



TECHNICAL CATALOG

2024



INNOVATION FOR
SUSTAINABILITY

www.oleocon.com.tr 

WHAT WE DO?



OIL & GAS

Oleocon couplings are used in exploration, extraction, field services (upstream), storage and conveyance (downstream) of crude oil and natural gas.



HYDRAULIC INDUSTRY

Oleocon couplings are present on machineries and systems used for industrial manufacturing and application.



EARTH MOVING

Oleocon couplings are suitable for systems and products related with controlling mobile equipment used in off-highway applications. Oleocon products have been successfully proven for years in heavy duty applications and in connect under pressure conditions.



HYDRAULIC EQUIPMENT

Oleocon couplings are suitable for various hydraulic equipment related machines and systems, such as machine tools and automation, measurement and control and for powered hand tools.





CONCRETE VEHICLES

Oleocon couplings are present on vehicles hydraulic applications systems, to connect different tools or trailers. Oleocon products are particularly appreciated by body manufacturers for their high performances and for their ability to withstand heavy duty applications.



AGRICULTURE

From conventional 'poppet design' profile to flat face and multi couplings, Oleocon couplings are present on agricultural machines and attachments.



VEHICLES

Oleocon coupling are used on water and water glycol cooling system machineries.



CHEMICAL INDUSTRY

Oleocon couplings are used in chemical applications where flow performances associated with non-spill design allows to increase system specifications and to protect the environment.





MULTI COUPLINGS

MULTI-COUPLINGS



01-04

FLAT FACE

ISO 16028



05-24

FLAT FACE SCREW



25-26

POPPET SCREW

ISO 14541



27-44

POPPET TYPE

ISO 7241-A



47-74

POPPET TYPE

ISO 7241-B



75-78

PUSH PULL

ISO 7241-A



79- 82

DUST COVERS

DUST COVERS



83- 86

2 WAY BALL VALVES



87- 90

3 WAY BALL VALVES



91- 96

STRAIGHT SWIVEL JOINTS



97- 98

BALL VALVES

SWIVEL JOINTS

99- 100



ELBOW SWIVEL JOINTS

101- 102



UNIDIRECTIONAL FLOW CONTROL VALVES

103- 104



BIDIRECTIONAL FLOW CONTROL VALVES

105- 106



DOUBLE ACTING HAND PUMPS SUITABLE FOR SINGLE ACTING CYLINDERS

107- 108



SINGLE ACTING HAND PUMPS SUITABLE FOR SINGLE ACTING CYLINDERS

109- 110



DOUBLE ACTING HAND PUMPS SUITABLE FOR DOUBLE ACTING CYLINDERS

111- 112



CHECK VALVES

113- 114



HOSE BURST SAFETY VALVES

115- 118



DOUBLE ACTING PILOT OPERATED CHECK VALVES

119- 120



PRESSURE RELIEF VALVES

SWIVEL
JOINTS

FLOW
CONTROL VALVES

HAND PUMP

OTHERS

MULTI-COUPLING

V5P



*V5P - C Dust Cap



*V5P - M - CG - D
Parking Station

TECHNICAL FEATURES AND OPTIONS

[CLICK HERE
FOR 3D SECTION](#)



Interchange

Market



Mechanical
Connection

Internal cams and
locking pins



How to
Disconnect

By rotating the lever after
disengaging the locking system



Under Residual
Pressure

Connectable with
residual pressure in both



Available
Threads

BSP NPT SAE
Metrics



Valve
Type

Flat Face



Operation
Pressure

Up to
350 bar/5000 psi



Working
Temperature

from -20 °C to +100 °C
(from -4 °F to +212 °F).

MAIN APPLICATIONS



Earthmoving



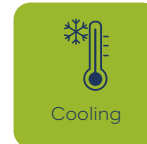
Agriculture



Oil&Gas



Industry



Cooling



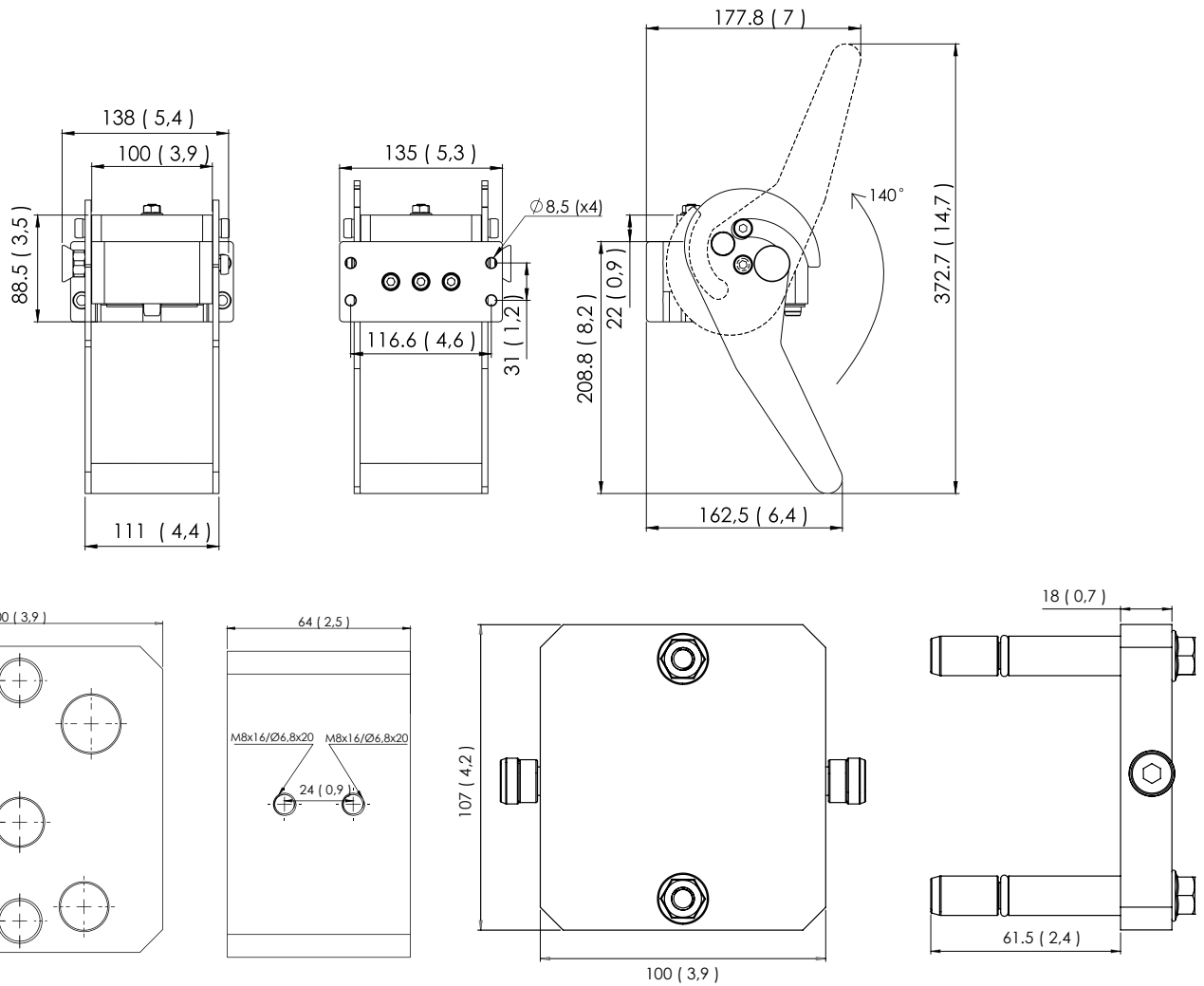
Vehicles



Hydraulic
Equipments

INFORMATION

Large range of configuration options to fulfill various customer requests
Flat face design to reduce contamination of circuits
Connects under residual pressure
Mechanical connection eliminates brinelling effect
Safety lock prevents unwanted disconnection
Simple to use with a single movement applied by one arm only
Ease of maintenance and replacement of quick couplings
Cap and parking station are available
Possible to integrate hydraulic lines with pneumatic lines, water cooling or electrical connector in the same multiconnection
Minimizes time to change different attachments
Eliminates the risk of mismatching the hydraulic connections
Reduces the assembly space necessary for the hydraulic connections
Easy to mount on new equipment or retrofit on pre-existing system
Heater, sensor, indexer key or other devices can be integrated



Body Size	Description	Coupling Gender	Port	Thread Size(B)
6,3	V5P-F-C-UK	Female	3 x 6,3 Couplings	6,3 Couplings 9/16"-18 Unf
6,3&10	V5P-F-CG-UKUL	Female	3 x 6,3 Couplings & 2x10 Couplings	6,3 Couplings 9/16"-18 Unf & 10 Couplings 3/4"-16 Unf
10	V5P-F-G-DC	Female	2x10 Couplings	10 Couplings G1/2"
6,3	V5P-F-B-DA	Female	2x6,3 Couplings	6,3 Couplings G1/4"
6,3	V5P-F-B-UK	Female	2x6,3 Couplings	6,3 Couplings 9/16"-18 Unf
6,3&10	V5P-F-AG-UKUL	Female	1x6,3 Couplings & 2x10 Couplings	6,3 Couplings 9/16"-18 Unf & 10 Couplings 3/4"-16 Unf
6,3&10	V5P-F-BG-UKUL	Female	2x6,3 Couplings & 2x10 Couplings	6,3 Couplings 9/16"-18 Unf & 10 Couplings 3/4"-16 Unf
6,3&10	V5P-F-CG-DADC	Female	3 x 6,3 Couplings & 2x10 Couplings	6,3 Couplings G1/4" & 10 Couplings G1/2"
6,3	V5P-F-C-LS	Female	3 x 6,3 Couplings	6,3 Couplings M14x1,5(8L)
6,3&10	V5P-F-CG-LSDC	Female	3 x 6,3 Couplings v& 2x10 Couplings	6,3 Couplings M14x1,5(8L) & 10 Couplings G1/2"
6,3	V5P-M-B-UK	Male	2x6,3 Couplings	6,3 Couplings 9/16"-18 Unf
6,3	V5P-M-C-UK	Male	3x6,3 Couplings	6,3 Couplings 9/16"-18 Unf
6,3&10	V5P-M-BG-ULUK	Male	2x6,3 Couplings & 2x10 Couplings	6,3 Couplings 3/4"-16 Unf & 10 Couplings 9/16"-18 Unf
6,3&10	V5P-M-CG-ULUK	Male	3x6,3 Couplings & 2x10 Couplings	6,3 Couplings 9/16"-18 Unf & 10 Couplings 3/4"-16 Unf
6,3&10	V5P-M-CG-DADB	Male	3x6,3 Couplings & 2x10 Couplings	6,3 Couplings G1/4" & 10 Couplings G1/2"

WARNING

A defect, wrong choice or an improper use of product, can cause injury to persons, animals and objects.

Never connect or disconnect under dynamic pressure (E.g. pump on).

Do not expose the female coupling to high impulse pressure when disconnected.

Do not connect or disconnect with flow and/or pressure in the circuit.

Do not connect or disconnect when the temperature inside the circuit is higher than 80 °C (176 °F).

Check the maximum allowable operating pressure of the port in use.

Make sure that the medium used is compatible with the seal and the material of the product, as indicated for each series.

In case of doubt, please contact Oleocon Technical Support Service.

It is mandatory to read and follow the instructions.

Last updated version of the Instructions apply at time of installation. Make sure to check the latest Instructions on Oleocon website (oleocon.com.tr) before selecting or using Oleocon products.



MULTI-COUPLING

H4P



*H4P - C Dust Cap



*H4P - M - I - D
Parking Station

TECHNICAL FEATURES AND OPTIONS



Interchange

Market



Mechanical
Connection

Internal cams and
locking pins



How to
Disconnect

By rotating the lever after
disengaging the locking system



Under Residual
Pressure

Connectable with
residual pressure in both



Available
Threads

BSPP NPT SAE
Metrics



Valve
Type

Flat Face



Operation
Pressure

Up to
350 bar/5000 psi



Working
Temperature

from -20 °C to +100 °C
(from -4 °F to +212 °F).

MAIN APPLICATIONS



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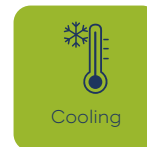
Agriculture



Oil&Gas



Industry



Cooling

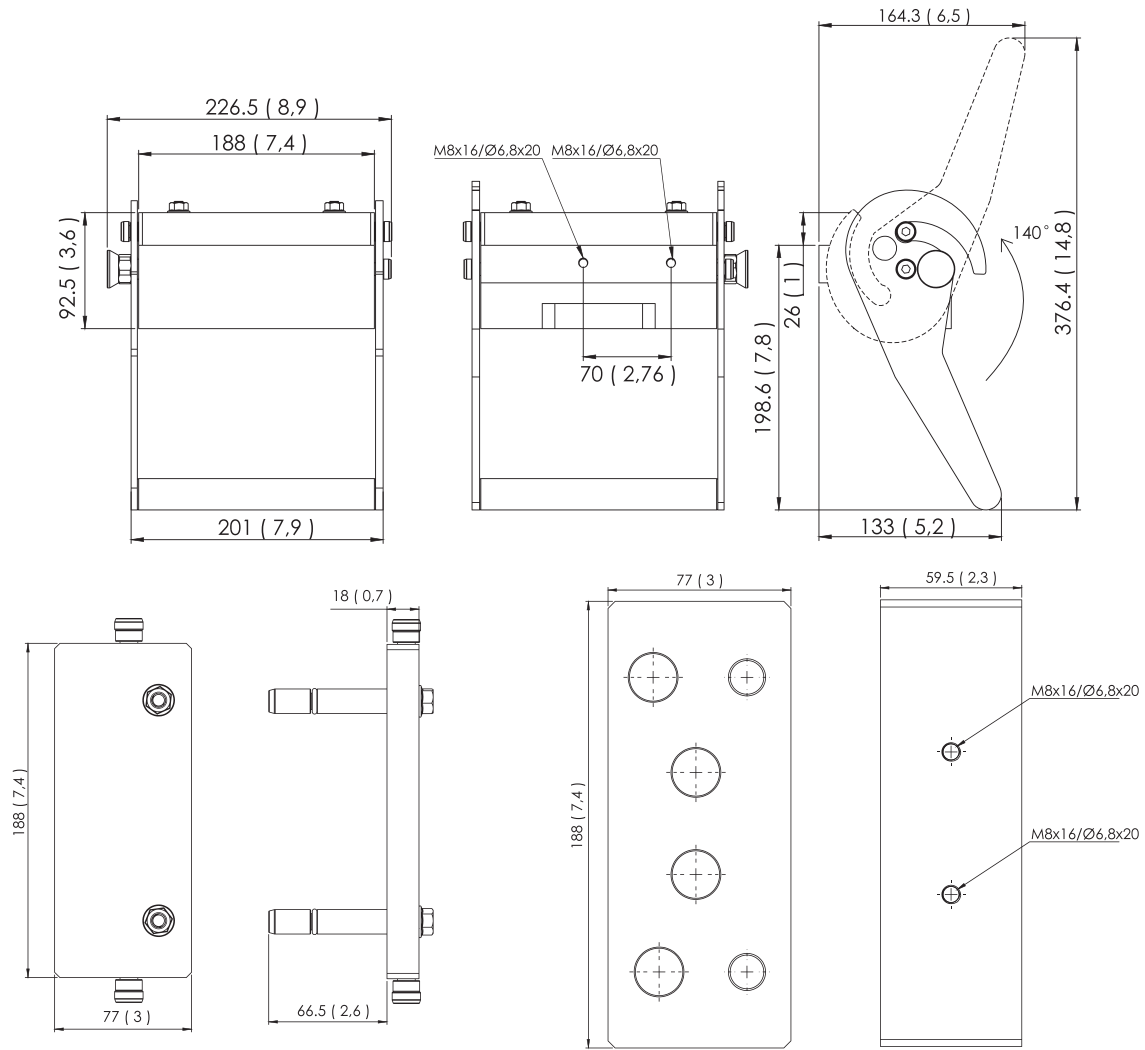


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Heater, sensor, indexator key or other devices can be integrated



BODY SIZE	DESCRIPTION	COUPLING GENDER	Port	THREAD SIZE(B)
10	H4P-F-I-LY	Female	4x10 Couplings	10 Couplings M22x1.5(15L)
10	H4P-F-I-DC	Female	4x10 Couplings	10 Couplings G1/2"
10	H4P-F-I-DB	Female	4x10 Couplings	10 Couplings G3/8"
10	H4P-F-I-PP	Female	4x10 Couplings	10 Couplings 13/16"-16 UN Male
10	H4P-M-I-LY	Male	4x10 Couplings	10 Couplings M22x1.5(15L)
10	H4P-M-I-DC	Male	4x10 Couplings	10 Couplings G1/2"
10	H4P-M-G-LY	Male	2x10 Couplings	10 Couplings M22x1.5(15L)
10	H4P-M-I-UP	Male	4x10 Couplings	10 Couplings 13/16"-16 UN
10	H4P-M-I-DB	Male	4x10 Couplings	10 Couplings G3/8"
10	H4P-M-I-HC	Male	4x10 Couplings	10 Couplings G1/2" Female Swivel Nut

WARNING

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FLAT FACE - QCF SERIES

BSPP



TECHNICAL FEATURES AND OPTIONS

[CLICK HERE
FOR 3D SECTION](#)



Locking Mechanism
Locking Ball System
+Safety Lock



Flow Rate
Up to 189 l / min



Material
Carbon Steel
Stainless Steel
Brass



Working Temperature
-20 °C / +100°C



Interchange
16028



How to Connect
Push



Operating Pressure
Up to 250 Bar



Available Threads
BSPP



Under Residual Pressure
Connction: Not Allowed
Disconnection: Not Allowed



Body Sizes
ISO 6,3-25



Sealing Description
NBR - FKM



Valve Type
Flat Face

MAIN APPLICATIONS



OIL & GAS



AGRICULTURE



HYDRAULIC
INDUSTRY



EARTH MOVING



HYDRAULIC
EQUIPMENT



CONCRETE
VEHICLES



VEHICLES



CHEMICAL
INDUSTRY

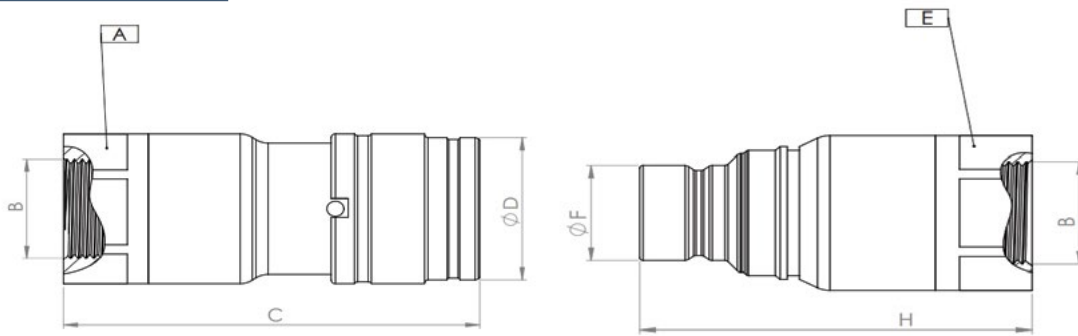
INFORMATION

- Flat face design prevents dirt and dust accumulation in the system.
- Top quality elastomer seals provide maximum sealing and prevent oil leakage during disconnection.
- Laminar flow prevents pressure drops and turbulences.
- Durable, safe, compact and easy to use design.
- Please clean the mating surfaces thoroughly before connecting, in order to prevent contaminants to enter into the system.
- Please make sure that the male and female parts are aligned properly to achieve full connection.
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WARNING

- Connection and disconnection under dynamic pressure is not allowed.
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- Make sure the system pressure is below the maximum working pressure.
- Please ensure that the OLEOCON product you have chosen is compatible with the temperature, material and pressure requirements of your system.
- Please contact OLEOCON technical support for any further questions.

TECHNICAL DRAWING



BODY SIZE	DESCRIPTION	COUPLING GENDER	Hex			THREAD SIZE(B)	DIAMETER			LENGTH			WEIGHT	
				mm	inch			mm	inch		mm	inch	kg	lbs
06	QCF-6A-G14	FEMALE	A	26	1.02	1/4	D	28	1.1	C	72	2.83	0.23	0.5
	QCF-6B-G14	MALE	E	26	1.02	1/4	F	16.15	0.64	H	62	2.44	0.15	0.33
10	QCF-10A-G38	FEMALE	A	30	1.18	3/8	D	32	1.25	C	84	3.30	0.37	0.81
	QCF-10B-G38	MALE	E	30	1.18	3/8	F	19.7	0.77	H	74	2.91	0.24	0.52
	QCF-10A-G12	FEMALE	A	30	1.18	1/2	D	32	1.25	C	83	3.26	0.35	0.77
	QCF-10B-G12	MALE	E	30	1.18	1/2	F	19.7	0.77	H	73	2.87	0.22	0.48
12.5	QCF-12A-G38	FEMALE	A	36	1.41	3/8	D	38	1.49	C	99	3.9	0.64	1.41
	QCF-12B-G38	MALE	E	36	1.41	3/8	F	24.5	0.96	H	82	3.23	0.41	0.9
	QCF-12A-G12	FEMALE	A	36	1.41	1/2	D	38	1.49	C	99	3.89	0.63	1.38
	QCF-12B-G12	MALE	E	36	1.41	1/2	F	24.5	0.96	H	82	3.22	0.4	0.88
	QCF-12A-G34	FEMALE	A	36	1.41	3/4	D	38	1.49	C	98	3.85	0.59	1.27
	QCF-12B-G34	MALE	E	36	1.41	3/4	F	24.5	0.96	H	81	3.18	0.35	0.77
19	QCF-19A-G34	FEMALE	A	41	1.61	3/4	D	46.1	1.81	C	116	4.56	0.98	2.15
	QCF-19B-G34	MALE	E	41	1.61	3/4	F	29.9	1.17	H	97	3.81	0.58	1.27
	QCF-19A-G1	FEMALE	A	41	1.61	1	D	46.1	1.81	C	115	4.52	0.92	2.02
	QCF-19B-G1	MALE	E	41	1.61	1	F	29.9	1.17	H	96	3.77	0.52	1.14
25	QCF-25A-G1	FEMALE	A	50	1.96	1	D	55	2.16	C	123	4.84	1.48	3.25
	QCF-25B-G1	MALE	E	50	1.96	1	F	36	1.41	H	106	4.17	0.89	1.95
	QCF-25A-G114	FEMALE	A	55	2.16	1 1/4	D	55	2.16	C	121	4.76	1.37	3.01
	QCF-25B-G114	MALE	E	55	2.16	1 1/4	F	36	1.41	H	104	4.09	0.78	1.71

ISO 1179-1 BSPP

BODY SIZE	WORKING PRESSURE						BURST PRESSURE					
	COUPLE		FEMALE		MALE		COUPLE		FEMALE		MALE	
	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI
6	31,5	4568	31,5	4568	31,5	4568	126	18270	126	18270	126	18270
10	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
12,5	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
19	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
25	20	2900	20	2900	20	2900	80	11600	80	11600	80	11600

BODY SIZE	RATED FLOW			FLUID LOSS PER DISCONNECT	CONNECTING FORCE		DISCONNECTING FORCE	
	PRES.DROP (kPa)	L/MIN	GPM		N	lbf	N	lbf
6	100	12	2,64	0,02	140	31,5	40	9
10	100	23	5,06	0,035	170	38,2	40	8,98
12,5	100	45	9,91	0,07	190	42,69	50	11,23
19	100	100	22,02	0,15	220	49,43	70	15,73
25	100	189	41,62	0,25	250	56,17	80	17,97

FLAT FACE - QCF SERIES

NPT



TECHNICAL FEATURES AND OPTIONS

[CLICK HERE
FOR 3D SECTION](#)


Locking Mechanism
Locking Ball System
+Safety Lock



Flow Rate
Up to 189 l / min



Material
Carbon Steel
Stainless Steel
Brass



Working Temperature
-20 °C / +100 °C



Interchange
16028



How to Connect
Push



Operating Pressure
Up to 250 Bar



Available Threads
NPT



Under Residual Pressure
Connction: Not Allowed
Disconnection: Not Allowed



Body Sizes
ISO 6,3-25



Sealing Description
NBR - FKM



Valve Type
Flat Face

MAIN APPLICATIONS



OIL & GAS



AGRICULTURE

HYDRAULIC
INDUSTRY

EARTH MOVING

HYDRAULIC
EQUIPMENTCONCRETE
VEHICLES

VEHICLES

CHEMICAL
INDUSTRY

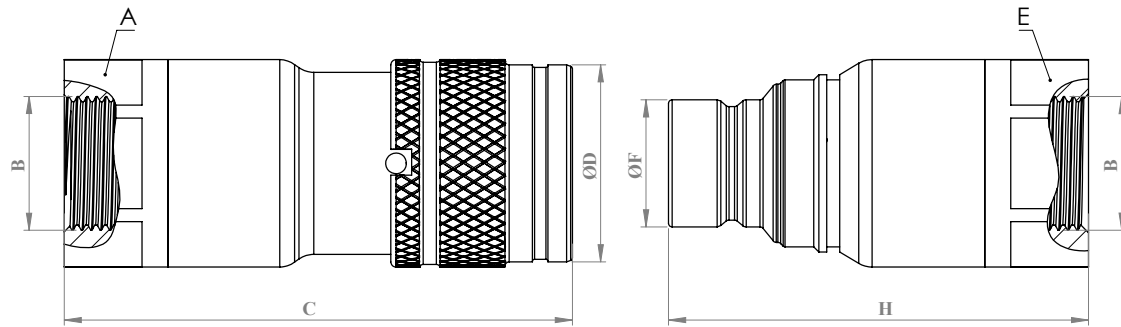
INFORMATION

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- Laminar flow prevents pressure drops and turbulences.
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TECHNICAL DRAWING



BODY SIZE	PRODUCT CODE	COUPLING GENDER	Hex			THREAD SIZE(B)	DIAMETER			LENGTH			WEIGHT	
				mm	inch			mm	inch		mm	inch	kg	lbs
06	QCF-6A-NPT14	FEMALE	A	26	1.02	1/4	D	28	1.1	C	72	2.83	0.23	0.5
	QCF-6B-NPT14	MALE	E	26	1.02	1/4	F	16.15	0.64	H	62	2.44	0.15	0.33
10	QCF-10A-NPT38	FEMALE	A	30	1.18	3/8	D	32	1.25	C	84	3.30	0.37	0.81
	QCF-10B-NPT38	MALE	E	30	1.18	3/8	F	19.7	0.77	H	74	2.91	0.24	0.52
	QCF-10A-NPT12	FEMALE	A	30	1.18	1/2	D	32	1.25	C	83	3.26	0.35	0.77
	QCF-10B-NPT12	MALE	E	30	1.18	1/2	F	19.7	0.77	H	73	2.87	0.22	0.48
12.5	QCF-12A-NPT12	FEMALE	A	36	1.41	1/2	D	38	1.49	C	99	3.89	0.63	1.38
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	QCF-25A-NPT114	FEMALE	A	55	2.16	1 1/4	D	55	2.16	C	121	4.76	1.37	3.01
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ASME.B1.20.1.NPT

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	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI
6	31,5	4568	31,5	4568	31,5	4568	126	18270	126	18270	126	18270
10	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
12.5	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
19	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
25	20	2900	20	2900	20	2900	80	11600	80	11600	80	11600

FLAT FACE - QCF SERIES

UNF



TECHNICAL FEATURES AND OPTIONS

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Locking Ball System
+Safety Lock



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Operating Pressure
Up to 250 Bar



Available Threads
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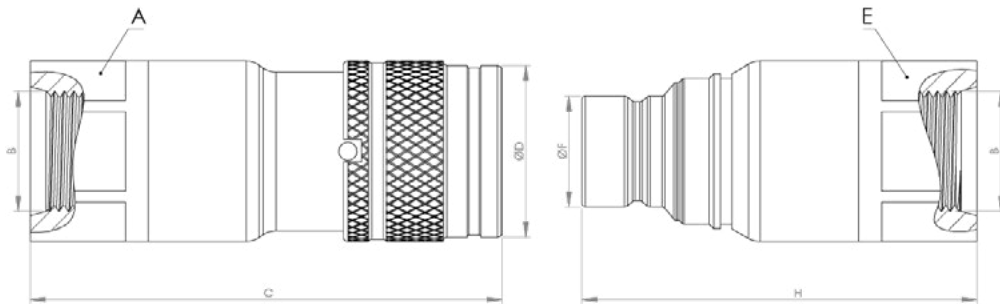
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BODY SIZE	DESCRIPTION	COUPLING GENDER	Hex			THREAD SIZE(B)	DIAMETER			LENGTH			WEIGHT	
				mm	inch			mm	inch		mm	inch	kg	lbs
06	QCF-6A-SAE4	FEMALE	A	26	1.02	7/16 UNF	D	28	1.1	C	73	2.87	0.24	0.53
	QCF-6B-SAE4	MALE	E	26	1.02	7/16 UNF	F	16.15	0.64	H	63	2.48	0.16	0.35
10	QCF-10A-SAE6	FEMALE	A	30	1.18	9/16 UNF	D	32	1.25	C	84	3.30	0.4	0.88
	QCF-10B-SAE6	MALE	E	30	1.18	9/16 UNF	F	19.7	0.77	H	74	2.91	0.25	0.55
	QCF-10A-SAE8	FEMALE	A	30	1.18	3/4 UNF	D	32	1.25	C	83	3.26	0.41	0.902
	QCF-10B-SAE8	MALE	E	30	1.18	3/4 UNF	F	19.7	0.77	H	73	2.87	0.26	0.572
12.5	QCF-12A-SAE8	FEMALE	A	36	1.41	3/4 UNF	D	38	1.49	C	99	3.89	0.65	1.43
	QCF-12B-SAE8	MALE	E	36	1.41	3/4 UNF	F	24.5	0.96	H	82	3.22	0.42	0.924
	QCF-12A-SAE12	FEMALE	A	36	1.41	1 1/16 UN	D	38	1.49	C	98	3.85	0.63	1.386
	QCF-12B-SAE12	MALE	E	36	1.41	1 1/16 UN	F	24.5	0.96	H	81	3.18	0.39	0.858
19	QCF-19A-SAE12	FEMALE	A	41	1.61	1 1/16 UN	D	46.1	1.81	C	116	4.56	0.99	2.178
	QCF-19B-SAE12	MALE	E	41	1.61	1 1/16 UN	F	29.9	1.17	H	97	3.81	0.6	1.32
25	QCF-25A-SAE16	FEMALE	A	50	1.96	1 5/16 UN	D	55	2.16	C	123	4.84	1.52	3.344
	QCF-25B-SAE16	MALE	E	50	1.96	1 5/16 UN	F	36	1.41	H	106	4.17	0.92	2.024
	QCF-25A-SAE20	FEMALE	A	55	2.16	1 5/8 UN	D	55	2.16	C	121	4.76	1.42	3.124
	QCF-25B-SAE20	MALE	E	55	2.16	1 5/8 UN	F	36	1.41	H	104	4.09	0.82	1.804

ISO 11926-1

BODY SIZE	WORKING PRESSURE						BURST PRESSURE					
	COUPLE		FEMALE		MALE		COUPLE		FEMALE		MALE	
	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI
6	31,5	4568	31,5	4568	31,5	4568	126	18270	126	18270	126	18270
10	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
12.5	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
19	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
25	20	2900	20	2900	20	2900	80	11600	80	11600	80	11600

FLAT FACE - QCF SERIES

BSPP MALE



TECHNICAL FEATURES AND OPTIONS

[CLICK HERE
FOR 3D SECTION](#)



Locking Mechanism
Locking Ball System
+Safety Lock



Flow Rate
Up to 189 l / min



Material
Carbon Steel
Stainless Steel
Brass



Working Temperature
-20 °C / +100°C



Interchange
16028



How to Connect
Push



Operating Pressure
Up to 250 Bar



Available Threads
BSPP



Under Residual Pressure
Connction: Not Allowed
Disconnection: Not Allowed



Body Sizes
ISO 6,3-25



Sealing Description
NBR - FKM



Valve Type
Flat Face

MAIN APPLICATIONS



OIL & GAS



AGRICULTURE



HYDRAULIC
INDUSTRY



EARTH MOVING



HYDRAULIC
EQUIPMENT



CONCRETE
VEHICLES



VEHICLES



CHEMICAL
INDUSTRY

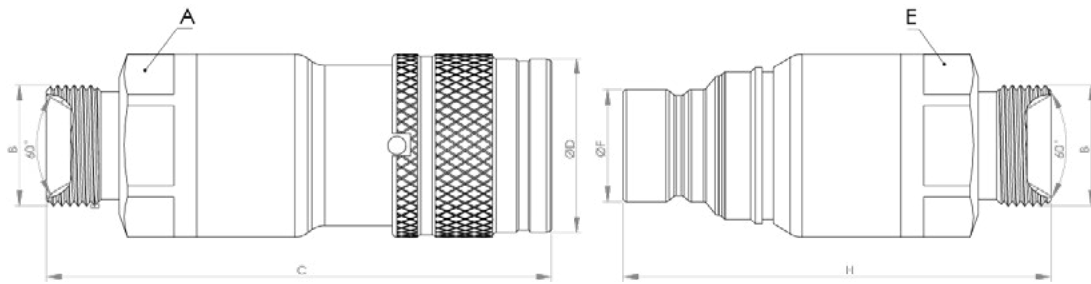
INFORMATION

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- Top quality elastomer seals provide maximum sealing and prevent oil leakage during disconnection.
- Laminar flow prevents pressure drops and turbulences.
- Durable, safe, compact and easy to use design.
- Please clean the mating surfaces thoroughly before connecting, in order to prevent contaminants to enter into the system.
- Please make sure that the male and female parts are aligned properly to achieve full connection.
- Safety lock feature prevents accidental disconnection.

WARNING

- Connection and disconnection under dynamic pressure is not allowed.
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TECHNICAL DRAWING



BODY SIZE	DESCRIPTION	COUPLING GENDER	Hex			THREAD SIZE(B)	DIAMETER			LENGTH			WEIGHT	
				mm	inch			mm	inch		mm	inch	kg	lbs
06	QCF-6A-G14M	FEMALE	A	26	1,02	1/4	D	28	1,1	C	83	3,27	0,25	0,55
	QCF-6B-G14M	MALE	E	26	1,02	1/4	F	16,15	0,64	H	73	2,87	0,17	0,37
10	QCF-10A-G38M	FEMALE	A	30	1,18	3/8	D	32	1,25	C	84	3,30	0,39	0,858
	QCF-10B-G38M	MALE	E	30	1,18	3/8	F	19,7	0,77	H	74	2,91	0,25	0,55
	QCF-10A-G12M	FEMALE	A	30	1,18	1/2	D	32	1,25	C	83	3,26	0,4	0,88
	QCF-10B-G12M	MALE	E	30	1,18	1/2	F	19,7	0,77	H	73	2,87	0,26	0,572
12,5	QCF-12A-G12M	FEMALE	A	36	1,41	1/2	D	38	1,49	C	99	3,89	0,64	1,408
	QCF-12B-G12M	MALE	E	36	1,41	1/2	F	24,5	0,96	H	82	3,22	0,41	0,902
	QCF-12A-G34M	FEMALE	A	36	1,41	3/4	D	38	1,49	C	98	3,85	0,64	1,408
	QCF-12B-G34M	MALE	E	36	1,41	3/4	F	24,5	0,96	H	81	3,18	0,41	0,902
19	QCF-19A-G34M	FEMALE	A	41	1,61	3/4	D	46,1	1,81	C	116	4,56	0,98	2,156
	QCF-19B-G34M	MALE	E	41	1,61	3/4	F	29,9	1,17	H	97	3,81	0,6	1,32
	QCF-19A-G1M	FEMALE	A	41	1,61	1	D	46,1	1,81	C	115	4,52	0,99	2,178
	QCF-19B-G1M	MALE	E	41	1,61	1	F	29,9	1,17	H	96	3,77	0,61	1,342
25	QCF-25A-G1M	FEMALE	A	50	1,96	1	D	55	2,16	C	123	4,84	1,64	3,608
	QCF-25B-G1M	MALE	E	50	1,96	1	F	36	1,41	H	106	4,17	0,96	2,112
	QCF-25A-G114M	FEMALE	A	55	2,16	1 1/4	D	55	2,16	C	121	4,76	1,55	3,41
	QCF-25B-G114M	MALE	E	55	2,16	1 1/4	F	36	1,41	H	104	4,09	0,97	2,134

ISO 8434-6

BODY SIZE	WORKING PRESSURE						BURST PRESSURE					
	COUPLE		FEMALE		MALE		COUPLE		FEMALE		MALE	
	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI
6	31,5	4568	31,5	4568	31,5	4568	126	18270	126	18270	126	18270
10	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
12,5	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
19	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
25	20	2900	20	2900	20	2900	80	11600	80	11600	80	11600

FLAT FACE - QCF SERIES

METRIC (L)



TECHNICAL FEATURES AND OPTIONS

[CLICK HERE
FOR 3D SECTION](#)



Locking Mechanism
Locking Ball System
+Safety Lock



Flow Rate
Up to 189 l / min



Material
Carbon Steel
Stainless Steel
Brass



Working Temperature
-20 °C / +100 °C



Interchange
16028



How to Connect
Push



Operating Pressure
Up to 250 Bar



Available Threads
Metric



Under Residual Pressure
Connction: Not Allowed
Disconnection: Not Allowed



Body Sizes
ISO 6,3-25



Sealing Description
NBR - FKM



Valve Type
Flat Face

MAIN APPLICATIONS



OIL & GAS



AGRICULTURE



HYDRAULIC
INDUSTRY



EARTH MOVING



HYDRAULIC
EQUIPMENT



CONCRETE
VEHICLES



VEHICLES



CHEMICAL
INDUSTRY

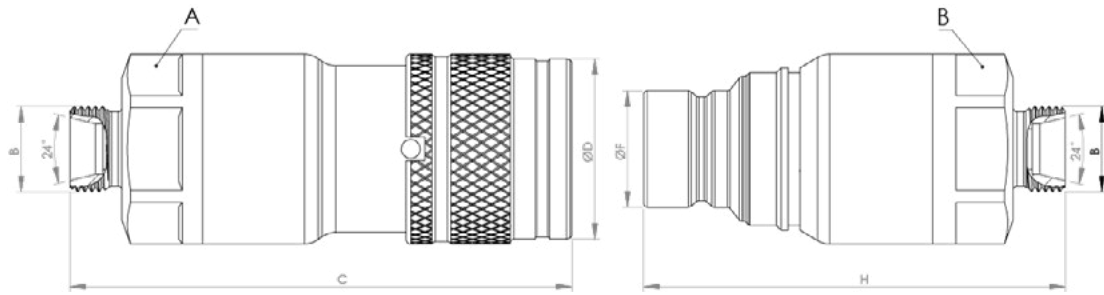
INFORMATION

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TECHNICAL DRAWING



BODY SIZE	DESCRIPTION	COUPLING GENDER	Hex			THREAD SIZE(B)	DIAMETER			LENGTH			WEIGHT	
				mm	inch			mm	inch		mm	inch	kg	lbs
06	QCF-6A-8L	FEMALE	A	26	1,02	M14*1,5	D	28	1,1	C	82	3,22	0,24	0,53
	QCF-6B-8L	MALE	E	26	1,02	M14*1,5	F	16,15	0,64	H	72	2,83	0,16	0,35
	QCF-6A-10L	FEMALE	A	26	1,02	M16*1,5	D	28	1,1	C	83	3,27	0,24	0,53
	QCF-6B-10L	MALE	E	26	1,02	M16*1,5	F	16,15	0,64	H	73	2,87	0,16	0,35
10	QCF-10A-10L	FEMALE	A	30	1,18	M16*1,5	D	32	1,25	C	84	3,30	0,38	0,84
	QCF-10B-10L	MALE	E	30	1,18	M16*1,5	F	19,7	0,77	H	74	2,91	0,24	0,53
	QCF-10A-12L	FEMALE	A	30	1,18	M18*1,5	D	32	1,25	C	83	3,26	0,38	0,84
	QCF-10B-12L	MALE	E	30	1,18	M18*1,5	F	19,7	0,77	H	73	2,87	0,24	0,53
	QCF-10A-15L	FEMALE	A	30	1,18	M22*1,5	D	32	1,25	C	83	3,26	0,39	0,86
	QCF-10B-15L	MALE	E	30	1,18	M22*1,5	F	19,7	0,77	H	73	2,87	0,25	0,55
12,5	QCF-12A-12L	FEMALE	A	36	1,41	M18*1,5	D	38	1,49	C	99	3,89	0,63	1,39
	QCF-12B-12	MALE	E	36	1,41	M18*1,5	F	24,5	0,96	H	82	3,22	0,4	0,88
	QCF-12A-15L	FEMALE	A	36	1,41	M22*1,5	D	38	1,49	C	98	3,85	0,63	1,39
	QCF-12B-15L	MALE	E	36	1,41	M22*1,5	F	24,5	0,96	H	81	3,18	0,4	0,88
	QCF-12A-18L	FEMALE	A	36	1,41	M26*1,5	D	38	1,49	C	98	3,85	0,63	1,39
	QCF-12B-18L	MALE	E	36	1,41	M26*1,5	F	24,5	0,96	H	81	3,18	0,4	0,88
19	QCF-19A-18L	FEMALE	A	41	1,61	M26*1,5	D	46,1	1,81	C	116	4,56	0,98	2,16
	QCF-19B-18L	MALE	E	41	1,61	M26*1,5	F	29,9	1,17	H	97	3,81	0,6	1,32
	QCF-19A-22L	FEMALE	A	41	1,61	M30*2	D	46,1	1,81	C	115	4,52	0,97	2,13
	QCF-19B-22L	MALE	E	41	1,61	M30*2	F	29,9	1,17	H	96	3,77	0,59	1,30
25	QCF-25A-28L	FEMALE	A	50	1,96	M36*2	D	55	2,16	C	123	4,84	1,5	3,30
	QCF-25B-28L	MALE	E	50	1,96	M36*2	F	36	1,41	H	106	4,17	0,92	2,02

ISO 8434-1

BODY SIZE	WORKING PRESSURE						BURST PRESSURE					
	COUPLE		FEMALE		MALE		COUPLE		FEMALE		MALE	
	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI
6	31,5	4568	31,5	4568	31,5	4568	126	18270	126	18270	126	18270
10	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
12,5	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
19	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
25	20	2900	20	2900	20	2900	80	11600	80	11600	80	11600

FLAT FACE - QCF SERIES

METRIC (S)



TECHNICAL FEATURES AND OPTIONS

[CLICK HERE
FOR 3D SECTION](#)



Locking Mechanism
Locking Ball System
+Safety Lock



Flow Rate
Up to 189 l / min



Material
Carbon Steel
Stainless Steel
Brass



Working Temperature
-20 °C / +100 °C



Interchange
16028



How to Connect
Push



Operating Pressure
Up to 250 Bar



Available Threads
Metric



Under Residual Pressure
Connction: Not Allowed
Disconnection: Not Allowed



Body Sizes
ISO 6,3-25



Sealing Description
NBR - FKM



Valve Type
Flat Face

MAIN APPLICATIONS



OIL & GAS



AGRICULTURE



HYDRAULIC
INDUSTRY



EARTH MOVING



HYDRAULIC
EQUIPMENT



CONCRETE
VEHICLES



VEHICLES



CHEMICAL
INDUSTRY

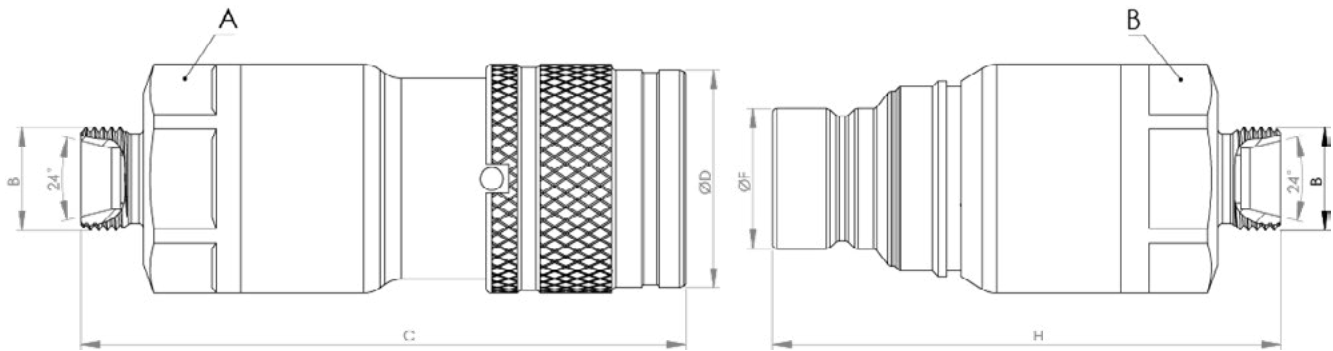
INFORMATION

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TECHNICAL DRAWING



BODY SIZE	DESCRIPTION	COUPLING GENDER	Hex			THREAD SIZE(B)	DIAMETER			LENGTH		WEIGHT		
				mm	inch			mm	inch		mm	inch	kg	lbs
06	QCF-6A-8S	FEMALE	A	26	1.02	M16*1.5	D	28	1.1	C	84	3.3	0.25	0.55
	QCF-6B-8S	MALE	E	26	1.02	M16*1.5	F	16.15	0.64	H	74	2.91	0.17	0.37
10	QCF-10A-12S	FEMALE	A	30	1.18	M20*1.5	D	32	1.25	C	84	3.30	0.39	0.86
	QCF-10B-12S	MALE	E	30	1.18	M20*1.5	F	19.7	0.77	H	74	2.91	0.25	0.55
12.5	QCF-12A-16S	FEMALE	A	36	1.41	M24*1.5	D	38	1.49	C	99	3.89	0.64	1.41
	QCF-12B-16S	MALE	E	36	1.41	M24*1.5	F	24.5	0.96	H	82	3.22	0.4	0.88
19	QCF-19A-20S	FEMALE	A	41	1.61	M30*2	D	46.1	1.81	C	116	4.56	0.99	2.18
	QCF-19B-20S	MALE	E	41	1.61	M30*2	F	29.9	1.17	H	97	3.81	0.61	1.34
25	QCF-25A-25S	FEMALE	A	50	1.96	M36*2	D	55	2.16	C	123	4.84	1.58	3.48
	QCF-25B-25S	MALE	E	50	1.96	M36*2	F	36	1.41	H	106	4.17	0.99	2.18

ISO 8434-1

BODY SIZE	WORKING PRESSURE						BURST PRESSURE					
	COUPLE		FEMALE		MALE		COUPLE		FEMALE		MALE	
	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI
6	31.5	4568	31.5	4568	31.5	4568	126	18270	126	18270	126	18270
10	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
12.5	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
19	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
25	20	2900	20	2900	20	2900	80	11600	80	11600	80	11600

FLAT FACE - QCF SERIES

METRIC (L) BULKHEAD



TECHNICAL FEATURES AND OPTIONS

[CLICK HERE
FOR 3D SECTION](#)



Locking Mechanism
Locking Ball System
+Safety Lock



Flow Rate
Up to 189 l / min



Material
Carbon Steel
Stainless Steel
Brass



Working Temperature
-20 °C / +100 °C



Interchange
16028



How to Connect
Push



Operating Pressure
Up to 250 Bar



Available Threads
Metric



Under Residual Pressure
Connction: Not Allowed
Disconnection: Not Allowed



Body Sizes
ISO 6,3-25



Sealing Description
NBR - FKM



Valve Type
Flat Face

MAIN APPLICATIONS



OIL & GAS



AGRICULTURE



HYDRAULIC
INDUSTRY



EARTH MOVING



HYDRAULIC
EQUIPMENT



CONCRETE
VEHICLES



VEHICLES



CHEMICAL
INDUSTRY

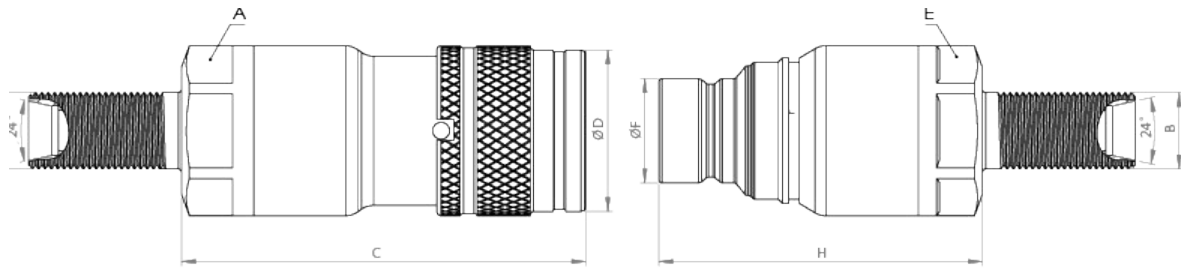
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TECHNICAL DRAWING



BODY SIZE	DESCRIPTION	COUPLING GENDER	Hex			THREAD SIZE(B)	DIAMETER			LENGTH			WEIGHT	
				mm	inch			mm	inch		mm	inch	kg	lbs
06	QCF-6A-8L-BH	FEMALE	A	26	1,02	M14*1,5	D	28	1,1	C	106	4,17	0,27	0,59
	QCF-6B-8L-BH	MALE	E	26	1,02	M14*1,5	F	16,15	0,64	H	96	3,78	0,19	0,42
	QCF-6A-10L-BH	FEMALE	A	26	1,02	M16*1,5	D	28	1,1	C	107	4,21	0,27	0,59
	QCF-6B-10L-BH	MALE	E	26	1,02	M16*1,5	F	16,15	0,64	H	97	3,82	0,19	0,42
10	QCF-10A-10L-BH	FEMALE	A	30	1,18	M16*1,5	D	32	1,25	C	84	3,30	0,41	0,902
	QCF-10B-10L-BH	MALE	E	30	1,18	M16*1,5	F	19,7	0,77	H	74	2,91	0,27	0,594
	QCF-10A-12L-BH	FEMALE	A	30	1,18	M18*1,5	D	32	1,25	C	83	3,26	0,41	0,902
	QCF-10B-12L-BH	MALE	E	30	1,18	M18*1,5	F	19,7	0,77	H	73	2,87	0,27	0,594
	QCF-10A-15L-BH	FEMALE	A	30	1,18	M22*1,5	D	32	1,25	C	83	3,26	0,44	0,968
	QCF-10B-15L-BH	MALE	E	30	1,18	M22*1,5	F	19,7	0,77	H	73	2,87	0,29	0,638
12,5	QCF-12A-12L-BH	FEMALE	A	36	1,41	M18*1,5	D	38	1,49	C	99	3,89	0,66	1,452
	QCF-12B-12L-BH	MALE	E	36	1,41	M18*1,5	F	24,5	0,96	H	82	3,22	0,43	0,946
	QCF-12A-15L-BH	FEMALE	A	36	1,41	M22*1,5	D	38	1,49	C	98	3,85	0,68	1,496
	QCF-12B-15L-BH	MALE	E	36	1,41	M22*1,5	F	24,5	0,96	H	81	3,18	0,45	0,99
	QCF-12A-18L-BH	FEMALE	A	36	1,41	M26*1,5	D	38	1,49	C	98	3,85	0,7	1,54
	QCF-12B-18L-BH	MALE	E	36	1,41	M26*1,5	F	24,5	0,96	H	81	3,18	0,47	1,034
19	QCF-19A-18L-BH	FEMALE	A	41	1,61	M26*1,5	D	46,1	1,81	C	116	4,56	1,05	2,31
	QCF-19B-18L-BH	MALE	E	41	1,61	M26*1,5	F	29,9	1,17	H	97	3,81	0,67	1,474
	QCF-19A-22L-BH	FEMALE	A	41	1,61	M30*2	D	46,1	1,81	C	115	4,52	1,06	2,332
	QCF-19B-22L-BH	MALE	E	41	1,61	M30*2	F	29,9	1,17	H	96	3,77	0,68	1,496
25	QCF-25A-28L-BH	FEMALE	A	50	1,96	M36*2	D	55	2,16	C	123	4,84	1,63	3,586
	QCF-25B-28L-BH	MALE	E	50	1,96	M36*2	F	36	1,41	H	106	4,17	1,04	2,288

ISO8434-1

BODY SIZE	WORKING PRESSURE						BURST PRESSURE					
	COUPLE		FEMALE		MALE		COUPLE		FEMALE		MALE	
	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI
6	31,5	4568	31,5	4568	31,5	4568	126	18270	126	18270	126	18270
10	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
12,5	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
19	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
25	20	2900	20	2900	20	2900	80	11600	80	11600	80	11600

FLAT FACE - QCF SERIES

METRIC (S) BULKHEAD



TECHNICAL FEATURES AND OPTIONS

[CLICK HERE
FOR 3D SECTION](#)



Locking Mechanism
Locking Ball System
+Safety Lock



Flow Rate
Up to 189 l / min



Material
Carbon Steel
Stainless Steel
Brass



Working Temperature
-20 °C / +100 °C



Interchange
16028



How to Connect
Push



Operating Pressure
Up to 250 Bar



Available Threads
Metric



Under Residual Pressure
Connction: Not Allowed
Disconnection: Not Allowed



Body Sizes
ISO 6,3-25



Sealing Description
NBR - FKM



Valve Type
Flat Face

MAIN APPLICATIONS



OIL & GAS



AGRICULTURE



HYDRAULIC
INDUSTRY



EARTH MOVING



HYDRAULIC
EQUIPMENT



CONCRETE
VEHICLES



VEHICLES



CHEMICAL
INDUSTRY

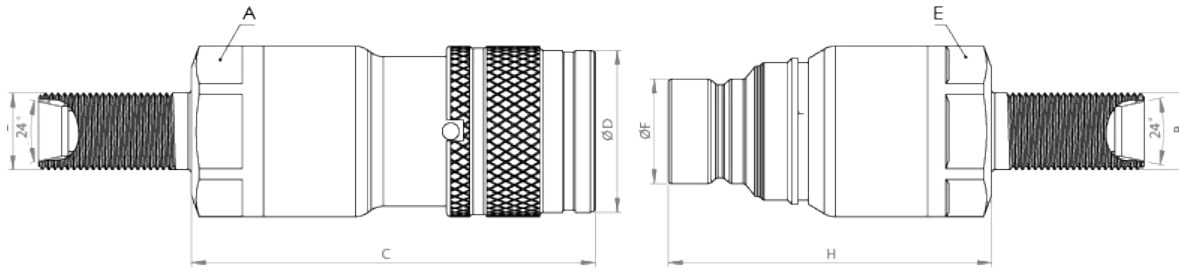
INFORMATION

- Flat face design prevents dirt and dust accumulation in the system.
- Top quality elastomer seals provide maximum sealing and prevent oil leakage during disconnection.
- Laminar flow prevents pressure drops and turbulences.
- Durable, safe, compact and easy to use design.
- Please clean the mating surfaces thoroughly before connecting, in order to prevent contaminants to enter into the system.
- Please make sure that the male and female parts are aligned properly to achieve full connection.
- Safety lock feature prevents accidental disconnection.

WARNING

- Connection and disconnection under dynamic pressure is not allowed.
- Connection and disconnection is not allowed when the temperature of the circulating fluid is above 80°C / 176°F.
- Make sure the system pressure is below the maximum working pressure.
- Please ensure that the OLEOCON product you have chosen is compatible with the temperature, material and pressure requirements of your system.
- Please contact OLEOCON technical support for any further questions.

TECHNICAL DRAWING



BODY SIZE	DESCRIPTION	COUPLING GENDER	Hex			THREAD SIZE(B)	DIAMETER			LENGTH			WEIGHT	
				mm	inch			mm	inch		mm	inch	kg	lbs
06	QCF-6A-8S-BH	FEMALE	A	26	1.02	M16*1.5	D	28	1.1	C	108	4.25	0.28	0.62
	QCF-6B-8S-BH	MALE	E	26	1.02	M16*1.5	F	16.15	0.64	H	98	3.86	0.2	0.44
10	QCF-10A-12S-BH	FEMALE	A	30	1.18	M20*1.5	D	32	1.25	C	84	3.30	0.44	0.968
	QCF-10B-12S-BH	MALE	E	30	1.18	M20*1.5	F	19.7	0.77	H	74	2.91	0.3	0.66
12.5	QCF-12A-16S-BH	FEMALE	A	36	1.41	M24*1.5	D	38	1.49	C	99	3.89	0.7	1.54
	QCF-12B-16S-BH	MALE	E	36	1.41	M24*1.5	F	24.5	0.96	H	82	3.22	0.47	1.034
19	QCF-19A-20S-BH	FEMALE	A	41	1.61	M30*2	D	46.1	1.81	C	116	4.56	1.09	2.398
	QCF-19B-20S-BH	MALE	E	41	1.61	M30*2	F	29.9	1.17	H	97	3.81	0.7	1.54
25	QCF-25A-25S-BH	FEMALE	A	50	1.96	M36*2	D	55	2.16	C	123	4.84	1.72	3.784
	QCF-25B-25S-BH	MALE	E	50	1.96	M36*2	F	36	1.41	H	106	4.17	1.12	2.464

ISO 8434-1

BODY SIZE	WORKING PRESSURE						BURST PRESSURE					
	COUPLE		FEMALE		MALE		COUPLE		FEMALE		MALE	
	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI
6	31.5	4568	31.5	4568	31.5	4568	126	18270	126	18270	126	18270
10	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
12.5	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
19	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
25	20	2900	20	2900	20	2900	80	11600	80	11600	80	11600

FLAT FACE -QCF SERIES

UNF MALE



TECHNICAL FEATURES AND OPTIONS

CLICK HERE
FOR 3D SECTION



Locking Mechanism
Locking Ball System
+Safety Lock



Flow Rate
Up to 189 l / min



Material
Carbon Steel
Stainless Steel
Brass



Working Temperature
-20 °C / +100 °C



Interchange
16028



How to Connect
Push



Operating Pressure
Up to 250 Bar



Available Threads
UNF



Under Residual Pressure
Connction: Not Allowed
Disconnection: Not Allowed



Body Sizes
ISO 6,3-25



Sealing Description
NBR - FKM



Valve Type
Flat Face

MAIN APPLICATIONS



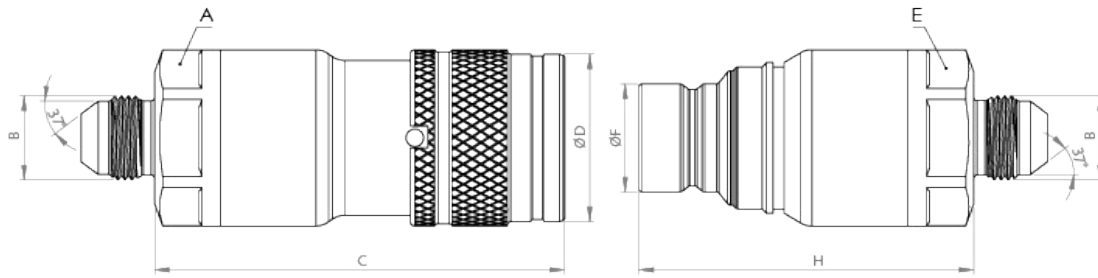
INFORMATION

- Flat face design prevents dirt and dust accumulation in the system.
- Top quality elastomer seals provide maximum sealing and prevent oil leakage during disconnection.
- Laminar flow prevents pressure drops and turbulences.
- Durable, safe, compact and easy to use design.
- Please clean the mating surfaces thoroughly before connecting, in order to prevent contaminants to enter into the system.
- Please make sure that the male and female parts are aligned properly to achieve full connection.
- Safety lock feature prevents accidental disconnection.

WARNING

- Connection and disconnection under dynamic pressure is not allowed.
- Connection and disconnection is not allowed when the temperature of the circulating fluid is above 80°C / 176°F.
- Make sure the system pressure is below the maximum working pressure.
- Please ensure that the OLEOCON product you have chosen is compatible with the temperature, material and pressure requirements of your system.
- Please contact OLEOCON technical support for any further questions.

TECHNICAL DRAWING



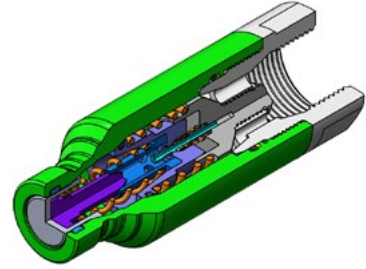
BODY SIZE	DESCRIPTION	COUPLING GENDER	Hex			THREAD SIZE(B)	DIAMETER			LENGTH			WEIGHT	
				mm	inch			mm	inch		mm	inch	kg	lbs
06	QCF-6A-MSAE6	FEMALE	A	26	1,02	9/16-18 UNF	D	28	1,1	C	86,1	3,39	0,24	0,53
	QCF-6B-MSAE6	MALE	E	26	1,02	9/16-18 UNF	F	16,15	0,64	H	76,1	3	0,16	0,35
10	QCF-10A-MSAE6	FEMALE	A	30	1,18	9/16-18 UNF	D	32	1,25	C	84	3,30	0,39	0,858
	QCF-10B-MSAE6	MALE	E	30	1,18	9/16-18 UNF	F	19,7	0,77	H	74	2,91	0,24	0,528
	QCF-10A-MSAE8	FEMALE	A	30	1,18	3/4 -16 UNF	D	32	1,25	C	83	3,26	0,4	0,88
	QCF-10B-MSAE8	MALE	E	30	1,18	3/4 -16 UNF	F	19,7	0,77	H	73	2,87	0,25	0,55
	QCF-10A-MSAE10	FEMALE	A	30	1,18	7/8-14 UNF	D	32	1,25	C	83	3,26	0,4	0,88
	QCF-10B-MSAE10	MALE	E	30	1,18	7/8-14 UNF	F	19,7	0,77	H	73	2,87	0,26	0,572
12,5	QCF-12A-MSAE8	FEMALE	A	36	1,41	3/4 -16 UNF	D	38	1,49	C	99	3,89	0,63	1,386
	QCF-12B-MSAE8	MALE	E	36	1,41	3/4-16UNF	F	24,5	0,96	H	82	3,22	0,4	0,88
	QCF-12A-MSAE10	FEMALE	A	36	1,41	7/8-14UNF	D	38	1,49	C	98	3,85	0,64	1,408
	QCF-12B-MSAE10	MALE	E	36	1,41	7/8-14 UNF	F	24,5	0,96	H	81	3,18	0,41	0,902
19	QCF-19A-MSAE12	FEMALE	A	41	1,61	1 1/16 -12UN	D	46,1	1,81	C	116	4,56	1	2,2
	QCF-19B-MSAE12	MALE	E	41	1,61	1 1/16-12 UN	F	29,9	1,17	H	97	3,81	0,62	1,364
25	QCF-25A-MSAE16	FEMALE	A	50	1,96	1 5/16-12UN	D	55	2,16	C	123	4,84	1,56	3,432
	QCF-25B-MSAE16	MALE	E	50	1,96	1 5/16-12UN	F	36	1,41	H	106	4,17	0,98	2,156

ISO8434-2

BODY SIZE	WORKING PRESSURE						BURST PRESSURE					
	COUPLE		FEMALE		MALE		COUPLE		FEMALE		MALE	
	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI
6	31,5	4568	31,5	4568	31,5	4568	126	18270	126	18270	126	18270
10	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
12,5	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
19	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
25	20	2900	20	2900	20	2900	80	11600	80	11600	80	11600

FLAT FACE - BAT SERIES

MALE



TECHNICAL FEATURES AND OPTIONS



Locking Mechanism
Locking Ball System
+ Safety Lock



Flow Rate
Up to 189 l / min



Material
Carbon Steel
Stainless Steel
Brass



Working Temperature
-20 °C / +100 °C



Interchange
16028



How to Connect
Push



Operating Pressure
Up to 315 Bar



Available Threads
BSP - NPT - Metric - SAE



Under Residual Pressure
Connection: Allowed
Disconnection: Not Allowed



Body Sizes
ISO 6,3-19



Sealing Description
NBR - FKM



Valve Type
Flat Face

MAIN APPLICATIONS



OIL & GAS



AGRICULTURE



HYDRAULIC
INDUSTRY



EARTH MOVING



HYDRAULIC
EQUIPMENT



CONCRETE
VEHICLES



VEHICLES



CHEMICAL
INDUSTRY

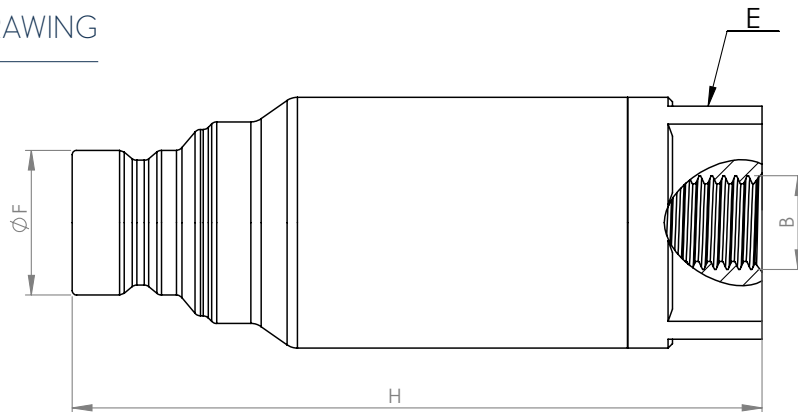
INFORMATION

- Easy connection with male side under residual pressure (female side to drain) thanks to the internal valve.
- Flat face is easy to clean, reducing the inclusion of contamination inside the hydraulic circuit.
- Minimal fluid spillage during disconnection, reducing fluid spillage to the environment.
- Minimal air inclusion during connection.
- Internal valve design creates minimal pressure drop, maintaining circuit efficiency in the system.
- The modular design allows flexibility with a wide range of configurations.
- Good resistance to pressure impulses.
- Compact slim design.
- Safe and simple to use.

WARNING

- Connection and disconnection under dynamic pressure is not allowed.
- Connection and disconnection is not allowed when the temperature of the circulating fluid is above 80°C / 176°F.
- Make sure the system pressure is below the maximum working pressure.
- Please ensure that the OLEOCON product you have chosen is compatible with the temperature, material and pressure requirements of your system.
- Please contact OLEOCON technical support for any further questions.

TECHNICAL DRAWING

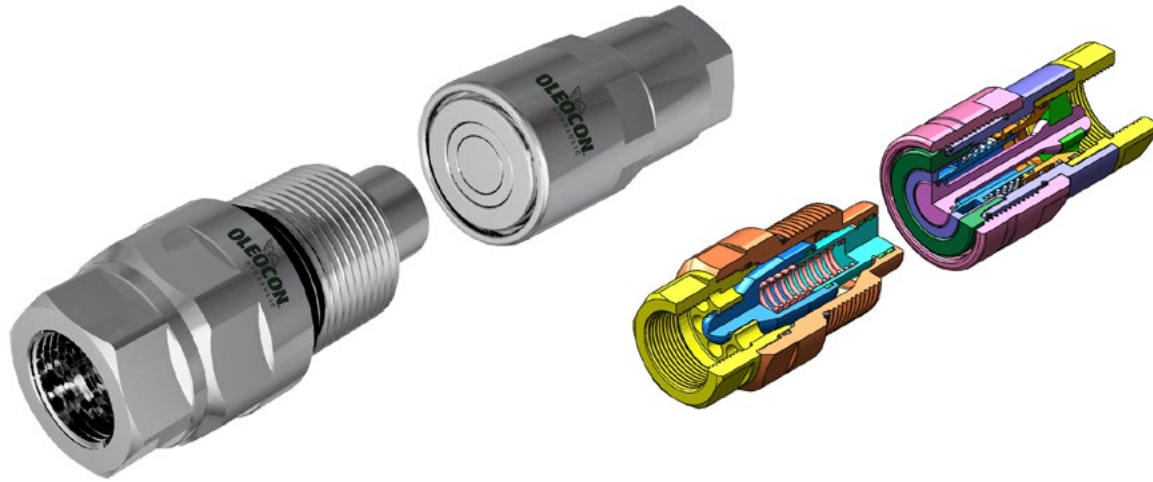


BODY SIZE	DESCRIPTION	COUPLING GENDER	Hex			THREAD SIZE(B)	DIAMETER			LENGTH			WEIGHT	
				mm	inch			mm	inch		mm	inch	kg	lbs
06	BAT-6B-G14	MALE	E	26	1,02	1/4	F	16,15	0,64	H	77	3,03	0,25	0,55
10	BAT-10B-G38	MALE	E	30	1,18	3/8	F	19,7	0,77	H	89,6	3,53	0,35	0,77
	BAT-10B-G12	MALE	E	30	1,18	1/2	F	19,7	0,77	H	90,6	3,57	0,37	0,82
12,5	BAT-12B-G12	MALE	E	36	1,41	1/2	F	24,5	0,96	H	101	3,98	0,56	1,23
	BAT-12B-G34	MALE	E	36	1,41	3/4	F	24,5	0,96	H	103	4,05	0,58	1,28
19	BAT-19B-G34	MALE	E	41	1,61	3/4	F	29,9	1,17	H	111,5	4,39	0,79	1,74
	BAT-19B-G1	MALE	E	41	1,61	1	F	29,9	1,17	H	112,5	4,39	0,85	1,87

BODY SIZE	WORKING PRESSURE		BURST PRESSURE	
	MALE		MALE	
	MPa	PSI	MPa	PSI
6	31,5	4568	126	18270
10	25	3625	100	14500
12,5	25	3625	100	14500
19	25	3625	100	14500

BODY SIZE	RATED FLOW			FLUID LOSS PER DISCONNECT
	PRES.DROP (kPa)	L/MIN	GPM	ml
6	100	12	2,64	0,02
10	100	23	5,06	0,035
12,5	100	45	9,91	0,07
19	100	100	22,02	0,15

FLAT FACE SCREW - APA SERIES



TECHNICAL FEATURES AND OPTIONS

[CLICK HERE
FOR 3D SECTION](#)


Locking Mechanism

Screw to
Connect


Flow Rate

Up to 189 l / min


Material

Carbon Steel
Stainless Steel


Working Temperature

-20 °C / +100 °C


Interchange

Oleocon


How to Connect

Screw


Operating Pressure

Up to 350 Bar


Available Threads

BSPP


Under Residual Pressure

Connection: Both Side
Disconnection: Allowed


Available Sizes

From 1" to 1-1/4"


Sealing Description

NBR - FKM


Valve Type

Flat Face

MAIN APPLICATIONS



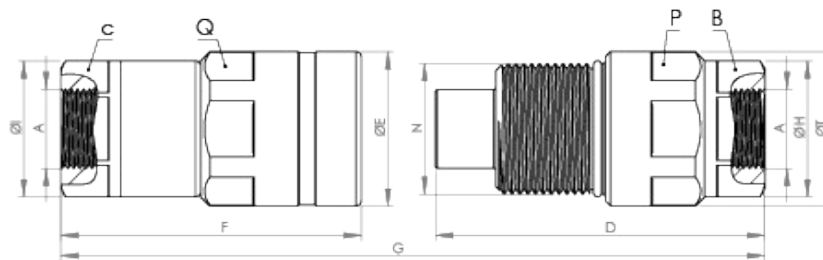
INFORMATION

- Connection under residual pressure is allowed on both sides.
- Disconnection under residual pressure is allowed.
- Flat face design prevents dirt and dust accumulation in the system.
- Top quality elastomer seals provide maximum sealing and prevent oil leakage during disconnection.
- Laminar flow prevents pressure drops and turbulences.
- Durable, safe, compact and easy to use design.
- Please clean the mating surfaces thoroughly before connecting, in order to prevent contaminants to enter into the system.
- Please make sure that the male and female parts are aligned properly to achieve full connection.

WARNING

- Connection and disconnection under dynamic pressure is not allowed.
- Connection and disconnection is not allowed when the temperature of the circulating fluid is above 80°C / 176°F.
- Make sure the system pressure is below the maximum working pressure.
- Please ensure that the OLEOCON product you have chosen is compatible with the temperature, material and pressure requirements of your system.
- Please contact OLEOCON technical support for any further questions.

TECHNICAL DRAWING



BODY SIZE	DESCRIPTION	COUPLING GENDER	N	HEX			HEX			THREAD SIZE (A)	DIAMETER			LENGTH			OVERALL LENGTH			WEIGHT	
					mm	inch		mm	inch			mm	inch		mm	inch		mm	inch	Kg	Lbs
19	APA-19A-G1	FEMALE	M50x3	C	46	1,81	Q	55	2,17	1"	E	59	2,33	F	115	4,54	G	218	8,62	0,413	0,909
	APA-19B-G1	MALE		B	46	1,81	P	55	2,17	1"	T	59	2,33	D	126	4,98				0,665	1,463
25	APA-25A-G114	FEMALE	M58x3	C	55	2,17	Q	65	2,57	1-1/4"	E	70	2,77	F	123	4,86	G	234,5	9,27	0,524	1,153
	APA-25B-G114	MALE		B	55	2,17	P	65	2,57	1-1/4"	T	70	2,77	D	135	5,33				0,974	2,143

BSPP ISO 1179-1

BODY SIZE	WORKING PRESSURE						BURST PRESSURE					
	COUPLE		FEMALE		MALE		COUPLE		FEMALE		MALE	
	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI
6	-	-	-	-	-	-	-	-	-	-	-	-
19	35	5076	35	5076	35	5076	100	14500	100	14500	100	14500
25	30	4350	30	4350	30	4350	80	11600	80	11600	80	11600

BODY SIZE	RATED FLOW		
	PRES.DROP (kPa)	L/MIN	GPM
19	200	-	-
25	200	-	-

POPPET SCREW - STC SERIES

BSPP



TECHNICAL FEATURES AND OPTIONS

[CLICK HERE
FOR 3D SECTION](#)



Locking Mechanism
Screw to
Connect



Flow Rate
Up to 189 l / min



Material
Carbon Steel
Stainless Steel



Working Temperature
-20 °C / +100 °C



Interchange
ISO 14541



How to Connect
Screw



Operating Pressure
Up to 350 Bar



Available Threads
BSPP



Under Residual Pressure
Connetion: Both Side
Disconnection: Allowed



Available Sizes
From 1/4" to 1"



Sealing Description
NBR - FKM



Valve Type
Popet

MAIN APPLICATIONS



OIL & GAS



AGRICULTURE



HYDRAULIC
INDUSTRY



EARTH MOVING



HYDRAULIC
EQUIPMENT



CONCRETE
VEHICLES



VEHICLES



CHEMICAL
INDUSTRY

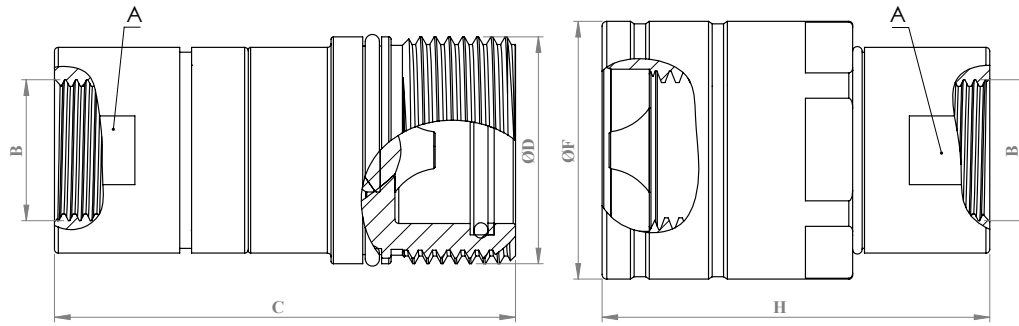
INFORMATION

- Connection under residual pressure is allowed on both sides.
- Disconnection under residual pressure is allowed.
- Top quality elastomer seals provide maximum sealing.
- The external sealing ring ensures a solid connection and prevents disconnection due to vibration.
- The design prevents pressure drops and turbulences.
- Durable, safe, compact and easy to use design.
- Please clean the mating surfaces thoroughly before connecting, in order to prevent contaminants to enter into the system.
- Please make sure that the male and female parts are aligned properly to achieve full connection.

WARNING

- Connection and disconnection under dynamic pressure is not allowed.
- Connection and disconnection is not allowed when the temperature of the circulating fluid is above 80°C / 176°F.
- Make sure the system pressure is below the maximum working pressure.
- Please ensure that the OLEOCON product you have chosen is compatible with the temperature, material and pressure requirements of your system.
- Please contact OLEOCON technical support for any further questions.

TECHNICAL DRAWING



BODY SIZE	DESCRIPTION	COUPLING GENDER	THREAD TYPE	Hex			THREAD SIZE(B)	DIAMETER			LENGTH		WEIGHT		
					mm	inch			mm	inch		mm	inch	kg	lbs
6.3	STC-6A-G14	FEMALE	BSPP	A	17	0.66	1/4 "	D	M24*2	-	C	61,7	2,42	0.22	0.28
	STC-6B-G14	MALE	BSPP	E	30	1.18	1/4"	F	34	-	H	59	2,32	0.13	0.48
10	STC-10A-G38	FEMALE	BSPP	A	22	0.86	3/8"	D	M28*2	-	C	62,9	2,47	0.2	0.37
	STC-10B-G38	MALE	BSPP	E	30	1.18	3/8"	F	34	-	H	60.5	2,38	0.17	0.48
12.5	STC-12A-G12	FEMALE	BSPP	A	27	1.06	1/2"	D	M36*2	-	C	69	2,71	0.31	0.66
	STC-12B-G12	MALE	BSPP	E	36	1.41	1/2"	F	42,1	-	H	63,8	2,51	0.3	0.66
19	STC-20A-G34	FEMALE	BSPP	A	32	1.25	3/4"	D	M42*2	-	C	85,5	3,36	0.48	1.05
	STC-20B-G34	MALE	BSPP	E	41	1.61	3/4"	F	48,5	-	H	76	2,99	0.46	1.01
25	STC-25A-G1	FEMALE	BSPP	A	41	1.61	1"	D	M48*3	-	C	97,5	3,83	0.69	1.51
	STC-25B-G1	MALE	BSPP	E	50	1.96	1"	F	54,5	-	H	82	3,22	0.66	1.45

ISO 1179-1

BODY SIZE	WORKING PRESSURE						BURST PRESSURE					
	COUPLE		FEMALE		MALE		COUPLE		FEMALE		MALE	
	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI
6	35	5075	35	5075	35	5075	140	20300	140	20300	140	20300
10	30	4350	30	4350	30	4350	120	17400	120	17400	120	17400
12,5	30	4350	30	4350	30	4350	120	17400	120	17400	120	17400
19	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
25	20	2900	20	2900	20	2900	80	11600	80	11600	80	11600

BODY SIZE	RATED FLOW			FLUID LOSS PER DISCONNECT	CONNECTING FORCE		DISCONNECTING FORCE	
	PRES.DROP (kPa)	L/MIN	GPM		N	lbf	N	lbf
6	250	12	2,64	0,8	1	0,74	0,5	0,37
10	200	23	5,06	1,4	1	0,74	0,5	0,37
12,5	150	45	9,91	2,7	1,5	1,11	1,2	0,88
19	220	106	23,34	9,3	2,5	1,84	2,2	1,62
25	270	189	41,62	15	3	2,22	2,5	1,84

POPPET SCREW - STC SERIES

NPT



TECHNICAL FEATURES AND OPTIONS

[CLICK HERE
FOR 3D SECTION](#)



Locking Mechanism
Screw to
Connect



Flow Rate
Up to 189 l / min



Material
Carbon Steel
Stainless Steel



Working Temperature
-20 °C / +100 °C



Interchange
ISO 14541



How to Connect
Screw



Operating Pressure
Up to 350 Bar



Available Threads
NPT



Under Residual Pressure
Connection: Both Side
Disconnection: Allowed



Available Sizes
From 1/4" to 1"



Sealing Description
NBR - FKM



Valve Type
Popet

MAIN APPLICATIONS



OIL & GAS



AGRICULTURE



HYDRAULIC
INDUSTRY



EARTH MOVING



HYDRAULIC
EQUIPMENT



CONCRETE
VEHICLES



VEHICLES



CHEMICAL
INDUSTRY

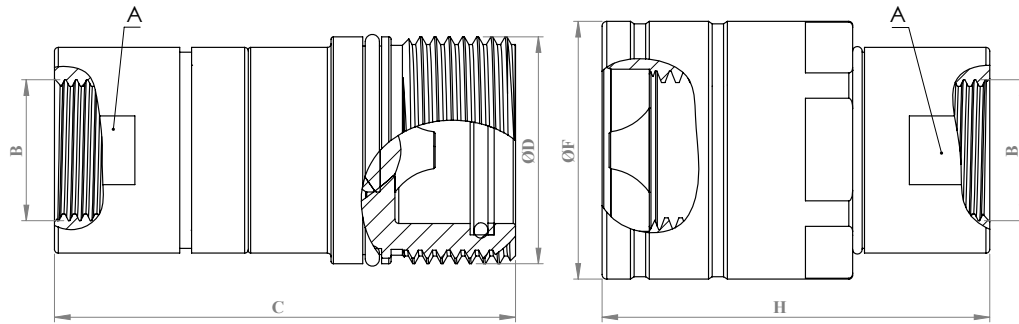
INFORMATION

- Connection under residual pressure is allowed on both sides.
- Disconnection under residual pressure is allowed.
- Top quality elastomer seals provide maximum sealing.
- The external sealing ring ensures a solid connection and prevents disconnection due to vibration.
- The design prevents pressure drops and turbulences.
- Durable, safe, compact and easy to use design.
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WARNING

- Connection and disconnection under dynamic pressure is not allowed.
- Connection and disconnection is not allowed when the temperature of the circulating fluid is above 80°C / 176°F.
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TECHNICAL DRAWING



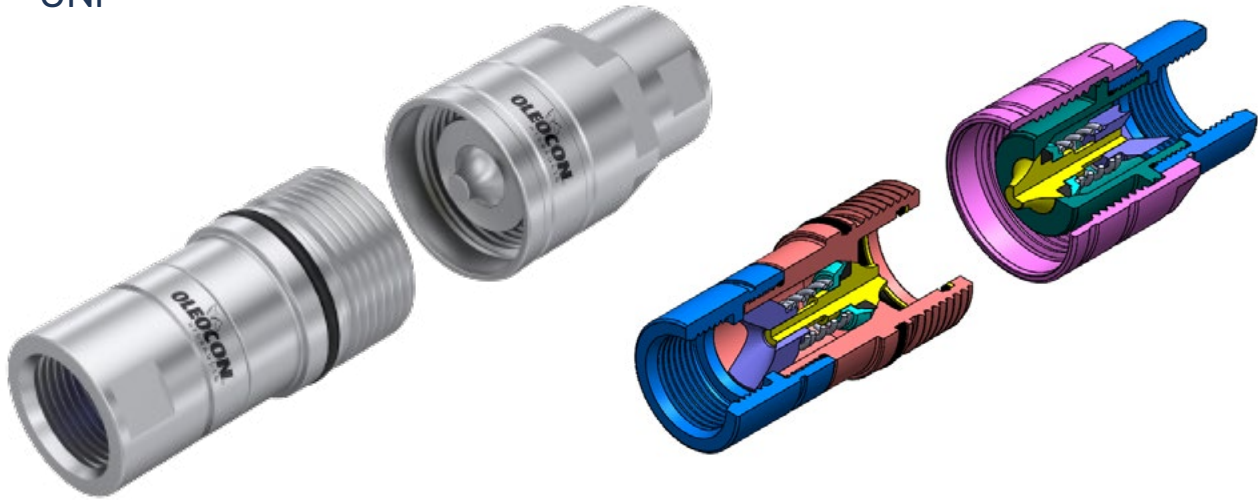
BODY SIZE	DESCRIPTION	COUPLING GENDER	Hex			THREAD SIZE(B)	DIAMETER			LENGTH			WEIGHT	
				mm	inch			mm	inch		mm	inch	kg	lbs
6.3	STC-6A-NPT14	FEMALE	A	17	0,66	1/4"	D	M24*2	-	C	61,7	2,42	0,14	0,308
	STC-6B-NPT14	MALE	E	30	1,18	1/4"	F	34	-	H	59	2,32	0,23	0,48
10	STC-10A-NPT38	FEMALE	A	22	0,86	3/8"	D	M28*2	-	C	62,9	2,47	0,18	0,37
	STC-10B-NPT38	MALE	E	30	1,18	3/8"	F	34	-	H	60,5	2,38	0,23	0,48
12,5	STC-12A-NPT12	FEMALE	A	27	1,06	1/2"	D	M36*2	-	C	69	2,71	0,32	0,66
	STC-12B-NPT12	MALE	E	36	1,41	1/2"	F	42,1	-	H	63,8	2,51	0,31	0,66
19	STC-20A-NPT34	FEMALE	A	32	1,25	3/4"	D	M42*2	-	C	85,5	3,36	0,49	1,05
	STC-20B-NPT34	MALE	E	41	1,61	3/4"	F	48,5	-	H	76	2,99	0,47	1,01
25	STC-25A-NPT1	FEMALE	A	41	1,61	1"	D	M48*3	-	C	97,5	3,83	0,72	1,51
	STC-25B-NPT1	MALE	E	50	1,96	1"	F	54,5	-	H	82	3,22	0,68	1,45

ASME.B1.20.1.NPT

BODY SIZE	WORKING PRESSURE						BURST PRESSURE					
	COUPLE		FEMALE		MALE		COUPLE		FEMALE		MALE	
	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI
6	35	5075	35	5075	35	5075	140	20300	140	20300	140	20300
10	30	4350	30	4350	30	4350	120	17400	120	17400	120	17400
12,5	30	4350	30	4350	30	4350	120	17400	120	17400	120	17400
19	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
25	20	2900	20	2900	20	2900	80	11600	80	11600	80	11600

POPPET SCREW - STC SERIES

UNF



TECHNICAL FEATURES AND OPTIONS

[CLICK HERE
FOR 3D SECTION](#)



Locking Mechanism
Screw to
Connect



Flow Rate
Up to 189 l / min



Material
Carbon Steel
Stainless Steel



Working Temperature
-20 °C / +100 °C



Interchange
ISO 14541



How to Connect
Screw



Operating Pressure
Up to 350 Bar



Available Threads
UNF



Under Residual Pressure
Connetion: Both Side
Disconnection: Allowed



Available Sizes
From 1/4" to 1"



Sealing Description
NBR - FKM



Valve Type
Popet

MAIN APPLICATIONS



OIL & GAS



AGRICULTURE

HYDRAULIC
INDUSTRY

EARTH MOVING

HYDRAULIC
EQUIPMENTCONCRETE
VEHICLES

VEHICLES

CHEMICAL
INDUSTRY

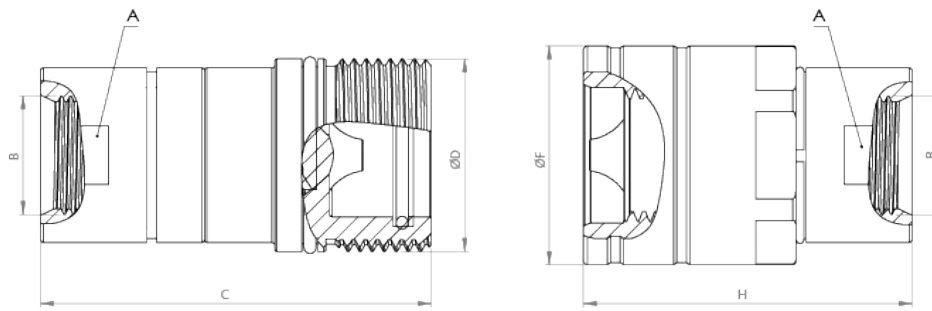
INFORMATION

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TECHNICAL DRAWING



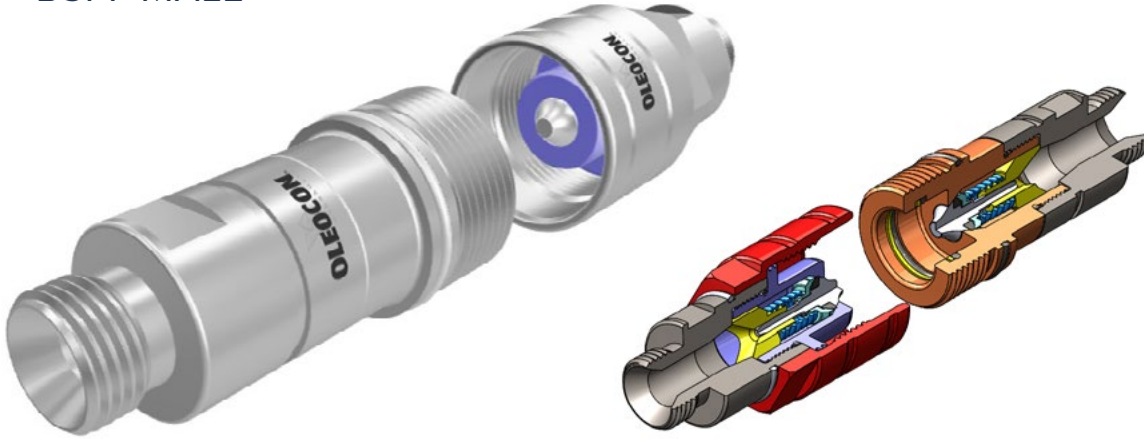
BODY SIZE	DESCRIPTION	COUPLING GENDER	Hex			THREAD SIZE(B)	DIAMETER			LENGTH			WEIGHT	
				mm	inch			mm	inch		mm	inch	kg	lbs
6,3	STC-6A-SAE4	FEMALE	A	17	0,66	7/16 UNF	D	M24*2	-	C	61,7	2,42	0,12	0,264
	STC-6B-SAE4	MALE	E	30	1,18	7/16 UNF	F	34	-	H	59	2,32	0,21	0,462
10	STC-10A-SAE6	FEMALE	A	22	0,86	9/16 UNF	D	M28*2	-	C	62,9	2,47	0,16	0,352
	STC-10B-SAE6	MALE	E	30	1,18	9/16 UNF	F	34	-	H	60,5	2,38	0,21	0,462
12,5	STC-12A-SAE8	FEMALE	A	27	1,06	3/4 UNF	D	M36*2	-	C	69	2,71	0,31	0,682
	STC-12B-SAE8	MALE	E	36	1,41	3/4 UNF	F	42,1	-	H	63,8	2,51	0,31	0,682
19	STC-20A-SAE12	FEMALE	A	32	1,25	1 1/16 UN	D	M42*2	-	C	85,5	3,36	0,49	1,078
	STC-20B-SAE12	MALE	E	41	1,61	1 1/16 UN	F	48,5	-	H	76	2,99	0,47	1,034
25	STC-25A-SAE16	FEMALE	A	41	1,61	1 5/16 UN	D	M48*3	-	C	97,5	3,83	0,71	1,562
	STC-25B-SAE16	MALE	E	50	1,96	1 5/16 UN	F	54,5	-	H	82	3,22	0,68	1,496

ISO 11926-1

BODY SIZE	WORKING PRESSURE						BURST PRESSURE					
	COUPLE		FEMALE		MALE		COUPLE		FEMALE		MALE	
	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI
6	35	5075	35	5075	35	5075	140	20300	140	20300	140	20300
10	30	4350	30	4350	30	4350	120	17400	120	17400	120	17400
12,5	30	4350	30	4350	30	4350	120	17400	120	17400	120	17400
19	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
25	20	2900	20	2900	20	2900	80	11600	80	11600	80	11600

POPPET SCREW - STC SERIES

BSPP MALE



TECHNICAL FEATURES AND OPTIONS

[CLICK HERE
FOR 3D SECTION](#)



Locking Mechanism
Screw to
Connect



Flow Rate
Up to 189 l / min



Material
Carbon Steel
Stainless Steel



Working Temperature
-20 °C / +100 °C



Interchange
ISO 14541



How to Connect
Screw



Operating Pressure
Up to 350 Bar



Available Threads
BSPP



Under Residual Pressure
Connetion: Both Side
Disconnection: Allowed



Available Sizes
From 1/4" to 1"



Sealing Description
NBR - FKM



Valve Type
Popet

MAIN APPLICATIONS



OIL & GAS



AGRICULTURE



HYDRAULIC
INDUSTRY



EARTH MOVING



HYDRAULIC
EQUIPMENT



CONCRETE
VEHICLES



VEHICLES



CHEMICAL
INDUSTRY

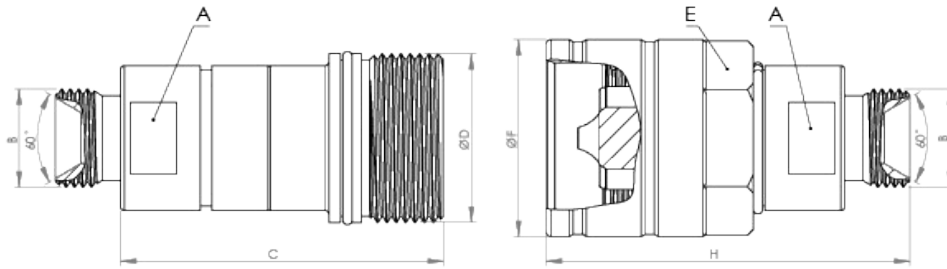
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TECHNICAL DRAWING



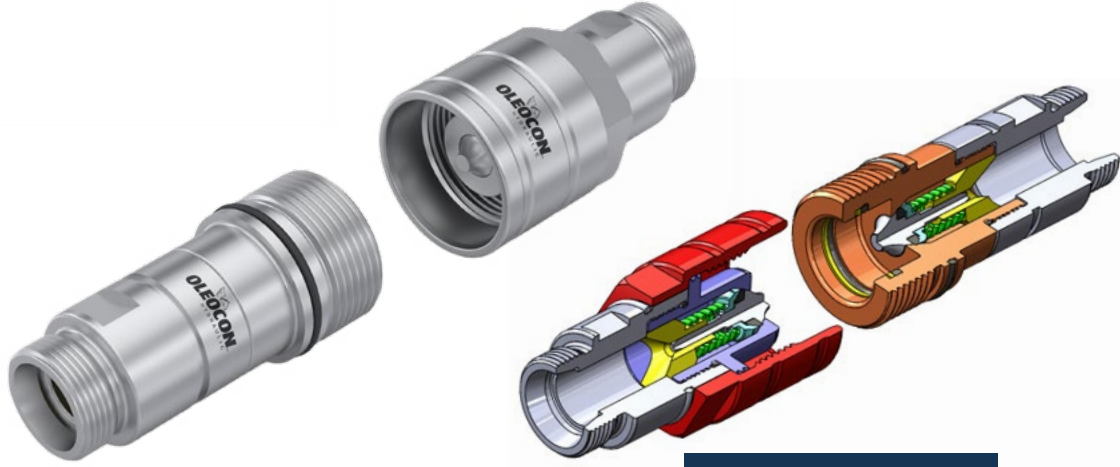
BODY SIZE	DESCRIPTION	COUPLING GENDER	Hex			THREAD SIZE(B)	DIAMETER			LENGTH			WEIGHT	
				mm	inch			mm	inch		mm	inch	kg	lbs
6,3	STC-6A-MG14	FEMALE	A	17	0,66	1/4"	D	M24*2	-	C	61,7	2,42	0,23	0,506
	STC-6B-MG14	MALE	E	30	1,18	1/4"	F	34	-	H	59	2,32	0,15	0,33
10	STC-10A-MG38	FEMALE	A	22	0,86	3/8"	D	M28*2	-	C	62,9	2,47	0,23	0,506
	STC-10B-MG38	MALE	E	30	1,18	3/8"	F	34	-	H	60,5	2,38	0,2	0,44
12,5	STC-12A-MG12	FEMALE	A	27	1,06	1/2"	D	M36*2	-	C	69	2,71	0,36	0,792
	STC-12B-MG12	MALE	E	36	1,41	1/2"	F	42,1	-	H	63,8	2,51	0,35	0,77
19	STC-20A-MG34	FEMALE	A	32	1,25	3/4"	D	M42*2	-	C	85,5	3,36	0,55	1,21
	STC-20B-MG34	MALE	E	41	1,61	3/4"	F	48,5	-	H	76	2,99	0,53	1,166
25	STC-25A-MG1	FEMALE	A	41	1,61	1"	D	M48*3	-	C	97,5	3,83	0,78	1,716
	STC-25B-MG1	MALE	E	50	1,96	1"	F	54,5	-	H	82	3,22	0,81	1,782

ISO-8434-6

BODY SIZE	WORKING PRESSURE						BURST PRESSURE					
	COUPLE		FEMALE		MALE		COUPLE		FEMALE		MALE	
	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI
6	35	5075	35	5075	35	5075	140	20300	140	20300	140	20300
10	30	4350	30	4350	30	4350	120	17400	120	17400	120	17400
12,5	30	4350	30	4350	30	4350	120	17400	120	17400	120	17400
19	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
25	20	2900	20	2900	20	2900	80	11600	80	11600	80	11600

POPPET SCREW - STC SERIES

METRIC (L)



[CLICK HERE
FOR 3D SECTION](#)

TECHNICAL FEATURES AND OPTIONS



Locking Mechanism
Screw to
Connect



Flow Rate
Up to 189 l / min



Material
Carbon Steel
Stainless Steel



Working Temperature
-20 °C / +100 °C



Interchange
ISO 14541



How to Connect
Screw



Operating Pressure
Up to 350 Bar



Available Threads
Metric



Under Residual Pressure
Connetion: Both Side
Disconnection: Allowed



Available Sizes
From 1/4" to 1"



Sealing Description
NBR - FKM



Valve Type
Poppet

MAIN APPLICATIONS



OIL & GAS



AGRICULTURE



HYDRAULIC
INDUSTRY



EARTH MOVING



HYDRAULIC
EQUIPMENT



CONCRETE
VEHICLES



VEHICLES



CHEMICAL
INDUSTRY

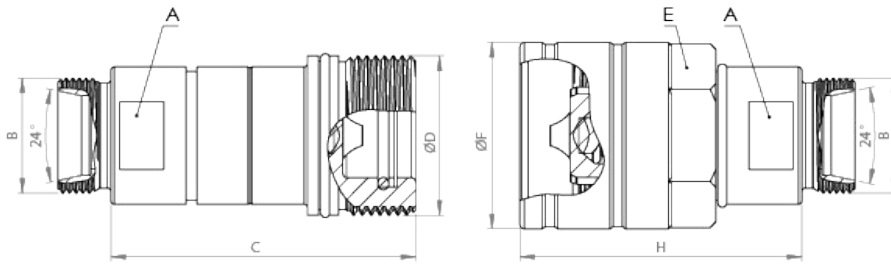
INFORMATION

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TECHNICAL DRAWING



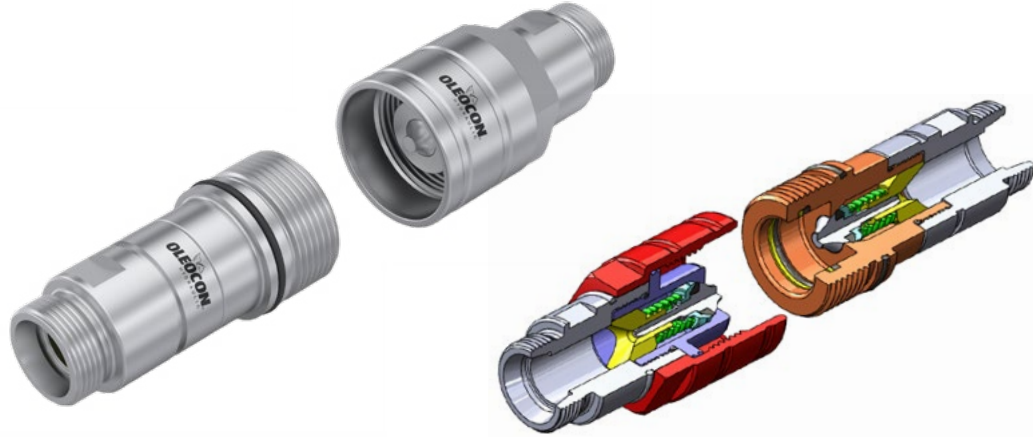
BODY SIZE	DESCRIPTION	COUPLING GENDER	Hex			THREAD SIZE(B)	DIAMETER			LENGTH			WEIGHT	
				mm	inch			mm	inch		mm	inch	kg	lbs
6,3	STC-6A-M6L	FEMALE	A	17	0,66	M12*1,5	D	M24*2	-	C	61,7	2,42	0,24	0,528
	STC-6B-M6L	MALE	E	30	1,18	M12*1,5	F	34	-	H	59	2,32	0,15	0,33
10	STC-10A-M8L	FEMALE	A	22	0,86	M14*1,5	D	M28*2	-	C	62,9	2,47	0,22	0,484
	STC-10B-M8L	MALE	E	30	1,18	M14*1,5	F	34	-	H	60,5	2,38	0,2	0,44
	STC-10A-M10L	FEMALE	A	22	0,86	M16*1,5	D	M28*2	-	C	62,9	2,47	0,23	0,506
	STC-10B-M10L	MALE	E	30	1,18	M16*1,5	F	34	-	H	60,5	2,38	0,21	0,462
	STC-10A-M12L	FEMALE	A	22	0,86	M18*1,5	D	M28*2	-	C	62,9	2,47	0,22	0,484
	STC-10B-M12L	MALE	E	30	1,18	M18*1,5	F	34	-	H	60,5	2,38	0,2	0,44
12,5	STC-12A-M12L	FEMALE	A	27	1,06	M18*1,5	D	M36*2	-	C	69	2,71	0,35	0,77
	STC-12B-M12L	MALE	E	36	1,41	M18*1,5	F	42,1	-	H	63,8	2,51	0,33	0,726
	STC-12A-M15L	FEMALE	A	27	1,06	M22*1,5	D	M36*2	-	C	69	2,71	0,35	0,77
	STC-12B-M15L	MALE	E	36	1,41	M22*1,5	F	42,1	-	H	63,8	2,51	0,34	0,748
	STC-12A-M18L	FEMALE	A	27	1,06	M26*1,5	D	M36*2	-	C	69	2,71	0,35	0,77
	STC-12B-M18L	MALE	E	36	1,41	M26*1,5	F	42,1	-	H	63,8	2,51	0,34	0,748
19	STC-20A-M15L	FEMALE	A	32	1,25	M22*1,5	D	M42*2	-	C	85,5	3,36	0,54	1,188
	STC-20B-M15L	MALE	E	41	1,61	M22*1,5	F	48,5	-	H	76	2,99	0,52	1,144
	STC-20A-M18L	FEMALE	A	32	1,25	M26*1,5	D	M42*2	-	C	85,5	3,36	0,55	1,21
	STC-20B-M18L	MALE	E	41	1,61	M26*1,5	F	48,5	-	H	76	2,99	0,53	1,166
	STC-20A-M22L	FEMALE	A	32	1,25	M30*2	D	M42*2	-	C	85,5	3,36	0,54	1,188
	STC-20B-M22L	MALE	E	41	1,61	M30*2	F	48,5	-	H	76	2,99	0,52	1,144
25	STC-25A-M18L	FEMALE	A	41	1,61	M26*1,5	D	M48*3	-	C	97,5	3,83	0,78	1,716
	STC-25B-M18L	MALE	E	50	1,96	M26*1,5	F	54,5	-	H	82	3,22	0,81	1,782
	STC-25A-M22L	FEMALE	A	41	1,61	M30*2	D	M48*3	-	C	97,5	3,83	0,78	1,716
	STC-25B-M22L	MALE	E	50	1,96	M30*2	F	54,5	-	H	82	3,22	0,805	1,771
	STC-25A-M28L	FEMALE	A	41	1,61	M36*2	D	M48*3	-	C	97,5	3,83	0,76	1,672
	STC-25B-M28L	MALE	E	50	1,96	M36*2	F	54,5	-	H	82	3,22	0,79	1,738

ISO-8434-1

BODY SIZE	WORKING PRESSURE						BURST PRESSURE					
	COUPLE		FEMALE		MALE		COUPLE		FEMALE		MALE	
	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI
6	35	5075	35	5075	35	5075	140	20300	140	20300	140	20300
10	30	4350	30	4350	30	4350	120	17400	120	17400	120	17400
12,5	30	4350	30	4350	30	4350	120	17400	120	17400	120	17400
19	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
25	20	2900	20	2900	20	2900	80	11600	80	11600	80	11600

POPPET SCREW - STC SERIES

METRIC (S)



TECHNICAL FEATURES AND OPTIONS

[CLICK HERE
FOR 3D SECTION](#)



Locking Mechanism
Screw to
Connect



Flow Rate
Up to 189 l / min



Material
Carbon Steel
Stainless Steel



Working Temperature
-20 °C / +100 °C



Interchange
ISO 14541



How to Connect
Screw



Operating Pressure
Up to 350 Bar



Available Threads
Metric



Under Residual Pressure
Connection: Both Side
Disconnection: Allowed



Available Sizes
From 1/4" to 1"



Sealing Description
NBR - FKM



Valve Type
Popet

MAIN APPLICATIONS



OIL & GAS



AGRICULTURE



HYDRAULIC
INDUSTRY



EARTH MOVING



HYDRAULIC
EQUIPMENT



CONCRETE
VEHICLES



VEHICLES



CHEMICAL
INDUSTRY

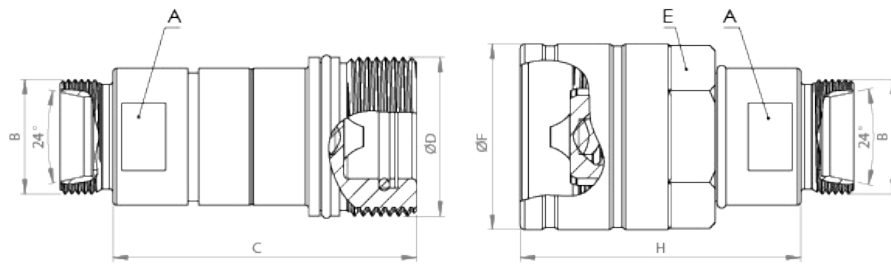
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TECHNICAL DRAWING



BODY SIZE	DESCRIPTION	COUPLING GENDER	Hex			THREAD SIZE(B)	DIAMETER			LENGTH			WEIGHT	
				mm	inch			mm	inch		mm	inch	kg	lbs
6,3	STC-6A-M6S	FEMALE	A	17	0,66	M14*1,5	D	M24*2	-	C	61,7	2,42	0,24	0,528
	STC-6B-M6S	MALE	E	30	1,18	M14*1,5	F	34	-	H	59	2,32	0,15	0,33
10	STC-10A-M8S	FEMALE	A	22	0,86	M16*1,5	D	M28*2	-	C	62,9	2,47	0,23	0,506
	STC-10B-M8S	MALE	E	30	1,18	M16*1,5	F	34	-	H	60,5	2,38	0,2	0,44
	STC-10A-M10S	FEMALE	A	22	0,86	M18*1,5	D	M28*2	-	C	62,9	2,47	0,23	0,506
	STC-10B-M10S	MALE	E	30	1,18	M18*1,5	F	34	-	H	60,5	2,38	0,2	0,44
	STC-10A-M12S	FEMALE	A	22	0,86	M20*1,5	D	M28*2	-	C	62,9	2,47	0,23	0,506
	STC-10B-M12S	MALE	E	30	1,18	M20*1,5	F	34	-	H	60,5	2,38	0,2	0,44
12,5	STC-12A-M10S	FEMALE	A	27	1,06	M18*1,5	D	M36*2	-	C	69	2,71	0,35	0,77
	STC-12B-M10S	MALE	E	36	1,41	M18*1,5	F	42,1	-	H	63,8	2,51	0,34	0,748
	STC-12A-M12S	FEMALE	A	27	1,06	M20*1,5	D	M36*2	-	C	69	2,71	0,36	0,792
	STC-12B-M12S	MALE	E	36	1,41	M20*1,5	F	42,1	-	H	63,8	2,51	0,35	0,77
	STC-12A-M16S	FEMALE	A	27	1,06	M24*1,5	D	M36*2	-	C	69	2,71	0,36	0,792
	STC-12B-M16S	MALE	E	36	1,41	M24*1,5	F	42,1	-	H	63,8	2,51	0,35	0,77
19	STC-20A-M12S	FEMALE	A	32	1,25	M20*1,5	D	M42*2	-	C	85,5	3,36	0,56	1,232
	STC-20B-M12S	MALE	E	41	1,61	M20*1,5	F	48,5	-	H	76	2,99	0,54	1,188
	STC-20A-M16S	FEMALE	A	32	1,25	M24*1,5	D	M42*2	-	C	85,5	3,36	0,57	1,254
	STC-20B-M16S	MALE	E	41	1,61	M24*1,5	F	48,5	-	H	76	2,99	0,54	1,188
	STC-20A-M20S	FEMALE	A	32	1,25	M30*2	D	M42*2	-	C	85,5	3,36	0,57	1,254
	STC-20B-M20S	MALE	E	41	1,61	M30*2	F	48,5	-	H	76	2,99	0,55	1,21
25	STC-25A-M16S	FEMALE	A	41	1,61	M24*1,5	D	M48*3	-	C	97,5	3,83	0,67	1,474
	STC-25B-M16S	MALE	E	50	1,96	M24*1,5	F	54,5	-	H	82	3,22	0,65	1,43
	STC-25A-M20S	FEMALE	A	41	1,61	M30*2	D	M48*3	-	C	97,5	3,83	0,68	1,496
	STC-25B-M20S	MALE	E	50	1,96	M30*2	F	54,5	-	H	82	3,22	0,66	1,452
	STC-25A-M25S	FEMALE	A	41	1,61	M36*2	D	M48*3	-	C	97,5	3,83	0,69	1,518
	STC-25B-M25S	MALE	E	50	1,96	M36*2	F	54,5	-	H	82	3,22	0,67	1,474

ISO-8434-1

BODY SIZE	WORKING PRESSURE						BURST PRESSURE					
	COUPLE		FEMALE		MALE		COUPLE		FEMALE		MALE	
	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI
6	35	5075	35	5075	35	5075	140	20300	140	20300	140	20300
10	30	4350	30	4350	30	4350	120	17400	120	17400	120	17400
12,5	30	4350	30	4350	30	4350	120	17400	120	17400	120	17400
19	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
25	20	2900	20	2900	20	2900	80	11600	80	11600	80	11600

POPPET SCREW - STC SERIES

METRIC (L) BULKHEAD



TECHNICAL FEATURES AND OPTIONS

[CLICK HERE
FOR 3D SECTION](#)



Locking Mechanism
Screw to
Connect



Flow Rate
Up to 189 l / min



Material
Carbon Steel
Stainless Steel



Working Temperature
-20 °C / +100 °C



Interchange
ISO 14541



How to Connect
Screw



Operating Pressure
Up to 350 Bar



Available Threads
Metric



Under Residual Pressure
Connetion: Both Side
Disconnection: Allowed



Available Sizes
From 1/4" to 1"



Sealing Description
NBR - FKM



Valve Type
Popet

MAIN APPLICATIONS



OIL & GAS



AGRICULTURE



HYDRAULIC
INDUSTRY



EARTH MOVING



HYDRAULIC
EQUIPMENT



CONCRETE
VEHICLES



VEHICLES



CHEMICAL
INDUSTRY

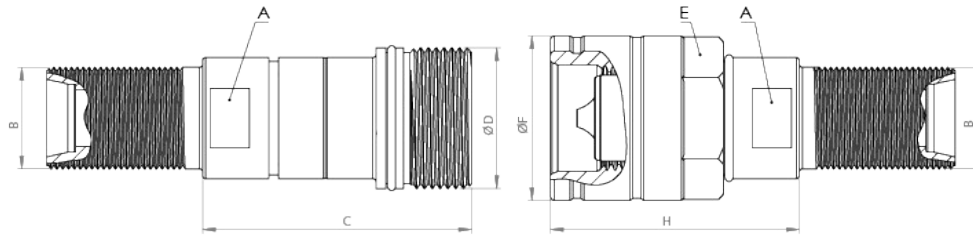
INFORMATION

- Connection under residual pressure is allowed on both sides.
- Disconnection under residual pressure is allowed.
- Top quality elastomer seals provide maximum sealing.
- The external sealing ring ensures a solid connection and prevents disconnection due to vibration.
- The design prevents pressure drops and turbulences.
- Durable, safe, compact and easy to use design.
- Please clean the mating surfaces thoroughly before connecting, in order to prevent contaminants to enter into the system.
- Please make sure that the male and female parts are aligned properly to achieve full connection.

WARNING

- Connection and disconnection under dynamic pressure is not allowed.
- Connection and disconnection is not allowed when the temperature of the circulating fluid is above 80°C / 176°F.
- Make sure the system pressure is below the maximum working pressure.
- Please ensure that the OLEOCON product you have chosen is compatible with the temperature, material and pressure requirements of your system.
- Please contact OLEOCON technical support for any further questions.

TECHNICAL DRAWING



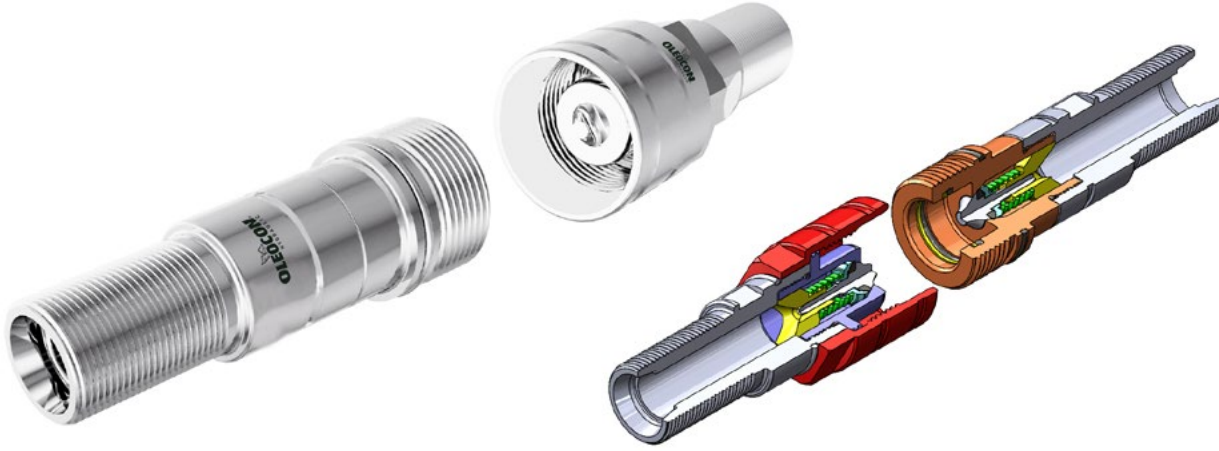
BODY SIZE	DESCRIPTION	COUPLING GENDER	Hex			THREAD SIZE(B)	DIAMETER			LENGTH			WEIGHT	
				mm	inch			mm	inch		mm	inch	kg	lbs
6,3	STC-6A-M6L-BH	FEMALE	A	17	0.66	M12*1.5	D	M24*2	-	C	61.7	2.42	0.25	0.55
	STC-6B-M6L-BH	MALE	E	30	1.18	M12*1.5	F	34	-	H	59	2.32	0.16	0.352
10	STC-10A-M8L-BH	FEMALE	A	22	0.86	M14*1.5	D	M28*2	-	C	62.9	2.47	0.24	0.528
	STC-10B-M8L-BH	MALE	E	30	1.18	M14*1.5	F	34	-	H	60.5	2.38	0.21	0.462
	STC-10A-M10L-BH	FEMALE	A	22	0.86	M16*1.5	D	M28*2	-	C	62.9	2.47	0.25	0.55
	STC-10B-M10L-BH	MALE	E	30	1.18	M16*1.5	F	34	-	H	60.5	2.38	0.22	0.484
	STC-10A-M12L-BH	FEMALE	A	22	0.86	M18*1.5	D	M28*2	-	C	62.9	2.47	0.26	0.572
	STC-10B-M12L-BH	MALE	E	30	1.18	M18*1.5	F	34	-	H	60.5	2.38	0.23	0.506
12,5	STC-12A-M12L-BH	FEMALE	A	27	1.06	M18*1.5	D	M36*2	-	C	69	2.71	0.38	0.836
	STC-12B-M12L-BH	MALE	E	36	1.41	M18*1.5	F	42.1	-	H	63.8	2.51	0.37	0.814
	STC-12A-M15L-BH	FEMALE	A	27	1.06	M22*1.5	D	M36*2	-	C	69	2.71	0.4	0.88
	STC-12B-M15L-BH	MALE	E	36	1.41	M22*1.5	F	42.1	-	H	63.8	2.51	0.39	0.858
	STC-12A-M18L-BH	FEMALE	A	27	1.06	M26*1.5	D	M36*2	-	C	69	2.71	0.42	0.924
	STC-12B-M18L-BH	MALE	E	36	1.41	M26*1.5	F	42.1	-	H	63.8	2.51	0.41	0.902
19	STC-20A-M15L-BH	FEMALE	A	32	1.25	M22*1.5	D	M42*2	-	C	85.5	3.36	0.59	1.298
	STC-20B-M15L-BH	MALE	E	41	1.61	M22*1.5	F	48.5	-	H	76	2.99	0.57	1.254
	STC-20A-M18L-BH	FEMALE	A	32	1.25	M26*1.5	D	M42*2	-	C	85.5	3.36	0.62	1.364
	STC-20B-M18L-BH	MALE	E	41	1.61	M26*1.5	F	48.5	-	H	76	2.99	0.6	1.32
	STC-20A-M22L-BH	FEMALE	A	32	1.25	M30*2	D	M42*2	-	C	85.5	3.36	0.63	1.386
	STC-20B-M22L-BH	MALE	E	41	1.61	M30*2	F	48.5	-	H	76	2.99	0.61	1.342
25	STC-25A-M18L-BH	FEMALE	A	41	1.61	M26*1.5	D	M48*3	-	C	97.5	3.83	0.85	1.87
	STC-25B-M18L-BH	MALE	E	50	1.96	M26*1.5	F	54.5	-	H	82	3.22	0.88	1.936
	STC-25A-M22L-BH	FEMALE	A	41	1.61	M30*2	D	M48*3	-	C	97.5	3.83	0.86	1.892
	STC-25B-M22L-BH	MALE	E	50	1.96	M30*2	F	54.5	-	H	82	3.22	0.89	1.958
	STC-25A-M28L-BH	FEMALE	A	41	1.61	M36*2	D	M48*3	-	C	97.5	3.83	0.87	1.914
	STC-25B-M28L-BH	MALE	E	50	1.96	M36*2	F	54.5	-	H	82	3.22	0.9	1.98

ISO 8434-1

BODY SIZE	WORKING PRESSURE						BURST PRESSURE					
	COUPLE		FEMALE		MALE		COUPLE		FEMALE		MALE	
	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI
6	35	5075	35	5075	35	5075	140	20300	140	20300	140	20300
10	30	4350	30	4350	30	4350	120	17400	120	17400	120	17400
12,5	30	4350	30	4350	30	4350	120	17400	120	17400	120	17400
19	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
25	20	2900	20	2900	20	2900	80	11600	80	11600	80	11600

POPPET SCREW - STC SERIES

METRIC (S) BULKHEAD



TECHNICAL FEATURES AND OPTIONS

[CLICK HERE
FOR 3D SECTION](#)



Locking Mechanism
Screw to
Connect



Flow Rate
Up to 189 l / min



Material
Carbon Steel
Stainless Steel



Working Temperature
-20 °C / +100 °C



Interchange
ISO 14541



How to Connect
Screw



Operating Pressure
Up to 350 Bar



Available Threads
Metric



Under Residual Pressure
Connetion: Both Side
Disconnection: Allowed



Available Sizes
From 1/4" to 1"



Sealing Description
NBR - FKM



Valve Type
Poppet

MAIN APPLICATIONS



OIL & GAS



AGRICULTURE



HYDRAULIC
INDUSTRY



EARTH MOVING



HYDRAULIC
EQUIPMENT



CONCRETE
VEHICLES



VEHICLES



CHEMICAL
INDUSTRY

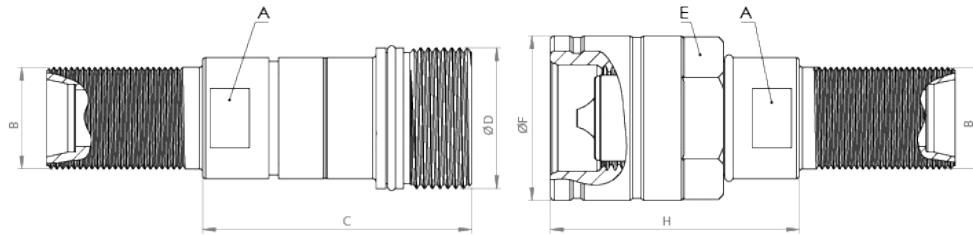
INFORMATION

- Connection under residual pressure is allowed on both sides.
- Disconnection under residual pressure is allowed.
- Top quality elastomer seals provide maximum sealing.
- The external sealing ring ensures a solid connection and prevents disconnection due to vibration.
- The design prevents pressure drops and turbulences.
- Durable, safe, compact and easy to use design.
- Please clean the mating surfaces thoroughly before connecting, in order to prevent contaminants to enter into the system.
- Please make sure that the male and female parts are aligned properly to achieve full connection.

WARNING

- Connection and disconnection under dynamic pressure is not allowed.
- Connection and disconnection is not allowed when the temperature of the circulating fluid is above 80°C / 176°F.
- Make sure the system pressure is below the maximum working pressure.
- Please ensure that the OLEOCON product you have chosen is compatible with the temperature, material and pressure requirements of your system.
- Please contact OLEOCON technical support for any further questions.

TECHNICAL DRAWING



BODY SIZE	DESCRIPTION	COUPLING GENDER	Hex			THREAD SIZE(B)	DIAMETER			LENGTH			WEIGHT	
				mm	inch			mm	inch		mm	inch	kg	lbs
6,3	STC-6A-M6S-BH	FEMALE	A	17	0.66	M14*1.5	D	M24*2	-	C	61,7	2,42	0.26	0.572
	STC-6B-M6S-BH	MALE	E	30	1.18	M14*1.5	F	34	-	H	59	2,32	0.17	0.374
10	STC-10A-M8S-BH	FEMALE	A	22	0.86	M16*1.5	D	M28*2	-	C	62.9	2.47	0.26	0.572
	STC-10B-M8S-BH	MALE	E	30	1.18	M16*1.5	F	34	-	H	60.5	2.38	0.23	0.506
	STC-10A-M10S-BH	FEMALE	A	22	0.86	M18*1.5	D	M28*2	-	C	62.9	2.47	0.27	0.594
	STC-10B-M10S-BH	MALE	E	30	1.18	M18*1.5	F	34	-	H	60.5	2.38	0.24	0.528
	STC-10A-M12S-BH	FEMALE	A	22	0.86	M20*1.5	D	M28*2	-	C	62.9	2.47	0.28	0.616
	STC-10B-M12S-BH	MALE	E	30	1.18	M20*1.5	F	34	-	H	60.5	2.38	0.25	0.55
12,5	STC-12A-M10S-BH	FEMALE	A	27	1.06	M18*1.5	D	M36*2	-	C	69	2.71	0.39	0.858
	STC-12B-M10S-BH	MALE	E	36	1.41	M18*1.5	F	42.1	-	H	63.8	2.51	0.38	0.836
	STC-12A-M12S-BH	FEMALE	A	27	1.06	M20*1.5	D	M36*2	-	C	69	2.71	0.41	0.902
	STC-12B-M12S-BH	MALE	E	36	1.41	M20*1.5	F	42.1	-	H	63.8	2.51	0.4	0.88
	STC-12A-M16S-BH	FEMALE	A	27	1.06	M24*1.5	D	M36*2	-	C	69	2.71	0.43	0.946
	STC-12B-M16S-BH	MALE	E	36	1.41	M24*1.5	F	42.1	-	H	63.8	2.51	0.42	0.924
19	STC-20A-M12S-BH	FEMALE	A	32	1.25	M20*1.5	D	M42*2	-	C	85.5	3.36	0.61	1.342
	STC-20B-M12S-BH	MALE	E	41	1.61	M20*1.5	F	48.5	-	H	76	2.99	0.59	1.298
	STC-20A-M16S-BH	FEMALE	A	32	1.25	M24*1.5	D	M42*2	-	C	85.5	3.36	0.63	1.386
	STC-20B-M16S-BH	MALE	E	41	1.61	M24*1.5	F	48.5	-	H	76	2.99	0.61	1.342
	STC-20A-M20S-BH	FEMALE	A	32	1.25	M30*2	D	M42*2	-	C	85.5	3.36	0.67	1.474
	STC-20B-M20S-BH	MALE	E	41	1.61	M30*2	F	48.5	-	H	76	2.99	0.65	1.43
25	STC-25A-M16S-BH	FEMALE	A	41	1.61	M24*1.5	D	M48*3	-	C	97.5	3.83	0.85	1.87
	STC-25B-M16S-BH	MALE	E	50	1.96	M24*1.5	F	54.5	-	H	82	3.22	0.88	1.936
	STC-25A-M20S-BH	FEMALE	A	41	1.61	M30*2	D	M48*3	-	C	97.5	3.83	0.9	1.98
	STC-25B-M20S-BH	MALE	E	50	1.96	M30*2	F	54.5	-	H	82	3.22	0.93	2.046
	STC-25A-M25S-BH	FEMALE	A	41	1.61	M36*2	D	M48*3	-	C	97.5	3.83	0.96	2.112
	STC-25B-M25S-BH	MALE	E	50	1.96	M36*2	F	54.5	-	H	82	3.22	0.99	2.178

ISO-8434-1

BODY SIZE	WORKING PRESSURE						BURST PRESSURE					
	COUPLE		FEMALE		MALE		COUPLE		FEMALE		MALE	
	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI
6	35	5075	35	5075	35	5075	140	20300	140	20300	140	20300
10	30	4350	30	4350	30	4350	120	17400	120	17400	120	17400
12,5	30	4350	30	4350	30	4350	120	17400	120	17400	120	17400
19	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
25	20	2900	20	2900	20	2900	80	11600	80	11600	80	11600

POPPET SCREW - STC SERIES

UNF MALE



TECHNICAL FEATURES AND OPTIONS

[CLICK HERE
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Locking Mechanism
Screw to
Connect



Flow Rate
Up to 189 l / min



Material
Carbon Steel
Stainless Steel



Working Temperature
-20 °C / +100 °C



Interchange
ISO 14541



How to Connect
Screw



Operating Pressure
Up to 350 Bar



Available Threads
UNF



Under Residual Pressure
Connetion: Both Side
Disconnection: Allowed



Available Sizes
From 1/4" to 1"



Sealing Description
NBR - FKM



Valve Type
Popet

MAIN APPLICATIONS



OIL & GAS



AGRICULTURE



HYDRAULIC
INDUSTRY



EARTH MOVING



HYDRAULIC
EQUIPMENT



CONCRETE
VEHICLES



VEHICLES



CHEMICAL
INDUSTRY

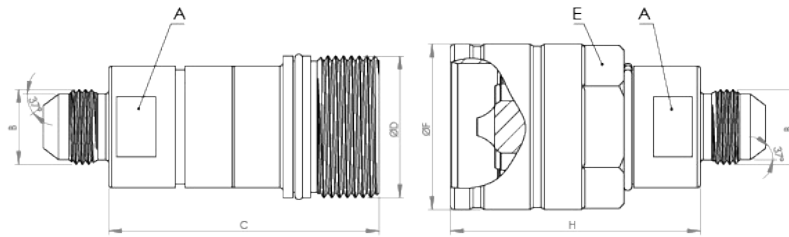
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- Please contact OLEOCON technical support for any further questions.

TECHNICAL DRAWING



BODY SIZE	DESCRIPTION	COUPLING GENDER	Hex			THREAD SIZE(B)	DIAMETER			LENGTH			WEIGHT	
				mm	inch			mm	inch		mm	inch	kg	lbs
6,3	STC-6A-MSAE4	FEMALE	A	17	0.66	7/16-20 UNF	D	M24*2	-	C	61.7	2.42	0.24	0.528
	STC-6B-MSAE4	MALE	E	30	1.18	7/16-20 UNF	F	34	-	H	59	2.32	0.15	0.33
10	STC-10A-MSAE5	FEMALE	A	22	0.86	1/2-20UNF	D	M28*2	-	C	62.9	2.47	0.22	0.484
	STC-10B-MSAE5	MALE	E	30	1.18	1/2-20UNF	F	34	-	H	60.5	2.38	0.19	0.418
	STC-10A-MSAE6	FEMALE	A	22	0.86	9/16-18 UNF	D	M28*2	-	C	62.9	2.47	0.23	0.506
	STC-10B-MSAE6	MALE	E	30	1.18	9/16-18 UNF	F	34	-	H	60.5	2.38	0.2	0.44
	STC-10A-MSAE8	FEMALE	A	22	0.86	3/4- 16UNF	D	M28*2	-	C	62.9	2.47	0.23	0.506
	STC-10B-MSAE8	MALE	E	30	1.18	3/4- 16UNF	F	34	-	H	60.5	2.38	0.2	0.44
12.5	STC-12A-MSAE8	FEMALE	A	27	1.06	3/4- 16UNF	D	M36*2	-	C	69	2.71	0.36	0.792
	STC-12B-MSAE8	MALE	E	36	1.41	3/4- 16UNF	F	42.1	-	H	63.8	2.51	0.35	0.77
19	STC-20A-MSAE8	FEMALE	A	32	1.25	3/4- 16UNF	D	M42*2	-	C	85.5	3.36	0.56	1.232
	STC-20B-MSAE8	MALE	E	41	1.61	3/4- 16UNF	F	48.5	-	H	76	2.99	0.54	1.188
	STC-20A-MSAE10	FEMALE	A	32	1.25	7/8- 14UNF	D	M42*2	-	C	85.5	3.36	0.57	1.254
	STC-20B-MSAE10	MALE	E	41	1.61	7/8- 14UNF	F	48.5	-	H	76	2.99	0.55	1.21
	STC-20A-MSAE12	FEMALE	A	32	1.25	1 1/16- 12UN	D	M42*2	-	C	85.5	3.36	0.58	1.276
	STC-20B-MSAE12	MALE	E	41	1.61	1 1/16- 12UN	F	48.5	-	H	76	2.99	0.56	1.232
25	STC-25A-MSAE12	FEMALE	A	41	1.61	1 1/16- 12UN	D	M48*3	-	C	97.5	3.83	0.8	1.76
	STC-25B-MSAE12	MALE	E	50	1.96	1 1/16- 12UN	F	54.5	-	H	82	3.22	0.83	1.826

ISO-8434-2

BODY SIZE	WORKING PRESSURE						BURST PRESSURE					
	COUPLE		FEMALE		MALE		COUPLE		FEMALE		MALE	
	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI
6	35	5075	35	5075	35	5075	140	20300	140	20300	140	20300
10	30	4350	30	4350	30	4350	120	17400	120	17400	120	17400
12,5	30	4350	30	4350	30	4350	120	17400	120	17400	120	17400
19	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
25	20	2900	20	2900	20	2900	80	11600	80	11600	80	11600

POPPET SCREW - EST SERIES



TECHNICAL FEATURES AND OPTIONS



Locking Mechanism
Screw to
Connect



Flow Rate
Up to 189 l / min



Material
Carbon Steel
Stainless Steel



Working Temperature
-20 °C / +100 °C



Interchange
Market



How to Connect
Screw



Operating Pressure
Up to 350 Bar



Available Threads
BSP



Under Residual Pressure
Connetion: Both Side
Disconnection: Allowed



Available Sizes
From 3/4" to 1"



Sealing Description
NBR - FKM



Valve Type
Popet

MAIN APPLICATIONS



OIL & GAS



AGRICULTURE



HYDRAULIC
INDUSTRY



EARTH MOVING



HYDRAULIC
EQUIPMENT



CONCRETE
VEHICLES



VEHICLES



CHEMICAL
INDUSTRY

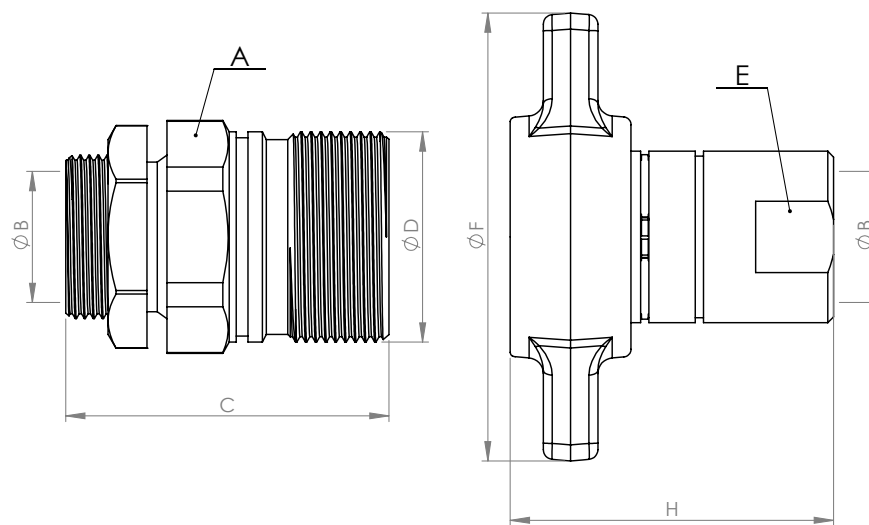
INFORMATION

- Screw to connect design eliminates brinelling.
- Connection under residual pressure is allowed on both sides.
- Disconnection under residual pressure is allowed.
- Top quality elastomer seals provide maximum sealing.
- Male has external thread for bulkhead mounting.
- The design prevents pressure drops and turbulences.
- Durable, safe, compact and easy to use design.
- Please clean the mating surfaces thoroughly before connecting, in order to prevent contaminants to enter into the system.
- Please make sure that the male and female parts are aligned properly to achieve full connection.

WARNING

- Connection and disconnection under dynamic pressure is not allowed.
- Connection and disconnection is not allowed when the temperature of the circulating fluid is above 80°C / 176°F.
- Make sure the system pressure is below the maximum working pressure.
- Please ensure that the OLEOCON product you have chosen is compatible with the temperature, material and pressure requirements of your system.
- Please contact OLEOCON technical support for any further questions.

TECHNICAL DRAWING



BODY SIZE	DESCRIPTION	COUPLING GENDER	THREAD TYPE	Hex			THREAD SIZE(B)	DIAMETER			LENGTH			WEIGHT	
					mm	inch			mm	inch		mm	inch	kg	lbs
19	EST-20A-G34	FEMALE	BSPP	A	46	1,81	3/4"	D	44,4	1,75	C	78	3,07	0,72	1,587
	EST-20B-G34	MALE	BSPP	E	33	1,3	3/4"	F	115	4,53	H	78	3,07	0,83	1,83
25	EST-25A-G1	FEMALE	BSPP	A	55	2,17	1"	D	54	2,13	C	83	3,27	0,89	1,962
	EST-25B-G1	MALE	BSPP	E	40	1,57	1"	F	115	4,53	H	83	3,27	0,85	1,874

BODY SIZE	WORKING PRESSURE						BURST PRESSURE					
	COUPLE		FEMALE		MALE		COUPLE		FEMALE		MALE	
	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI
19	35	5076	35	5076	35	5076	132,5	19213	130	18850	110	15950
25	30	4351	30	4351	30	4351	132,5	19213	90	13050	120	17400

BODY SIZE	RATED FLOW			FLUID LOSS PER DIS-CONNECT	CONNECTING FORCE		DISCONNECTING FORCE	
	PRES.DROP (kPa)	L/MIN	GPM		N	lbf	N	lbf
19	220	106	23,34	9,3	2,5	1,84	2,2	1,62
25	270	189	41,62	15	3	2,22	2,5	1,84

POPPET TYPE - QCA - A SERIES

BSPP



TECHNICAL FEATURES AND OPTIONS

[CLICK HERE
FOR 3D SECTION](#)



Locking Mechanism
Locking Ball System



Flow Rate
Up to 75 l / min



Material
Carbon Steel
Stainless Steel
Brass



Working Temperature
-20 °C / +100 °C



Interchange
ISO 7241-A



How to Connect
Push



Operating Pressure
Up to 250 Bar



Available Threads
BSPP



Under Residual Pressure
Connction: not Allowed
Disconnection: not Allowed



Body Sizes
ISO 6.3 - 50



Sealing Description
NBR - FKM



Valve Type
Poppet

MAIN APPLICATIONS



OIL & GAS



AGRICULTURE



HYDRAULIC
INDUSTRY



EARTH MOVING



HYDRAULIC
EQUIPMENT



CONCRETE
VEHICLES



VEHICLES



CHEMICAL
INDUSTRY

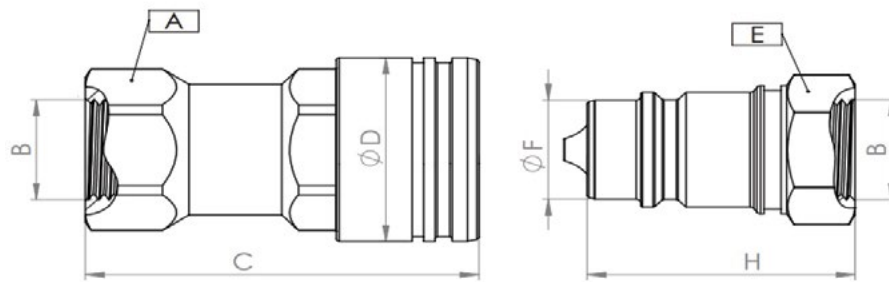
INFORMATION

- Do not connect or disconnect under residual pressure.
- Top quality elastomer seals provide maximum sealing.
- The external sealing ring ensures a solid connection and prevents disconnection due to vibration.
- The design prevents pressure drops and turbulences.
- Durable, safe, compact and easy to use design.
- Please clean the mating surfaces thoroughly before connecting, in order to prevent contaminants to enter into the system.
- Please make sure that the male and female parts are aligned properly to achieve full connection.

WARNING

- Connection and disconnection under dynamic pressure is not allowed.
- Connection and disconnection is not allowed when the temperature of the circulating fluid is above 80°C / 176°F.
- Make sure the system pressure is below the maximum working pressure.
- Please ensure that the OLEOCON product you have chosen is compatible with the temperature, material and pressure requirements of your system.
- Please contact OLEOCON technical support for any further questions.

TECHNICAL DRAWING



BODY SIZE	DESCRIPTION	COUPLING GENDER	Hex			THREAD SIZE (B)	DIAMETER			LENGTH			WEIGHT	
				mm	inch			mm	inch		mm	inch	kg	lbs
6,3	QCA-6A-G14	FEMALE	A	19	0,75	1/4	D	26	1,02	C	50	1,97	0,1	0,22
	QCA-6B-G14	MALE	E	19	0,75	1/4	F	11,8	0,46	H	35,5	1,4	0,04	0,09
10	QCA-10A-G38	FEMALE	A	24	0,94	3/8"	D	32	1,25	C	58	2,28	0,16	0,352
	QCA-10B-G38	MALE	E	22	0,86	3/8"	F	17,23	0,67	H	40	1,57	0,06	0,132
12,5	QCA-12A-G12	FEMALE	A	30	1,18	1/2"	D	38	1,49	C	69	2,71	0,27	0,594
	QCA-12B-G12	MALE	E	27	1,06	1/2"	F	20,48	0,80	H	47	1,85	0,09	0,198
19	QCA-20A-G34	FEMALE	A	38	1,49	3/4"	D	46,1	1,81	C	83	3,26	0,5	1,1
	QCA-20B-G34	MALE	E	36	1,41	3/4"	F	29	1,14	H	56	2,20	0,21	0,462
25	QCA-25A-G1	FEMALE	A	46	1,81	1"	D	54	2,12	C	99,2	3,90	0,75	1,65
	QCA-25B-G1	MALE	E	41	1,61	1"	F	34,21	1,34	H	66	2,59	0,3	0,66
31,5	QCA-31A-G114	FEMALE	A	55	2,16	1 1/4 "	D	68	2,67	C	117,2	4,61	1,31	2,882
	QCA-31B-G114	MALE	E	50	1,96	1 1/4 "	F	44,9	44,9	H	75	2,95	0,51	1,122
40	QCA-40A-G112	FEMALE	A	70	2,75	1 1/2 "	D	83	3,26	C	134,2	5,28	2,66	5,852
	QCA-40B-G112	MALE	E	60	2,36	1 1/2 "	F	54,93	2,16	H	84	3,30	0,96	2,112
50	QCA-50A-G2	FEMALE	A	80	3,14	2"	D	99	3,89	C	160,2	6,30	3,89	8,558
	QCA-50B-G2	MALE	E	75	2,95	2"	F	65	2,55	H	97	3,81	1,48	3,256

ISO-1179-1

BODY SIZE	WORKING PRESSURE						BURST PRESSURE					
	COUPLE		FEMALE		MALE		COUPLE		FEMALE		MALE	
	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI
6	31,5	4567	31,5	4567	31,5	4567	126	18270	126	18270	126	18270
10	31,5	4567	31,5	4567	31,5	4567	126	18270	126	18270	126	18270
12,5	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
19	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
25	20	2900	20	2900	20	2900	80	11600	80	11600	80	11600
31,5	20	2900	20	2900	20	2900	80	11600	80	11600	80	11600
40	16	2320	16	2320	16	2320	64	9280	64	9280	64	9280
50	10	1450	10	1450	10	1450	40	5800	40	5800	40	5800

BODY SIZE	RATED FLOW			FLUID LOSS PER DISCONNECT	CONNECTING FORCE		DISCONNECTING FORCE	
	PRES.DROP (kPa)	L/MIN	GPM		N	lbf	N	lbf
6	130	3	0,66	1	50	11,2	20	4,5
10	180	23	5,06	2	70	15	30	6,75
12,5	200	45	9,91	2,5	90	20,22	45	10,11
19	200	106	23,34	9	140	31,46	50	11,23
25	250	189	41,62	25	190	42,69	55	12,35
31,5	200	288	63,43	60	230	51,68	65	14,6
40	200	379	83,48	90	250	56,17	70	15,73
50	200	757	166,74	150	270	60,67	80	17,97

POPPET TYPE - QCA - A SERIES

NPT



TECHNICAL FEATURES AND OPTIONS

[CLICK HERE
FOR 3D SECTION](#)



Locking Mechanism
Locking Ball System



Flow Rate
Up to 757 l / min



Material
Carbon Steel
Stainless Steel
Brass



Working Temperature
-20 °C / +100 °C



Interchange
ISO 7241-A



How to Connect
Push



Operating Pressure
Up to 250 Bar



Available Threads
NPT



Under Residual Pressure
Connction: not Allowed
Disconnection: not Allowed



Body Sizes
ISO 6.3 - 50



Sealing Description
NBR - FKM



Valve Type
Popet

MAIN APPLICATIONS



OIL & GAS



AGRICULTURE



HYDRAULIC
INDUSTRY



EARTH MOVING



HYDRAULIC
EQUIPMENT



CONCRETE
VEHICLES



VEHICLES



CHEMICAL
INDUSTRY

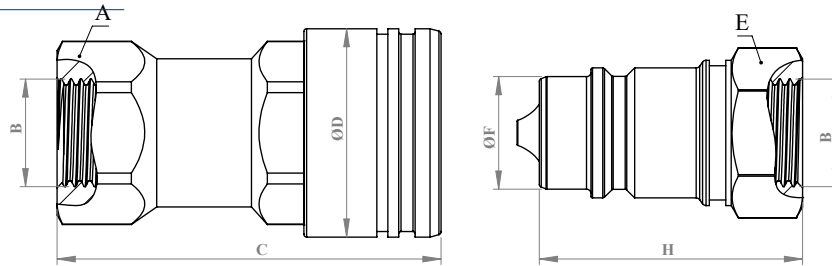
INFORMATION

- Do not connect or disconnect under residual pressure.
- Top quality elastomer seals provide maximum sealing.
- The external sealing ring ensures a solid connection and prevents disconnection due to vibration.
- The design prevents pressure drops and turbulences.
- Durable, safe, compact and easy to use design.
- Please clean the mating surfaces thoroughly before connecting, in order to prevent contaminants to enter into the system.
- Please make sure that the male and female parts are aligned properly to achieve full connection.

WARNING

- Connection and disconnection under dynamic pressure is not allowed.
- Connection and disconnection is not allowed when the temperature of the circulating fluid is above 80°C / 176°F.
- Make sure the system pressure is below the maximum working pressure.
- Please ensure that the OLEOCON product you have chosen is compatible with the temperature, material and pressure requirements of your system.
- Please contact OLEOCON technical support for any further questions.

TECHNICAL DRAWING



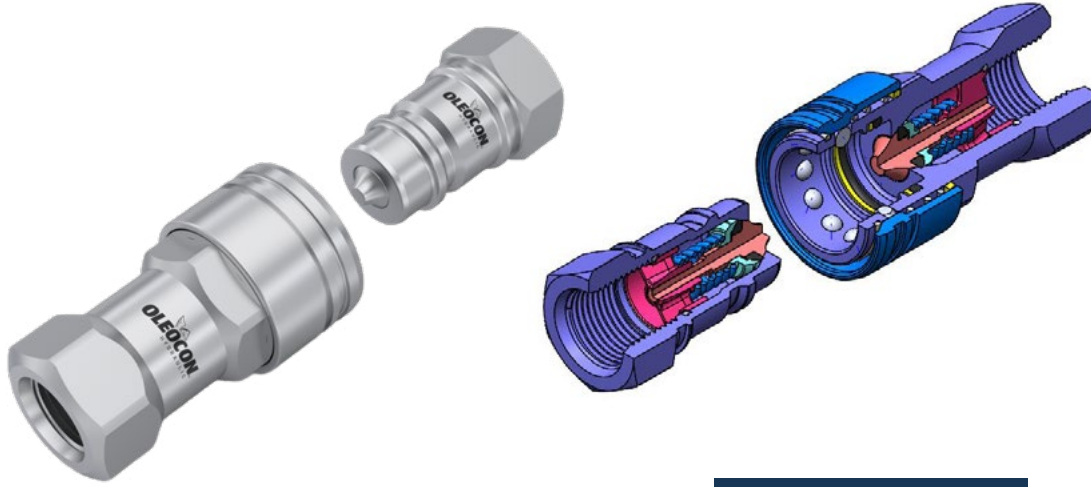
BODY SIZE	DESCRIPTION	COUPLING GENDER	Hex			THREAD SIZE(B)	DIAMETER			LENGTH			WEIGHT	
				mm	inch			mm	inch		mm	inch	kg	lbs
6,3	QCA-6A-NPT14	FEMALE	A	-	-	1/4"	D	-	-	C	-	-	-	-
	QCA-6B-NPT14	MALE	E	-	-	1/4"	F	-	-	H	-	-	-	-
10	QCA-10A-NPT38	FEMALE	A	24	0,94	3/8"	D	32	1,25	C	58	2,28	0,17	0,374
	QCA-10B-NPT38	MALE	E	22	0,86	3/8"	F	17,23	0,67	H	40	1,57	0,07	0,154
12,5	QCA-12A-NPT12	FEMALE	A	30	1,18	1/2"	D	38	1,49	C	69	2,71	0,28	0,616
	QCA-12B-NPT12	MALE	E	27	1,06	1/2"	F	20,48	0,80	H	47	1,85	0,09	0,198
19	QCA-20A-NPT34	FEMALE	A	38	1,49	3/4"	D	46,1	1,81	C	83	3,26	0,5	1,1
	QCA-20B-NPT34	MALE	E	36	1,41	3/4"	F	29	1,14	H	56	2,20	0,22	0,484
25	QCA-25A-NPT1	FEMALE	A	46	1,81	1"	D	54	2,12	C	99,2	3,90	0,75	1,65
	QCA-25B-NPT1	MALE	E	41	1,61	1"	F	34,21	1,34	H	66	2,59	0,32	0,704
31,5	QCA-31A-NPT114	FEMALE	A	55	2,16	1 1/4"	D	68	2,67	C	117,2	4,61	1,32	2,904
	QCA-31B-NPT114	MALE	E	50	1,96	1 1/4"	F	44,9	1,76	H	75	2,95	0,5	1,1
40	QCA-40A-NPT112	FEMALE	A	70	2,75	1 1/2"	D	83	3,26	C	134,2	5,28	2,65	5,83
	QCA-40B-NPT112	MALE	E	60	2,36	1 1/2"	F	54,93	2,16	H	84	3,30	0,98	2,156
50	QCA-50A-NPT2	FEMALE	A	80	3,14	2"	D	99	3,89	C	160,2	6,30	3,9	8,58
	QCA-50B-NPT2	MALE	E	75	2,95	2"	F	65	2,55	H	97	3,81	1,5	3,3

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BODY SIZE	WORKING PRESSURE						BURST PRESSURE					
	COUPLE		FEMALE		MALE		COUPLE		FEMALE		MALE	
	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI
6	31,5	4567	31,5	4567	31,5	4567	126	18270	126	18270	126	18270
10	31,5	4567	31,5	4567	31,5	4567	126	18270	126	18270	126	18270
12,5	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
19	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
25	20	2900	20	2900	20	2900	80	11600	80	11600	80	11600
31,5	20	2900	20	2900	20	2900	80	11600	80	11600	80	11600
40	16	2320	16	2320	16	2320	64	9280	64	9280	64	9280
50	10	1450	10	1450	10	1450	40	5800	40	5800	40	5800

POPPET TYPE - QCA - A SERIES

UNF



TECHNICAL FEATURES AND OPTIONS

[CLICK HERE
FOR 3D SECTION](#)



Locking Mechanism
Locking Ball System



Flow Rate
Up to 75 l / min



Material
Carbon Steel
Stainless Steel
Brass



Working Temperature
-20 °C / +100 °C



Interchange
ISO 7241-A



How to Connect
Push



Operating Pressure
Up to 250 Bar



Available Threads
UNF



Under Residual Pressure
Connction: not Allowed
Disconnection: not Allowed



Body Sizes
ISO 6.3 - 50



Sealing Description
NBR - FKM



Valve Type
Poppet

MAIN APPLICATIONS



OIL & GAS



AGRICULTURE

HYDRAULIC
INDUSTRY

EARTH MOVING

HYDRAULIC
EQUIPMENTCONCRETE
VEHICLES

VEHICLES

CHEMICAL
INDUSTRY

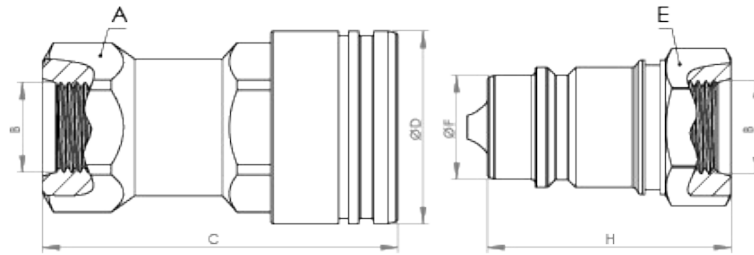
INFORMATION

- Do not connect or disconnect under residual pressure.
- Top quality elastomer seals provide maximum sealing.
- The external sealing ring ensures a solid connection and prevents disconnection due to vibration.
- The design prevents pressure drops and turbulences.
- Durable, safe, compact and easy to use design.
- Please clean the mating surfaces thoroughly before connecting, in order to prevent contaminants to enter into the system.
- Please make sure that the male and female parts are aligned properly to achieve full connection.

WARNING

- Connection and disconnection under dynamic pressure is not allowed.
- Connection and disconnection is not allowed when the temperature of the circulating fluid is above 80°C / 176°F.
- Make sure the system pressure is below the maximum working pressure.
- Please ensure that the OLEOCON product you have chosen is compatible with the temperature, material and pressure requirements of your system.
- Please contact OLEOCON technical support for any further questions.

TECHNICAL DRAWING



BODY SIZE	DESCRIPTION	COUPLING GENDER	Hex			THREAD SIZE(B)	DIAMETER			LENGTH		WEIGHT		
				mm	inch			mm	inch		mm	inch	kg	lbs
6,3	QCA-6A-SAE4	FEMALE	A	-	-	7/16 UNF	D	-	-	C	-	-	-	-
	QCA-6B-SAE4	MALE	E	-	-	7/16 UNF	F	-	-	H	-	-	-	-
10	QCA-10A-SAE6	FEMALE	A	24	0,94	9/16 UNF	D	32	1,25	C	58	2,28	0,16	0,35
	QCA-10B-SAE6	MALE	E	22	0,86	9/16 UNF	F	17,23	0,67	H	40	1,57	0,06	0,13
12,5	QCA-12A-SAE8	FEMALE	A	30	1,18	3/4 UNF	D	38	1,49	C	69	2,71	0,27	0,59
	QCA-12B-SAE8	MALE	E	27	1,06	3/4 UNF	F	20,48	0,80	H	47	1,85	0,09	0,19
19	QCA-20A-SAE12	FEMALE	A	38	1,49	1 1/16 UN	D	46,1	1,81	C	83	3,26	0,49	1,07
	QCA-20B-SAE12	MALE	E	36	1,41	1 1/16 UN	F	29	1,14	H	56	2,20	0,21	0,46
25	QCA-25A-SAE16	FEMALE	A	46	1,81	1 5/16 UN	D	54	2,12	C	99,2	3,90	0,75	1,65
	QCA-25B-SAE16	MALE	E	41	1,61	1 5/16 UN	F	34,21	1,34	H	66	2,59	0,31	0,68
31,5	QCA-31A-SAE20	FEMALE	A	55	2,16	1 5/8 UN	D	68	2,67	C	117,2	4,61	1,31	2,88
	QCA-31B-SAE20	MALE	E	50	1,96	1 5/8 UN	F	44,9	44,9	H	75	2,95	0,51	1,12
40	QCAA-40A-SAE24	FEMALE	A	70	2,75	1 7/8UN	D	83	3,26	C	134,2	5,28	2,66	5,85
	QCA-40B-SAE24	MALE	E	60	2,36	1 7/8 UN	F	54,93	2,16	H	84	3,30	0,96	2,11
50	QCA-50A-SAE32	FEMALE	A	80	3,14	2 1/2UN	D	99	3,89	C	160,2	6,30	3,89	8,55
	QCA-50B-SAE32	MALE	E	75	2,95	2 1/2UN	F	65	2,55	H	97	3,81	1,48	3,25

ISO 11926-1

BODY SIZE	WORKING PRESSURE						BURST PRESSURE					
	COUPLE		FEMALE		MALE		COUPLE		FEMALE		MALE	
	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI
6	31,5	4567	31,5	4567	31,5	4567	126	18270	126	18270	126	18270
10	31,5	4567	31,5	4567	31,5	4567	126	18270	126	18270	126	18270
12,5	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
19	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
25	20	2900	20	2900	20	2900	80	11600	80	11600	80	11600
31,5	20	2900	20	2900	20	2900	80	11600	80	11600	80	11600
40	16	2320	16	2320	16	2320	64	9280	64	9280	64	9280
50	10	1450	10	1450	10	1450	40	5800	40	5800	40	5800

POPPET TYPE - QCA - A SERIES

BSPP MALE



TECHNICAL FEATURES AND OPTIONS

[CLICK HERE
FOR 3D SECTION](#)



Locking Mechanism
Locking Ball System



Flow Rate
Up to 757 l / min



Material
Carbon Steel
Stainless Steel
Brass



Working Temperature
-20 °C / +100 °C



Interchange
ISO 7241-A



How to Connect
Push



Operating Pressure
Up to 250 Bar



Available Threads
BSPP



Under Residual Pressure
Connction: not Allowed
Disconnection: not Allowed



Body Sizes
ISO 6.3 - 50



Sealing Description
NBR - FKM



Valve Type
Popet

MAIN APPLICATIONS



OIL & GAS



AGRICULTURE



HYDRAULIC
INDUSTRY



EARTH MOVING



HYDRAULIC
EQUIPMENT



CONCRETE
VEHICLES



VEHICLES



CHEMICAL
INDUSTRY

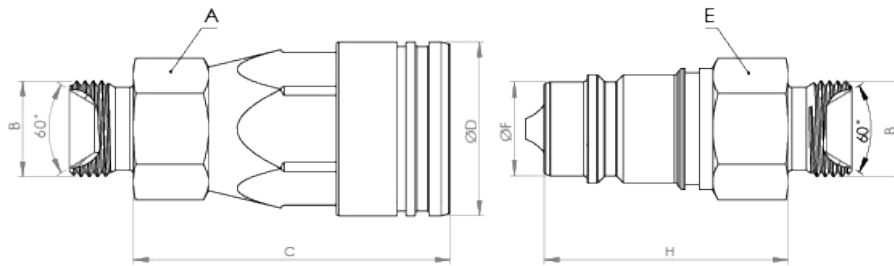
INFORMATION

- Do not connect or disconnect under residual pressure.
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WARNING

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TECHNICAL DRAWING



BODY SIZE	DESCRIPTION	COUPLING GENDER	Hex			THREAD SIZE(B)	DIAMETER			LENGTH			WEIGHT	
				mm	inch			mm	inch		mm	inch	kg	lbs
6,3	QCA-6A-MG14	FEMALE	A	-	-	1/4"	D	-	-	C	-	-	-	-
	QCA-6B-MG14	MALE	E	-	-	1/4"	F	-	-	H	-	-	-	-
10	QCA-10A-MG38	FEMALE	A	24	0,94	3/8"	D	32	1,25	C	58	2,28	0,19	0,418
	QCA-10B-MG38	MALE	E	22	0,86	3/8"	F	17,23	0,67	H	40	1,57	0,09	0,198
12,5	QCA-12A-MG12	FEMALE	A	30	1,18	1/2"	D	38	1,49	C	69	2,71	0,29	0,638
	QCA-12B-MG12	MALE	E	27	1,06	1/2"	F	20,48	0,80	H	47	1,85	0,13	0,286
20	QCA-20A-MG34	FEMALE	A	38	1,49	3/4"	D	46,1	1,81	C	83	3,26	0,58	1,276
	QCA-20B-MG34	MALE	E	36	1,41	3/4"	F	29	1,14	H	56	2,20	0,27	0,594
25	QCA-25A-MG1	FEMALE	A	46	1,81	1"	D	54	2,12	C	99,2	3,90	0,7	1,54
	QCA-25B-MG1	MALE	E	41	1,61	1"	F	34,21	1,34	H	66	2,59	0,34	0,748
31,5	QCA-31A-MG114	FEMALE	A	55	2,16	1 1/4"	D	68	2,67	C	117,2	4,61	1,35	2,97
	QCA-31B-MG114	MALE	E	50	1,96	1 1/4"	F	44,9	1,77	H	75	2,95	0,55	1,21
40	QCA-40A-MG112	FEMALE	A	70	2,75	1 1/2"	D	83	3,26	C	134,2	5,28	2,7	5,94
	QCA-40B-MG112	MALE	E	60	2,36	1 1/2"	F	54,93	2,16	H	84	3,30	0,99	2,178
50	QCA-50A-MG2	FEMALE	A	80	3,14	2"	D	99	3,89	C	160,2	6,30	3,9	8,58
	QCA-50B-MG2	MALE	E	75	2,95	2"	F	65	2,55	H	97	3,81	1,5	3,3

ISO-8434-6

BODY SIZE	WORKING PRESSURE						BURST PRESSURE					
	COUPLE		FEMALE		MALE		COUPLE		FEMALE		MALE	
	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI
6	31,5	4567	31,5	4567	31,5	4567	126	18270	126	18270	126	18270
10	31,5	4567	31,5	4567	31,5	4567	126	18270	126	18270	126	18270
12,5	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
19	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
25	20	2900	20	2900	20	2900	80	11600	80	11600	80	11600
31,5	20	2900	20	2900	20	2900	80	11600	80	11600	80	11600
40	16	2320	16	2320	16	2320	64	9280	64	9280	64	9280
50	10	1450	10	1450	10	1450	40	5800	40	5800	40	5800

POPPET TYPE - QCA - A SERIES

METRIC (L)



TECHNICAL FEATURES AND OPTIONS

[CLICK HERE
FOR 3D SECTION](#)



Locking Mechanism
Locking Ball System



Flow Rate
Up to 757 l / min



Material
Carbon Steel
Stainless Steel
Brass



Working Temperature
-20 °C / +100 °C



Interchange
ISO 7241-A



How to Connect
Push



Operating Pressure
Up to 250 Bar



Available Threads
Metric



Under Residual Pressure
Connction: not Allowed
Disconnection: not Allowed



Body Sizes
ISO 6.3 - 50



Sealing Description
NBR - FKM



Valve Type
Poppet

MAIN APPLICATIONS



OIL & GAS



AGRICULTURE



HYDRAULIC
INDUSTRY



EARTH MOVING



HYDRAULIC
EQUIPMENT



CONCRETE
VEHICLES



VEHICLES



CHEMICAL
INDUSTRY

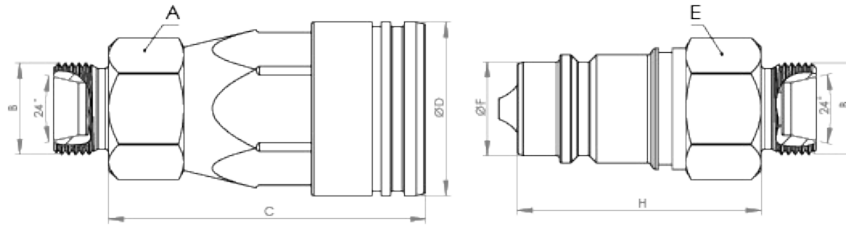
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TECHNICAL DRAWING



BODY SIZE	DESCRIPTION	COUPLING GENDER	Hex			THREAD SIZE(B)	DIAMETER			LENGTH			WEIGHT	
				mm	inch			mm	inch		mm	inch	kg	lbs
6,3	QCA-6A-M6L	FEMALE	A	-	-	M12*1.5	D	-	-	C	-	-	-	-
	QCA-6B-M6L	MALE	E	-	-	M12*1.5	F	-	-	H	-	-	-	-
10	QCA-10A-M8L	FEMALE	A	24	0,94	M14*1.5	D	32	1,25	C	58	2,28	0,19	0,418
	QCA-10B-M8L	MALE	E	22	0,86	M14*1.5	F	17,23	0,67	H	40	1,57	0,09	0,198
	QCA-10A-M10L	FEMALE	A	24	0,94	M16*1.5	D	32	1,25	C	58	2,28	0,19	0,418
	QCA-10B-M10L	MALE	E	22	0,86	M16*1.5	F	17,23	0,67	H	40	1,57	0,09	0,198
	QCA-10A-M12L	FEMALE	A	24	0,94	M18*1.5	D	32	1,25	C	58	2,28	0,19	0,418
	QCA-10B-M12L	MALE	E	22	0,86	M18*1.5	F	17,23	0,67	H	40	1,57	0,09	0,198
12,5	QCA-12A-M12L	FEMALE	A	30	1,18	M18*1.5	D	38	1,49	C	69	2,71	0,29	0,638
	QCA-12B-M12L	MALE	E	27	1,06	M18*1.5	F	20,48	0,80	H	47	1,85	0,12	0,264
	QCA-12A-M15L	FEMALE	A	30	1,18	M22*1.5	D	38	1,49	C	69	2,71	0,29	0,638
	QCA-12B-M15L	MALE	E	27	1,06	M22*1.5	F	20,48	0,80	H	47	1,85	0,13	0,286
	QCA-12A-M18L	FEMALE	A	30	1,18	M26*1.5	D	38	1,49	C	69	2,71	0,3	0,66
	QCA-12B-M18L	MALE	E	27	1,06	M26*1.5	F	20,48	0,80	H	47	1,85	0,13	0,286
20	QCA-20A-M15L	FEMALE	A	38	1,49	M22*1.5	D	46,1	1,81	C	83	3,26	0,57	1,254
	QCA-20B-M15L	MALE	E	36	1,41	M22*1.5	F	29	1,14	H	56	2,20	0,26	0,572
	QCA-20A-M18L	FEMALE	A	38	1,49	M26*1.5	D	46,1	1,81	C	83	3,26	0,58	1,276
	QCA-20B-M18L	MALE	E	36	1,41	M26*1.5	F	29	1,14	H	56	2,20	0,27	0,594
	QCA-20A-M22L	FEMALE	A	38	1,49	M30*2	D	46,1	1,81	C	83	3,26	0,59	1,298
	QCA-20B-M22L	MALE	E	36	1,41	M30*2	F	29	1,14	H	56	2,20	0,27	0,594
25	QCA-25A-M18L	FEMALE	A	46	1,81	M26*1.5	D	54	2,12	C	99,2	3,90	0,68	1,496
	QCA-25B-M18L	MALE	E	41	1,61	M26*1.5	F	34,21	1,34	H	66	2,59	0,32	0,704
	QCA-25A-M22L	FEMALE	A	46	1,81	M30*2	D	54	2,12	C	99,2	3,90	0,69	1,518
	QCA-25B-M22L	MALE	E	41	1,61	M30*2	F	34,21	1,34	H	66	2,59	0,32	0,704
	QCA-25A-M28L	FEMALE	A	46	1,81	M36*2	D	54	2,12	C	99,2	3,90	0,69	1,518
	QCA-25B-M28L	MALE	E	41	1,61	M36*2	F	34,21	1,34	H	66	2,59	0,33	0,726

ISO-8434- 1

BODY SIZE	WORKING PRESSURE						BURST PRESSURE					
	COUPLE		FEMALE		MALE		COUPLE		FEMALE		MALE	
	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI
6	31,5	4567	31,5	4567	31,5	4567	126	18270	126	18270	126	18270
10	31,5	4567	31,5	4567	31,5	4567	126	18270	126	18270	126	18270
12,5	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
19	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
25	20	2900	20	2900	20	2900	80	11600	80	11600	80	11600
31,5	20	2900	20	2900	20	2900	80	11600	80	11600	80	11600
40	16	2320	16	2320	16	2320	64	9280	64	9280	64	9280
50	10	1450	10	1450	10	1450	40	5800	40	5800	40	5800

POPPET TYPE - QCA - A SERIES

METRIC (L)



TECHNICAL FEATURES AND OPTIONS

[CLICK HERE
FOR 3D SECTION](#)



Locking Mechanism
Locking Ball System



Flow Rate
Up to 757 l / min



Material
Carbon Steel
Stainless Steel
Brass



Working Temperature
-20 °C / +100 °C



Interchange
ISO 7241-A



How to Connect
Push



Operating Pressure
Up to 250 Bar



Available Threads
Metric



Under Residual Pressure
Connction: not Allowed
Disconnection: not Allowed



Body Sizes
ISO 6.3 - 50



Sealing Description
NBR - FKM



Valve Type
Poppet

MAIN APPLICATIONS



OIL & GAS



AGRICULTURE



HYDRAULIC
INDUSTRY



EARTH MOVING



HYDRAULIC
EQUIPMENT



CONCRETE
VEHICLES



VEHICLES



CHEMICAL
INDUSTRY

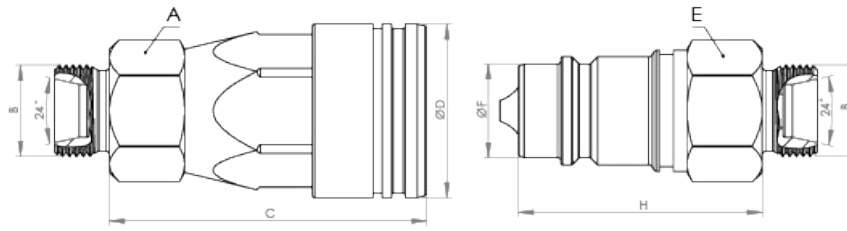
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TECHNICAL DRAWING



BODY SIZE	DESCRIPTION	COUPLING GENDER	Hex			THREAD SIZE (B)	DIAMETER			LENGTH			WEIGHT	
				mm	inch			mm	inch		mm	inch	kg	lbs
31,5	QCA-31A-M22L	FEMALE	A	55	2,16	M30*2	D	68	2,67	C	117,2	4,61	1,31	2,882
	QCA-31B-M22L	MALE	E	50	1,96	M30*2	F	44,9	44,9	H	75	2,95	0,51	1,122
	QCA-31A-M28L	FEMALE	A	55	2,16	M36*2	D	68	2,67	C	117,2	4,61	1,31	2,882
	QCA-31B-M28L	MALE	E	50	1,96	M36*2	F	44,9	44,9	H	75	2,95	0,51	1,122
	QCA-31A-M35L	FEMALE	A	55	2,16	M45*2	D	68	2,67	C	117,2	4,61	1,31	2,882
	QCA-31B-M35L	MALE	E	50	1,96	M45*2	F	44,9	44,9	H	75	2,95	0,51	1,122
40	QCA-40A-M35L	FEMALE	A	70	2,75	M45*2	D	83	3,26	C	134,2	5,28	2,66	5,852
	QCA-40B-M35L	MALE	E	60	2,36	M45*2	F	54,93	2,16	H	84	3,30	0,96	2,112
	QCA-40A-M42L	FEMALE	A	70	2,75	M52*2	D	83	3,26	C	134,2	5,28	2,66	5,852
	QCA-40B-M42L	MALE	E	60	2,36	M52*2	F	54,93	2,16	H	84	3,30	0,96	2,112
50	QCA-50A-M35L	FEMALE	A	80	3,14	M45*2	D	99	3,89	C	160,2	6,30	3,89	8,558
	QCA-50B-M35L	MALE	E	75	2,95	M45*2	F	65	2,55	H	97	3,81	1,48	3,256
	QCA-50A-M42L	FEMALE	A	80	3,14	M52*2	D	99	3,89	C	160,2	6,30	3,89	8,558
	QCA-50B-M42L	MALE	E	75	2,95	M52*2	F	65	2,55	H	97	3,81	1,48	3,256

ISO-8434-1

BODY SIZE	WORKING PRESSURE						BURST PRESSURE					
	COUPLE		FEMALE		MALE		COUPLE		FEMALE		MALE	
	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI
6	31,5	4567	31,5	4567	31,5	4567	126	18270	126	18270	126	18270
10	31,5	4567	31,5	4567	31,5	4567	126	18270	126	18270	126	18270
12,5	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
19	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
25	20	2900	V20	2900	20	2900	80	11600	80	11600	80	11600
31,5	20	2900	20	2900	20	2900	80	11600	80	11600	80	11600
40	16	2320	16	2320	16	2320	64	9280	64	9280	64	9280
50	10	1450	10	1450	10	1450	40	5800	40	5800	40	5800

POPPET TYPE - QCA - A SERIES

METRIC (S)



TECHNICAL FEATURES AND OPTIONS

[CLICK HERE
FOR 3D SECTION](#)



Locking Mechanism
Locking Ball System



Flow Rate
Up to 757 l / min



Material
Carbon Steel
Stainless Steel
Brass



Working Temperature
-20 °C / +100 °C



Interchange
ISO 7241-A



How to Connect
Push



Operating Pressure
Up to 250 Bar



Available Threads
Metric



Under Residual Pressure
Connction: not Allowed
Disconnection: not Allowed



Body Sizes
ISO 6.3 - 50



Sealing Description
NBR - FKM



Valve Type
Poppet

MAIN APPLICATIONS



OIL & GAS



AGRICULTURE



HYDRAULIC
INDUSTRY



EARTH MOVING



HYDRAULIC
EQUIPMENT



CONCRETE
VEHICLES



VEHICLES



CHEMICAL
INDUSTRY

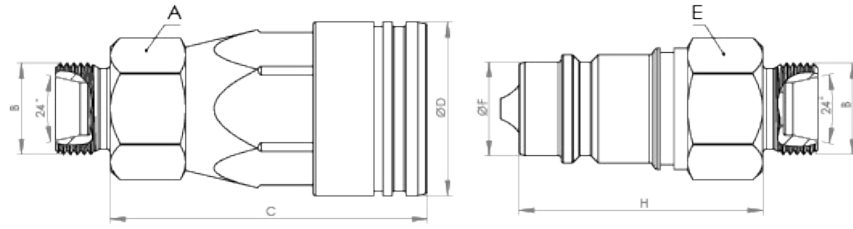
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TECHNICAL DRAWING



BODY SIZE	DESCRIPTION	COUPLING GENDER	Hex			THREAD SIZE(B)	DIAMETER			LENGTH			WEIGHT	
				mm	inch			mm	inch		mm	inch	kg	lbs
6,3	QCA-6A-M6S	FEMALE	A	-	-	M14*1,5	D	-	-	C	-	-	-	-
	QCA-6B-M6S	MALE	E	-	-	M14*1,5	F	-	-	H	-	-	-	-
10	QCA-10A-M8S	FEMALE	A	24	0,94	M16*1,5	D	32	1,25	C	58	2,28	0,2	0,44
	QCA-10B-M8S	MALE	E	22	0,86	M16*1,5	F	17,23	0,67	H	40	1,57	0,09	0,198
	QCA-10A-M10S	FEMALE	A	24	0,94	M18*1,5	D	32	1,25	C	58	2,28	0,2	0,44
	QCA-10B-M10S	MALE	E	22	0,86	M18*1,5	F	17,23	0,67	H	40	1,57	0,09	0,198
	QCA-10A-M12S	FEMALE	A	24	0,94	M20*1,5	D	32	1,25	C	58	2,28	0,21	0,462
	QCA-10B-M12S	MALE	E	22	0,86	M20*1,5	F	17,23	0,67	H	40	1,57	0,1	0,22
12,5	QCA-12A-M10S	FEMALE	A	30	1,18	M18*1,5	D	38	1,49	C	69	2,71	0,29	0,638
	QCA-12B-M10S	MALE	E	27	1,06	M18*1,5	F	20,48	0,80	H	47	1,85	0,13	0,286
	QCA-12A-M12S	FEMALE	A	30	1,18	M20*1,5	D	38	1,49	C	69	2,71	0,3	0,66
	QCA-12B-M12S	MALE	E	27	1,06	M20*1,5	F	20,48	0,80	H	47	1,85	0,13	0,286
	QCA-12A-M16S	FEMALE	A	30	1,18	M24*1,5	D	38	1,49	C	69	2,71	0,31	0,682
	QCA-12B-M16S	MALE	E	27	1,06	M24*1,5	F	20,48	0,80	H	47	1,85	0,14	0,308
20	QCA-20A-M12S	FEMALE	A	38	1,49	M20*1,5	D	46,1	1,81	C	83	3,26	0,57	1,254
	QCA-20B-M12S	MALE	E	36	1,41	M20*1,5	F	29	1,14	H	56	2,20	0,27	0,594
	QCA-20A-M16S	FEMALE	A	38	1,49	M24*1,5	D	46,1	1,81	C	83	3,26	0,58	1,276
	QCA-20B-M16S	MALE	E	36	1,41	M24*1,5	F	29	1,14	H	56	2,20	0,27	0,594
	QCA-20A-M20S	FEMALE	A	38	1,49	M30*2	D	46,1	1,81	C	83	3,26	0,59	1,298
	QCA-20B-M20S	MALE	E	36	1,41	M30*2	F	29	1,14	H	56	2,20	0,28	0,616

ISO-8434- 1

BODY SIZE	WORKING PRESSURE						BURST PRESSURE					
	COUPLE		FEMALE		MALE		COUPLE		FEMALE		MALE	
	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI
6	31,5	4567	31,5	4567	31,5	4567	126	18270	126	18270	126	18270
10	31,5	4567	31,5	4567	31,5	4567	126	18270	126	18270	126	18270
12,5	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
19	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
25	20	2900	20	2900	20	2900	80	11600	80	11600	80	11600
31,5	20	2900	20	2900	20	2900	80	11600	80	11600	80	11600
40	16	2320	16	2320	16	2320	64	9280	64	9280	64	9280
50	10	1450	10	1450	10	1450	40	5800	40	5800	40	5800

POPPET TYPE - QCA - A SERIES

METRIC (S)



TECHNICAL FEATURES AND OPTIONS

[CLICK HERE
FOR 3D SECTION](#)



Locking Mechanism
Locking Ball System



Flow Rate
Up to 757 l / min



Material
Carbon Steel
Stainless Steel
Brass



Working Temperature
-20 °C / +100 °C



Interchange
ISO 7241-A



How to Connect
Push



Operating Pressure
Up to 250 Bar



Available Threads
Metric



Under Residual Pressure
Connction: not Allowed
Disconnection: not Allowed



Body Sizes
ISO 6.3 - 50



Sealing Description
NBR - FKM



Valve Type
Poppet

MAIN APPLICATIONS



OIL & GAS



AGRICULTURE



HYDRAULIC
INDUSTRY



EARTH MOVING



HYDRAULIC
EQUIPMENT



CONCRETE
VEHICLES



VEHICLES



CHEMICAL
INDUSTRY

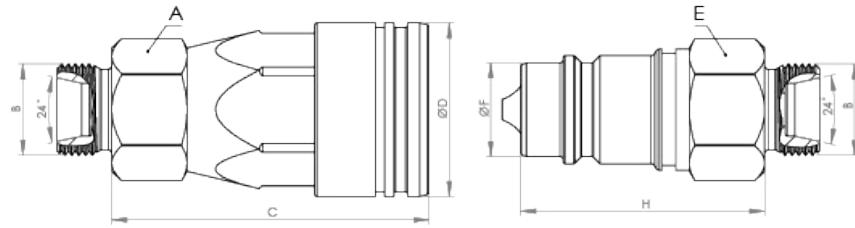
INFORMATION

- Do not connect or disconnect under residual pressure.
- Top quality elastomer seals provide maximum sealing.
- The external sealing ring ensures a solid connection and prevents disconnection due to vibration.
- The design prevents pressure drops and turbulences.
- Durable, safe, compact and easy to use design.
- Please clean the mating surfaces thoroughly before connecting, in order to prevent contaminants to enter into the system.
- Please make sure that the male and female parts are aligned properly to achieve full connection.

WARNING

- Connection and disconnection under dynamic pressure is not allowed.
- Connection and disconnection is not allowed when the temperature of the circulating fluid is above 80°C / 176°F.
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- Please ensure that the OLEOCON product you have chosen is compatible with the temperature, material and pressure requirements of your system.
- Please contact OLEOCON technical support for any further questions.

TECHNICAL DRAWING



BODY SIZE	DESCRIPTION	COUPLING GENDER	Hex			THREAD SIZE (B)	DIAMETER			LENGTH			WEIGHT	
				mm	inch			mm	inch		mm	inch	kg	lbs
25	QCA-25A-M16S	FEMALE	A	46	1,81	M24*1,5	D	54	2,12	C	99,2	3,90	0,68	1,496
	QCA-25B-M16S	MALE	E	41	1,61	M24*1,5	F	34,21	1,34	H	66	2,59	0,33	0,726
	QCA-25A-M20S	FEMALE	A	46	1,81	M30*2	D	54	2,12	C	99,2	3,90	0,7	1,54
	QCA-25B-M20S	MALE	E	41	1,61	M30*2	F	34,21	1,34	H	66	2,59	0,34	0,748
	QCA-25A-M25S	FEMALE	A	46	1,81	M36*2	D	54	2,12	C	99,2	3,90	0,71	1,562
	QCA-25B-M25S	MALE	E	41	1,61	M36*2	F	34,21	1,34	H	66	2,59	0,36	0,792
31,5	QCA-31A-M20S	FEMALE	A	55	2,16	M30*2	D	68	2,67	C	117,2	4,61	1,32	2,904
	QCA-31B-M20S	MALE	E	50	1,96	M30*2	F	44,9	44,9	H	75	2,95	0,52	1,144
	QCA-31A-M25S	FEMALE	A	55	2,16	M36*2	D	68	2,67	C	117,2	4,61	1,33	2,926
	QCA-31B-M25S	MALE	E	50	1,96	M36*2	F	44,9	44,9	H	75	2,95	0,52	1,144
	QCA-31A-M30S	FEMALE	A	55	2,16	M42*2	D	68	2,67	C	117,2	4,61	1,34	2,948
	QCA-31B-M30S	MALE	E	50	1,96	M42*2	F	44,9	44,9	H	75	2,95	0,52	1,144
40	QCA-40A-M30S	FEMALE	A	70	2,75	M42*2	D	83	3,26	C	134,2	5,28	2,65	5,83
	QCA-40B-M30S	MALE	E	60	2,36	M42*2	F	54,93	2,16	H	84	3,30	0,97	2,134
	QCA-40A-M38S	FEMALE	A	70	2,75	M52*2	D	83	3,26	C	134,2	5,28	2,66	5,852
	QCA-40B-M38S	MALE	E	60	2,36	M52*2	F	54,93	2,16	H	84	3,30	0,97	2,134
50	QCA-50A-M30S	FEMALE	A	80	3,14	M42*2	D	99	3,89	C	160,2	6,30	3,9	8,58
	QCA-50B-M30S	MALE	E	75	2,95	M42*2	F	65	2,55	H	97	3,81	1,49	3,278
	QCA-50A-M38S	FEMALE	A	80	3,14	M52*2	D	99	3,89	C	160,2	6,30	3,91	8,602
	QCA-50B-M38S	MALE	E	75	2,95	M52*2	F	65	2,55	H	97	3,81	1,5	3,3

ISO-8434-1

BODY SIZE	WORKING PRESSURE						BURST PRESSURE					
	COUPLE		FEMALE		MALE		COUPLE		FEMALE		MALE	
	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI
6	31,5	4567	31,5	4567	31,5	4567	126	18270	126	18270	126	18270
10	31,5	4567	31,5	4567	31,5	4567	126	18270	126	18270	126	18270
12,5	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
19	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
25	20	2900	20	2900	20	2900	80	11600	80	11600	80	11600
31,5	20	2900	20	2900	20	2900	80	11600	80	11600	80	11600
40	16	2320	16	2320	16	2320	64	9280	64	9280	64	9280
50	10	1450	10	1450	10	1450	40	5800	40	5800	40	5800

POPPET TYPE - QCA - A SERIES

METRIC (L) BULKHEAD



TECHNICAL FEATURES AND OPTIONS

[CLICK HERE
FOR 3D SECTION](#)



Locking Mechanism
Locking Ball System



Flow Rate
Up to 757 l / min



Material
Carbon Steel
Stainless Steel
Brass



Working Temperature
-20 °C / +100 °C



Interchange
ISO 7241-A



How to Connect
Push



Operating Pressure
Up to 250 Bar



Available Threads
Metric



Under Residual Pressure
Connction: not Allowed
Disconnection: not Allowed



Body Sizes
ISO 6.3 - 50



Sealing Description
NBR - FKM



Valve Type
Popet

MAIN APPLICATIONS



OIL & GAS



AGRICULTURE



HYDRAULIC
INDUSTRY



EARTH MOVING



HYDRAULIC
EQUIPMENT



CONCRETE
VEHICLES



VEHICLES



CHEMICAL
INDUSTRY

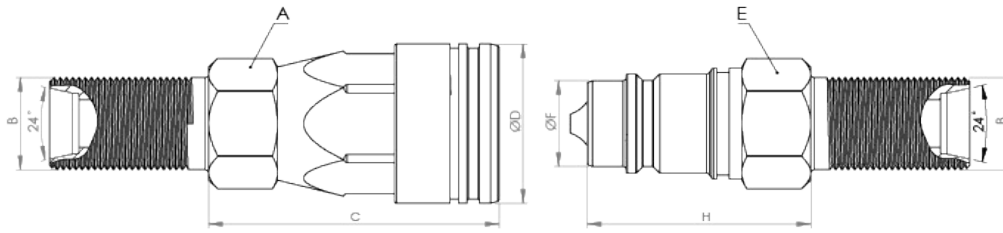
INFORMATION

- Do not connect or disconnect under residual pressure.
- Top quality elastomer seals provide maximum sealing.
- The external sealing ring ensures a solid connection and prevents disconnection due to vibration.
- The design prevents pressure drops and turbulences.
- Durable, safe, compact and easy to use design.
- Please clean the mating surfaces thoroughly before connecting, in order to prevent contaminants to enter into the system.
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WARNING

- Connection and disconnection under dynamic pressure is not allowed.
- Connection and disconnection is not allowed when the temperature of the circulating fluid is above 80°C / 176°F.
- Make sure the system pressure is below the maximum working pressure.
- Please ensure that the OLEOCON product you have chosen is compatible with the temperature, material and pressure requirements of your system.
- Please contact OLEOCON technical support for any further questions.

TECHNICAL DRAWING



BODY SIZE	DESCRIPTION	COUPLING GENDER	Hex			THREAD SIZE(B)	DIAMETER			LENGTH			WEIGHT	
				mm	inch			mm	inch		mm	inch	kg	lbs
6,3	QCA-6A-M6L-BH	FEMALE	A	-	-	M12*1,5	D	-	-	C	-	-	-	-
	QCA-6B-M6L-BH	MALE	E	-	-	M12*1,5	F	-	-	H	-	-	-	-
10	QCA-10A-M8L-BH	FEMALE	A	24	0,94	M14*1,5	D	32	1,25	C	58	2,28	0,21	0,462
	QCA-10B-M8L-BH	MALE	E	22	0,86	M14*1,5	F	17,23	0,67	H	40	1,57	0,11	0,242
	QCA-10A-M10L-BH	FEMALE	A	24	0,94	M16*1,5	D	32	1,25	C	58	2,28	0,22	0,484
	QCA-10B-M10L-BH	MALE	E	22	0,86	M16*1,5	F	17,23	0,67	H	40	1,57	0,11	0,242
	QCA-10A-M12L-BH	FEMALE	A	24	0,94	M18*1,5	D	32	1,25	C	58	2,28	0,23	0,506
	QCA-10B-M12L-BH	MALE	E	22	0,86	M18*1,5	F	17,23	0,67	H	40	1,57	0,12	0,264
12,5	QCA-12A-M12L-BH	FEMALE	A	30	1,18	M18*1,5	D	38	1,49	C	69	2,71	0,32	0,704
	QCA-12B-M12L-BH	MALE	E	27	1,06	M18*1,5	F	20,48	0,80	H	47	1,85	0,15	0,33
	QCA-12A-M15L-BH	FEMALE	A	30	1,18	M22*1,5	D	38	1,49	C	69	2,71	0,34	0,748
	QCA-12B-M15L-BH	MALE	E	27	1,06	M22*1,5	F	20,48	0,80	H	47	1,85	0,18	0,396
	QCA-12A-M18L-BH	FEMALE	A	30	1,18	M26*1,5	D	38	1,49	C	69	2,71	0,39	0,858
	QCA-12B-M18L-BH	MALE	E	27	1,06	M26*1,5	F	20,48	0,80	H	47	1,85	0,22	0,484
20	QCA-20A-M15L-BH	FEMALE	A	38	1,49	M22*1,5	D	46,1	1,81	C	83	3,26	0,62	1,364
	QCA-20B-M15L-BH	MALE	E	36	1,41	M22*1,5	F	29	1,14	H	56	2,20	0,32	0,704
	QCA-20A-M18L-BH	FEMALE	A	38	1,49	M26*1,5	D	46,1	1,81	C	83	3,26	0,65	1,43
	QCA-20B-M18L-BH	MALE	E	36	1,41	M26*1,5	F	29	1,14	H	56	2,20	0,34	0,748
	QCA-20A-M22L-BH	FEMALE	A	38	1,49	M30*2	D	46,1	1,81	C	83	3,26	0,66	1,452
	QCA-20B-M22L-BH	MALE	E	36	1,41	M30*2	F	29	1,14	H	56	2,20	0,36	0,792

ISO 8434-1

BODY SIZE	WORKING PRESSURE						BURST PRESSURE					
	COUPLE		FEMALE		MALE		COUPLE		FEMALE		MALE	
	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI
6	31,5	4567	31,5	4567	31,5	4567	126	18270	126	18270	126	18270
10	31,5	4567	31,5	4567	31,5	4567	126	18270	126	18270	126	18270
12,5	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
19	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
25	20	2900	20	2900	20	2900	80	11600	80	11600	80	11600
31,5	20	2900	20	2900	20	2900	80	11600	80	11600	80	11600
40	16	2320	16	2320	16	2320	64	9280	64	9280	64	9280
50	10	1450	10	1450	10	1450	40	5800	40	5800	40	5800

POPPET TYPE - QCA - A SERIES

METRIC (L) BULKHEAD



TECHNICAL FEATURES AND OPTIONS

[CLICK HERE
FOR 3D SECTION](#)



Locking Mechanism
Locking Ball System



Flow Rate
Up to 757 l / min



Material
Carbon Steel
Stainless Steel
Brass



Working Temperature
-20 °C / +100 °C



Interchange
ISO 7241-A



How to Connect
Push



Operating Pressure
Up to 250 Bar



Available Threads
Metric



Under Residual Pressure
Connction: not Allowed
Disconnection: not Allowed



Body Sizes
ISO 6.3 - 50



Sealing Description
NBR - FKM



Valve Type
Poppet

MAIN APPLICATIONS



OIL & GAS



AGRICULTURE



HYDRAULIC
INDUSTRY



EARTH MOVING



HYDRAULIC
EQUIPMENT



CONCRETE
VEHICLES



VEHICLES



CHEMICAL
INDUSTRY

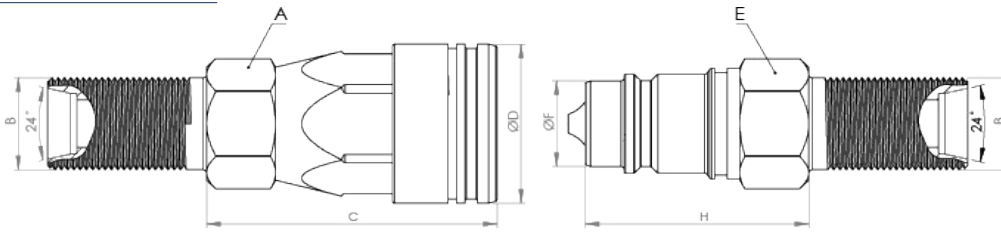
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TECHNICAL DRAWING



BODY SIZE	DESCRIPTION	COUPLING GENDER		Hex		THREAD SIZE(B)	DIAMETER			LENGTH			WEIGHT	
					mm	inch		mm	inch		mm	inch	kg	lbs
25	QCA-25A-M18L-BH	FEMALE	A	46	1.81	M26*1.5	D	54	2.12	C	99.2	3.90	0.75	1.65
	QCA-25B-M18L-BH	MALE	E	41	1.61	M26*1.5	F	34.21	1.34	H	66	2.59	0.4	0.88
	QCA-25A-M22L-BH	FEMALE	A	46	1.81	M30*2	D	54	2.12	C	99.2	3.90	0.77	1.694
	QCA-25B-M22L-BH	MALE	E	41	1.61	M30*2	F	34.21	1.34	H	66	2.59	0.41	0.902
	QCA-25A-M28L-BH	FEMALE	A	46	1.81	M36*2	D	54	2.12	C	99.2	3.90	0.8	1.76
	QCA-25B-M28L-BH	MALE	E	41	1.61	M36*2	F	34.21	1.34	H	66	2.59	0.44	0.968
31.5	QCA-31A-M22L-BH	FEMALE	A	55	2.16	M30*2	D	68	2.67	C	117.2	4.61	1.35	2.97
	QCA-31B-M22L-BH	MALE	E	50	1.96	M30*2	F	44.9	1.77	H	75	2.95	0.52	1.144
	QCA-31A-M28L-BH	FEMALE	A	55	2.16	M36*2	D	68	2.67	C	117.2	4.61	1.36	2.992
	QCA-31B-M28L-BH	MALE	E	50	1.96	M36*2	F	44.9	1.77	H	75	2.95	0.53	1.166
	QCA-31A-M35L-BH	FEMALE	A	55	2.16	M45*2	D	68	2.67	C	117.2	4.61	1.37	3.014
	QCA-31B-M35L-BH	MALE	E	50	1.96	M45*2	F	44.9	1.77	H	75	2.95	0.53	1.166
40	QCA-40A-M35L-BH	FEMALE	A	70	2.75	M45*2	D	83	3.26	C	134.2	5.28	2.68	5.896
	QCA-40B-M35L-BH	MALE	E	60	2.36	M45*2	F	54.93	2.16	H	84	3.30	0.98	2.156
	QCA-40A-M42L-BH	FEMALE	A	70	2.75	M52*2	D	83	3.26	C	134.2	5.28	2.7	5.94
	QCA-40B-M42L-BH	MALE	E	60	2.36	M52*2	F	54.93	2.16	H	84	3.30	0.99	2.178
50	QCA-50A-M35L-BH	FEMALE	A	80	3.14	M45*2	D	99	3.89	C	160.2	6.30	3.9	8.58
	QCA-50B-M35L-BH	MALE	E	75	2.95	M45*2	F	65	2.55	H	97	3.81	1.5	3.3
	QCA-50A-M42L-BH	FEMALE	A	80	3.14	M52*2	D	99	3.89	C	160.2	6.30	3.91	8.602
	QCA-50B-M42L-BH	MALE	E	75	2.95	M52*2	F	65	2.55	H	97	3.81	1.51	3.322

ISO 8434-1

BODY SIZE	WORKING PRESSURE						BURST PRESSURE					
	COUPLE		FEMALE		MALE		COUPLE		FEMALE		MALE	
	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI
6	31.5	4567	31.5	4567	31.5	4567	126	18270	126	18270	126	18270
10	31.5	4567	31.5	4567	31.5	4567	126	18270	126	18270	126	18270
12.5	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
19	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
25	20	2900	20	2900	20	2900	80	11600	80	11600	80	11600
31.5	20	2900	20	2900	20	2900	80	11600	80	11600	80	11600
40	16	2320	16	2320	16	2320	64	9280	64	9280	64	9280
50	10	1450	10	1450	10	1450	40	5800	40	5800	40	5800

POPPET TYPE - QCA - A SERIES

METRIC (S) BULKHEAD



TECHNICAL FEATURES AND OPTIONS

[CLICK HERE
FOR 3D SECTION](#)



Locking Mechanism
Locking Ball System



Flow Rate
Up to 757 l / min



Material
Carbon Steel
Stainless Steel
Brass



Working Temperature
-20 °C / +100 °C



Interchange
ISO 7241-A



How to Connect
Push



Operating Pressure
Up to 250 Bar



Available Threads
Metric



Under Residual Pressure
Connction: not Allowed
Disconnection: not Allowed



Body Sizes
ISO 6.3 - 50



Sealing Description
NBR - FKM



Valve Type
Poppet

MAIN APPLICATIONS



OIL & GAS



AGRICULTURE



HYDRAULIC
INDUSTRY



EARTH MOVING



HYDRAULIC
EQUIPMENT



CONCRETE
VEHICLES



VEHICLES



CHEMICAL
INDUSTRY

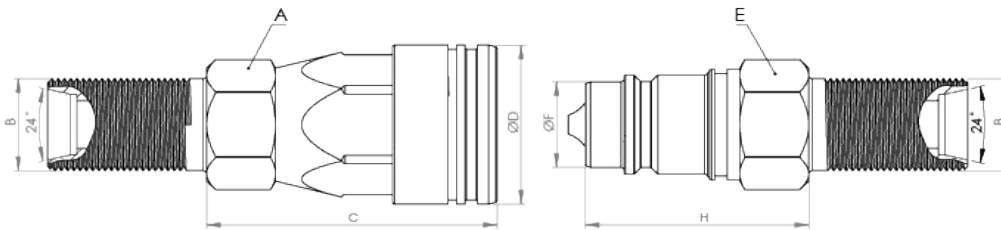
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TECHNICAL DRAWING



BODY SIZE	DESCRIPTION	COUPLING GENDER	Hex			THREAD SIZE(B)	DIAMETER			LENGTH			WEIGHT	
				mm	inch			mm	inch		mm	inch	kg	lbs
6,3	QCA-6A-M6S-BH	FEMALE	A	-	-	M14*1,5	D	-	-	C	-	-	-	-
	QCA-6B-M6S-BH	MALE	E	-	-	M14*1,5	F	-	-	H	-	-	-	-
10	QCA-10A-M8S-BH	FEMALE	A	24	0,94	M16*1,5	D	32	1,25	C	58	2,28	0,23	0,506
	QCA-10B-M8S-BH	MALE	E	22	0,86	M16*1,5	F	17,23	0,67	H	40	1,57	0,13	0,286
	QCA-10A-M10S-BH	FEMALE	A	24	0,94	M18*1,5	D	32	1,25	C	58	2,28	0,24	0,528
	QCA-10B-M10S-BH	MALE	E	22	0,86	M18*1,5	F	17,23	0,67	H	40	1,57	0,13	0,286
	QCA-10A-M12S-BH	FEMALE	A	24	0,94	M20*1,5	D	32	1,25	C	58	2,28	0,25	0,55
	QCA-10B-M12S-BH	MALE	E	22	0,86	M20*1,5	F	17,23	0,67	H	40	1,57	0,15	0,33
12,5	QCA-12A-M10S-BH	FEMALE	A	30	1,18	M18*1,5	D	38	1,49	C	69	2,71	0,33	0,726
	QCA-12B-M10S-BH	MALE	E	27	1,06	M18*1,5	F	20,48	0,80	H	47	1,85	0,16	0,352
	QCA-12A-M12S-BH	FEMALE	A	30	1,18	M20*1,5	D	38	1,49	C	69	2,71	0,34	0,748
	QCA-12B-M12S-BH	MALE	E	27	1,06	M20*1,5	F	20,48	0,80	H	47	1,85	0,18	0,396
	QCA-12A-M16S-BH	FEMALE	A	30	1,18	M24*1,5	D	38	1,49	C	69	2,71	0,38	0,836
	QCA-12B-M16S-BH	MALE	E	27	1,06	M24*1,5	F	20,48	0,80	H	47	1,85	0,22	0,484
20	QCA-20A-M12S-BH	FEMALE	A	38	1,49	M20*1,5	D	46,1	1,81	C	83	3,26	0,62	1,364
	QCA-20B-M12S-BH	MALE	E	36	1,41	M20*1,5	F	29	1,14	H	56	2,20	0,32	0,704
	QCA-20A-M16S-BH	FEMALE	A	38	1,49	M24*1,5	D	46,1	1,81	C	83	3,26	0,65	1,43
	QCA-20B-M16S-BH	MALE	E	36	1,41	M24*1,5	F	29	1,14	H	56	2,20	0,34	0,748
	QCA-20A-M20S-BH	FEMALE	A	38	1,49	M30*2	D	46,1	1,81	C	83	3,26	0,7	1,54
	QCA-20B-M20S-BH	MALE	E	36	1,41	M30*2	F	29	1,14	H	56	2,20	0,39	0,858

ISO 8434-1

BODY SIZE	WORKING PRESSURE						BURST PRESSURE					
	COUPLE		FEMALE		MALE		COUPLE		FEMALE		MALE	
	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI
6	31,5	4567	31,5	4567	31,5	4567	126	18270	126	18270	126	18270
10	31,5	4567	31,5	4567	31,5	4567	126	18270	126	18270	126	18270
12,5	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
19	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
25	20	2900	20	2900	20	2900	80	11600	80	11600	80	11600
31,5	20	2900	20	2900	20	2900	80	11600	80	11600	80	11600
40	16	2320	16	2320	16	2320	64	9280	64	9280	64	9280
50	10	1450	10	1450	10	1450	40	5800	40	5800	40	5800

POPPET TYPE - QCA - A SERIES

METRIC (S) BULKHEAD



TECHNICAL FEATURES AND OPTIONS

[CLICK HERE
FOR 3D SECTION](#)



Locking Mechanism
Locking Ball System



Flow Rate
Up to 757 l / min



Material
Carbon Steel
Stainless Steel
Brass



Working Temperature
-20 °C / +100 °C



Interchange
ISO 7241-A



How to Connect
Push



Operating Pressure
Up to 250 Bar



Available Threads
Metric



Under Residual Pressure
Connction: not Allowed
Disconnection: not Allowed



Body Sizes
ISO 6.3 - 50



Sealing Description
NBR - FKM



Valve Type
Popet

MAIN APPLICATIONS



OIL & GAS



AGRICULTURE



HYDRAULIC
INDUSTRY



EARTH MOVING



HYDRAULIC
EQUIPMENT



CONCRETE
VEHICLES



VEHICLES



CHEMICAL
INDUSTRY

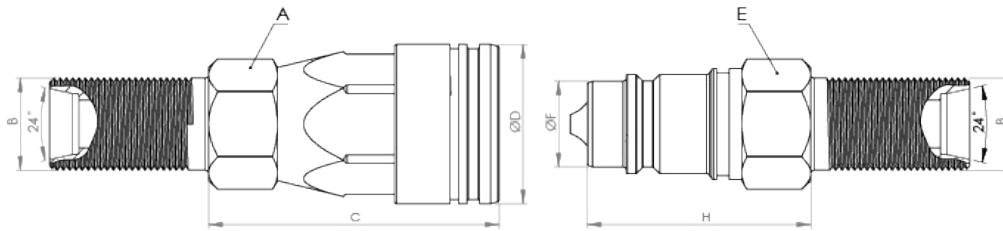
INFORMATION

- Do not connect or disconnect under residual pressure.
- Top quality elastomer seals provide maximum sealing.
- The external sealing ring ensures a solid connection and prevents disconnection due to vibration.
- The design prevents pressure drops and turbulences.
- Durable, safe, compact and easy to use design.
- Please clean the mating surfaces thoroughly before connecting, in order to prevent contaminants to enter into the system.
- Please make sure that the male and female parts are aligned properly to achieve full connection.

WARNING

- Connection and disconnection under dynamic pressure is not allowed.
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- Please ensure that the OLEOCON product you have chosen is compatible with the temperature, material and pressure requirements of your system.
- Please contact OLEOCON technical support for any further questions.

TECHNICAL DRAWING



BODY SIZE	DESCRIPTION	COUPLING GENDER		Hex		THREAD SIZE(B)	DIAMETER			LENGTH			WEIGHT	
					mm	inch		mm	inch		mm	inch	kg	lbs
25	QCA-25A-M16S-BH	FEMALE	A	46	1.81	M24*1.5	D	54	2.12	C	99.2	3.90	0.75	1.65
	QCA-25B-M16S-BH	MALE	E	41	1.61	M24*1.5	F	34.21	1.34	H	66	2.59	0.4	0.88
	QCA-25A-M20S-BH	FEMALE	A	46	1.81	M30*2	D	54	2.12	C	99.2	3.90	0.8	1.76
	QCA-25B-M20S-BH	MALE	E	41	1.61	M30*2	F	34.21	1.34	H	66	2.59	0.45	0.99
	QCA-25A-M25S-BH	FEMALE	A	46	1.81	M36*2	D	54	2.12	C	99.2	3.90	0.87	1.914
	QCA-25B-M25S-BH	MALE	E	41	1.61	M36*2	F	34.21	1.34	H	66	2.59	0.51	1.122
31.5	QCA-31A-M20S-BH	FEMALE	A	55	2.16	M30*2	D	68	2.67	C	117.2	4.61	1.3	2.86
	QCA-31B-M20S-BH	MALE	E	50	1.96	M30*2	F	44.9	1.77	H	75	2.95	0.52	1.144
	QCA-31A-M25S-BH	FEMALE	A	55	2.16	M36*2	D	68	2.67	C	117.2	4.61	1.31	2.882
	QCA-31B-M25S-BH	MALE	E	50	1.96	M36*2	F	44.9	1.77	H	75	2.95	0.52	1.144
	QCA-31A-M30S-BH	FEMALE	A	55	2.16	M42*2	D	68	2.67	C	117.2	4.61	1.32	2.904
	QCA-31B-M30S-BH	MALE	E	50	1.96	M42*2	F	44.9	1.77	H	75	2.95	0.53	1.166
40	QCA-40A-M30S-BH	FEMALE	A	70	2.75	M42*2	D	83	3.26	C	134.2	5.28	2.68	5.896
	QCA-40B-M30S-BH	MALE	E	60	2.36	M42*2	F	54.93	2.16	H	84	3.30	0.97	2.134
	QCA-40A-M38S-BH	FEMALE	A	70	2.75	M52*2	D	83	3.26	C	134.2	5.28	2.68	5.896
	QCA-40B-M38S-BH	MALE	E	60	2.36	M52*2	F	54.93	2.16	H	84	3.30	0.98	2.156
50	QCA-50A-M30S-BH	FEMALE	A	80	3.14	M42*2	D	99	3.89	C	160.2	6.30	3.9	8.58
	QCA-50B-M30S-BH	MALE	E	75	2.95	M42*2	F	65	2.55	H	97	3.81	1.5	3.3
	QCA-50A-M38S-BH	FEMALE	A	80	3.14	M52*2	D	99	3.89	C	160.2	6.30	2.91	6.402
	QCA-50B-M38S-BH	MALE	E	75	2.95	M52*2	F	65	2.55	H	97	3.81	1.51	3.322

ISO 8434-1

BODY SIZE	WORKING PRESSURE						BURST PRESSURE					
	COUPLE		FEMALE		MALE		COUPLE		FEMALE		MALE	
	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI
6	31.5	4567	31.5	4567	31.5	4567	126	18270	126	18270	126	18270
10	31.5	4567	31.5	4567	31.5	4567	126	18270	126	18270	126	18270
12.5	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
19	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
25	20	2900	20	2900	20	2900	80	11600	80	11600	80	11600
31.5	20	2900	20	2900	20	2900	80	11600	80	11600	80	11600
40	16	2320	16	2320	16	2320	64	9280	64	9280	64	9280
50	10	1450	10	1450	10	1450	40	5800	40	5800	40	5800

POPPET TYPE - QCA - A SERIES

UNF MALE



TECHNICAL FEATURES AND OPTIONS

[CLICK HERE
FOR 3D SECTION](#)



Locking Mechanism
Locking Ball System



Flow Rate
Up to 757 l / min



Material
Carbon Steel
Stainless Steel
Brass



Working Temperature
-20 °C / +100 °C



Interchange
ISO 7241-A



How to Connect
Push



Operating Pressure
Up to 250 Bar



Available Threads
UNF



Under Residual Pressure
Connction: not Allowed
Disconnection: not Allowed



Body Sizes
ISO 6.3 - 50



Sealing Description
NBR - FKM



Valve Type
Poppet

MAIN APPLICATIONS



OIL & GAS



AGRICULTURE



HYDRAULIC
INDUSTRY



EARTH MOVING



HYDRAULIC
EQUIPMENT



CONCRETE
VEHICLES



VEHICLES



CHEMICAL
INDUSTRY

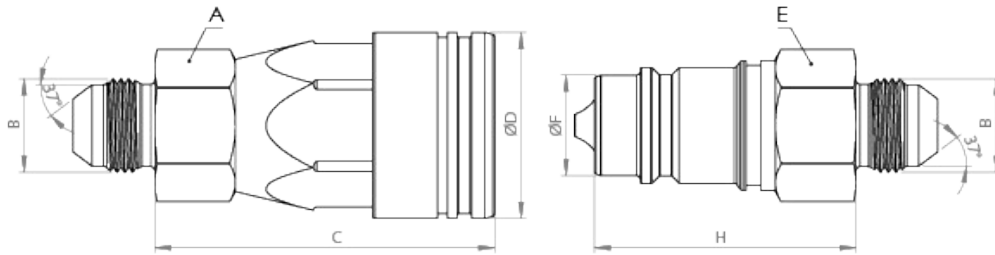
INFORMATION

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TECHNICAL DRAWING



BODY SIZE	DESCRIPTION	COUPLING GENDER	Hex			THREAD SIZE(B)	DIAMETER			LENGTH			WEIGHT	
				mm	inch			mm	inch		mm	inch	kg	lbs
6,3	QCA-6A-MSAE4	FEMALE	A	-	-	7/16-20 UNF	D	-	-	C	-	-	-	-
	QCA-6B-MSAE4	MALE	E	-	-	7/16-20 UNF	F	-	-	H	-	-	-	-
10	QCA-10A-MSAE5	FEMALE	A	24	0,94	1/2-20 UNF	D	32	1,25	C	58	2,28	0,19	0,35
	QCA-10B-MSAE5	MALE	E	22	0,86	1/2-20 UNF	F	17,23	0,67	H	40	1,57	0,09	0,13
	QCA-10A-MSAE6	FEMALE	A	24	0,94	9/16-18 UNF	D	32	1,25	C	58	2,28	0,2	0,35
	QCA-10B-MSAE6	MALE	E	22	0,86	9/16-18 UNF	F	17,23	0,67	H	40	1,57	0,09	0,13
	QCA-10A-MSAE8	FEMALE	A	24	0,94	3/4-16 UNF	D	32	1,25	C	58	2,28	0,2	0,35
	QCA-10B-MSAE8	MALE	E	22	0,86	3/4-16 UNF	F	17,23	0,67	H	40	1,57	0,1	0,13
12,5	QCA-12A-MSAE8	FEMALE	A	30	1,18	3/4-16 UNF	D	38	1,49	C	69	2,71	0,3	0,59
	QCA-12B-MSAE8	MALE	E	27	1,06	3/4-16 UNF	F	20,48	0,80	H	47	1,85	0,13	0,19
	QCA-12A-MSAE10	FEMALE	A	38	1,49	3/4-16 UNF	D	46,1	1,81	C	83	3,26	0,57	1,07
	QCA-12B-MSAE10	MALE	E	36	1,41	3/4-16 UNF	F	29	1,14	H	56	2,20	0,27	0,46
20	QCA-20A-MSAE12	FEMALE	A	38	1,49	1 1/16-12 UN	D	46,1	1,81	C	83	3,26	0,6	1,07
	QCA-20B-MSAE12	MALE	E	36	1,41	1 1/16-12 UN	F	29	1,14	H	56	2,20	0,29	0,46

ISO 8434-2

BODY SIZE	WORKING PRESSURE						BURST PRESSURE					
	COUPLE		FEMALE		MALE		COUPLE		FEMALE		MALE	
	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI
6	31,5	4567	31,5	4567	31,5	4567	126	18270	126	18270	126	18270
10	31,5	4567	31,5	4567	31,5	4567	126	18270	126	18270	126	18270
12,5	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
19	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
25	20	2900	20	2900	20	2900	80	11600	80	11600	80	11600
31,5	20	2900	20	2900	20	2900	80	11600	80	11600	80	11600
40	16	2320	16	2320	16	2320	64	9280	64	9280	64	9280
50	10	1450	10	1450	10	1450	40	5800	40	5800	40	5800

POPPET TYPE - QCA - A SERIES

UNF MALE



TECHNICAL FEATURES AND OPTIONS

CLICK HERE
FOR 3D SECTION



Locking Mechanism
Locking Ball System



Flow Rate
Up to 757 l / min



Material
Carbon Steel
Stainless Steel
Brass



Working Temperature
-20 °C / +100 °C



Interchange
ISO 7241-A



How to Connect
Push



Operating Pressure
Up to 250 Bar



Available Threads
UNF



Under Residual Pressure
Connction: not Allowed
Disconnection: not Allowed



Body Sizes
ISO 6.3 - 50



Sealing Description
NBR - FKM



Valve Type
Poppet

MAIN APPLICATIONS



OIL & GAS



AGRICULTURE



HYDRAULIC
INDUSTRY



EARTH MOVING



HYDRAULIC
EQUIPMENT



CONCRETE
VEHICLES



VEHICLES



CHEMICAL
INDUSTRY

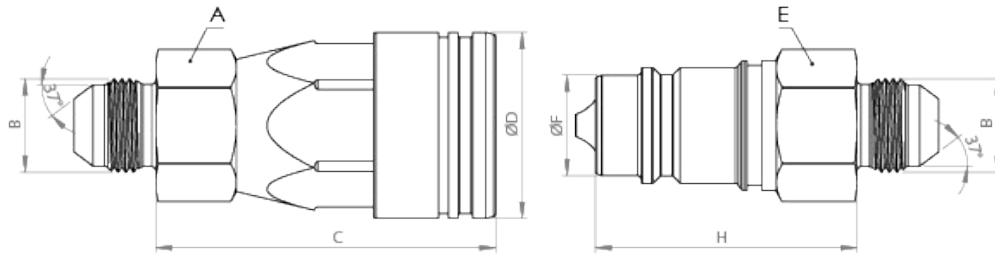
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TECHNICAL DRAWING



BODY SIZE	DESCRIPTION	COUPLING GENDER	Hex			THREAD SIZE(B)	DIAMETER			LENGTH			WEIGHT	
				mm	inch			mm	inch		mm	inch	kg	lbs
25	QCA-25A-MSAE12	FEMALE	A	46	1.81	1 1/16-12 UN	D	54	2.12	C	99.2	3.90	0.7	1.65
	QCA-25B-MSAE12	MALE	E	41	1.61	1 1/16-12 UN	F	34.21	1.34	H	66	2.59	0.34	0.68
31.5	QCA-31A-MSAE12	FEMALE	A	55	2.16	1 1/16-12 UN	D	68	2.67	C	117.2	4.61	1.31	2.88
	QCA-31B-MSAE12	MALE	E	50	1.96	1 1/16-12 UN	F	44.9	44.9	H	75	2.95	0.51	1.12
	QCA-31A-MSAE16	FEMALE	A	55	2.16	1 5/16-12 UN	D	68	2.67	C	117.2	4.61	1.31	2.88
	QCA-31B-MSAE16	MALE	E	50	1.96	1 5/16-12 UN	F	44.9	44.9	H	75	2.95	0.51	1.12
	QCA-31A-MSAE20	FEMALE	A	55	2.16	1 5/8-12 UN	D	68	2.67	C	117.2	4.61	1.31	2.88
	QCA-31B-MSAE20	MALE	E	50	1.96	1 5/8-12 UN	F	44.9	44.9	H	75	2.95	0.51	1.12
40	QCA-40A-MSAE20	FEMALE	A	70	2.75	1 5/8-12 UN	D	83	3.26	C	134.2	5.28	2.66	5.85
	QCA-40B-MSAE20	MALE	E	60	2.36	1 5/8-12 UN	F	54.93	2.16	H	84	3.30	0.96	2.11
	QCA-40A-MSAE24	FEMALE	A	70	2.75	1 7/8-12 UN	D	83	3.26	C	134.2	5.28	2.66	5.85
	QCA-40B-MSAE24	MALE	E	60	2.36	1 7/8-12 UN	F	54.93	2.16	H	84	3.30	0.96	2.11
50	QCA-50A-MSAE24	FEMALE	A	80	3.14	1 7/8-12 UN	D	99	3.89	C	160.2	6.30	3.89	8.55
	QCA-50B-MSAE24	MALE	E	75	2.95	1 7/8-12 UN	F	65	2.55	H	97	3.81	1.48	3.25
	QCA-50A-MSAE32	FEMALE	A	80	3.14	2 1/2-12 UN	D	99	3.89	C	160.2	6.30	3.89	8.55
	QCA-50B-MSAE32	MALE	E	75	2.95	2 1/2-12 UN	F	65	2.55	H	97	3.81	1.48	3.25

ISO-8434-2

BODY SIZE	WORKING PRESSURE						BURST PRESSURE					
	COUPLE		FEMALE		MALE		COUPLE		FEMALE		MALE	
	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI
6	31.5	4567	31.5	4567	31.5	4567	126	18270	126	18270	126	18270
10	31.5	4567	31.5	4567	31.5	4567	126	18270	126	18270	126	18270
12.5	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
19	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
25	20	2900	20	2900	20	2900	80	11600	80	11600	80	11600
31.5	20	2900	20	2900	20	2900	80	11600	80	11600	80	11600
40	16	2320	16	2320	16	2320	64	9280	64	9280	64	9280
50	10	1450	10	1450	10	1450	40	5800	40	5800	40	5800

POPPET TYPE - QCB - B SERIES

BSPP



TECHNICAL FEATURES AND OPTIONS

[CLICK HERE
FOR 3D SECTION](#)



Locking Mechanism
Locking Ball System



Flow Rate
Up to 189 l / min



Material
Carbon Steel
Stainless Steel
Brass



Working Temperature
-20 °C / +100 °C



Interchange
ISO 7241-B



How to Connect
Push



Operating Pressure
Up to 250 Bar



Available Threads
BSPP



Under Residual Pressure
Connction: not Allowed
Disconnection: not Allowed



Body Sizes
ISO 6.3 - 50



Sealing Description
NBR - FKM



Valve Type
Popet

MAIN APPLICATIONS



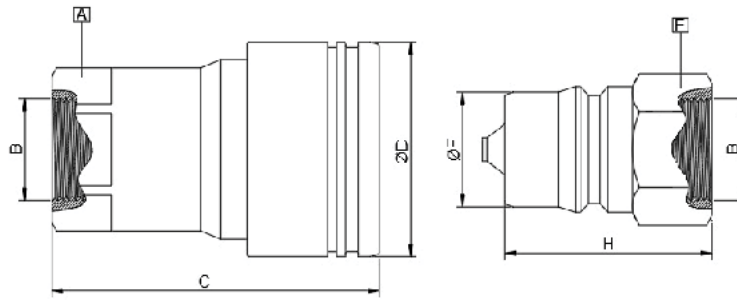
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TECHNICAL DRAWING



BODY SIZE	DESCRIPTION	COUPLING GENDER		Hex		THREAD SIZE(B)	DIAMETER			LENGTH			WEIGHT	
					mm	inch		mm	inch		mm	inch	kg	lbs
6.3	QCB-6A-G14	FEMALE	A	22	0,87	1/4"	D	30	1,18	C	63	2,48	0,15	0,33
	QCB-6B-G14	MALE	E	19	0,75	1/4"	F	14,15	0,56	H	41	1,61	0,05	0,11
10	QCB-10A-G38	FEMALE	A	24	0,94	3/8"	D	35	1,38	C	64,5	2,54	0,16	0,35
	QCB-10B-G38	MALE	E	22	0,86	3/8"	F	19,05	0,75	H	45	1,77	0,06	0,13
12.5	QCB-12A-G12	FEMALE	A	30	1,18	1/2"	D	44	1,73	C	74,3	2,92	0,27	0,59
	QCB-12B-G12	MALE	E	27	1,06	1/2"	F	23,5	0,92	H	47	1,85	0,09	0,19
20	QCB-20A-G34	FEMALE	A	38	1,49	3/4"	D	51	2	C	89,8	3,53	0,49	1,07
	QCB-20B-G34	MALE	E	36	1,41	3/4"	F	31,4	1,24	H	56	2,2	0,21	0,46
25	QCB-25A-G1	FEMALE	A	46	1,81	1"	D	60	2,36	C	106	4,17	0,75	1,65
	QCB-25B-G1	MALE	E	41	1,61	1"	F	37,75	1,49	H	66	2,59	0,31	0,68

ISO 1179-1

BODY SIZE	WORKING PRESSURE						BURST PRESSURE						
	COUPLE		FEMALE		MALE		COUPLE		FEMALE		MALE		
	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	
6	6	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
10	10	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
12,5	12,5	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
20	20	16	2320	16	2320	16	2320	64	9280	64	9280	64	9280
25	25	10	1450	10	1450	10	1450	40	5800	40	5800	40	5800
40	40	6,3	914	6,3	914	6,3	914	25	3625	25	3625	25	3625
50	50	5	725	5	725	5	725	20	2900	20	2900	20	2900

BODY SIZE	RATED FLOW			FLUID LOSS PER DISCONNECT	CONNECTING FORCE		DISCONNECTING FORCE	
	PRES.DROP (kPa)	L/MIN	GPM		N	lbf	N	lbf
6	100	12	2,64	2	50	11,2	20	4,5
10	180	23	5,06	2	70	15	30	6,75
12,5	200	45	9,91	2,5	90	20,22	45	10,11
20	200	106	23,34	9	140	31,46	50	11,23
25	250	189	41,62	25	190	42,69	55	12,35
31,5	200	288	63,43	60	230	51,68	65	14,6
40	200	379	83,48	90	250	56,17	70	15,73
50	200	757	166,74	150	270	60,67	80	17,97

POPPET TYPE - QCB - B SERIES

NPT



TECHNICAL FEATURES AND OPTIONS

[CLICK HERE
FOR 3D SECTION](#)

Locking Mechanism
Locking Ball System

Flow Rate
Up to 189 l / min

Material
Carbon Steel
Stainless Steel
Brass

Working Temperature
-20 °C / +100 °C

Interchange
ISO 7241-B

How to Connect
Push

Operating Pressure
Up to 250 Bar

Available Threads
NPT

Under Residual Pressure
Connction: not Allowed
Disconnection: not Allowed

Body Sizes
ISO 6.3 - 50

Sealing Description
NBR - FKM

Valve Type
Popet

MAIN APPLICATIONS



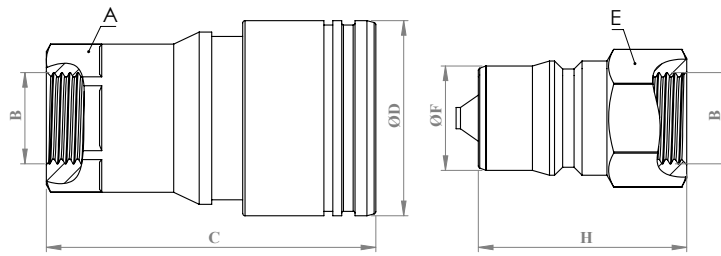
INFORMATION

- Do not connect or disconnect under residual pressure.
- Top quality elastomer seals provide maximum sealing.
- The external sealing ring ensures a solid connection and prevents disconnection due to vibration.
- The design prevents pressure drops and turbulences.
- Durable, safe, compact and easy to use design.
- Please clean the mating surfaces thoroughly before connecting, in order to prevent contaminants to enter into the system.
- Please make sure that the male and female parts are aligned properly to achieve full connection.

WARNING

- Connection and disconnection under dynamic pressure is not allowed.
- Connection and disconnection is not allowed when the temperature of the circulating fluid is above 80°C / 176°F.
- Make sure the system pressure is below the maximum working pressure.
- Please ensure that the OLEOCON product you have chosen is compatible with the temperature, material and pressure requirements of your system.
- Please contact OLEOCON technical support for any further questions.

TECHNICAL DRAWING

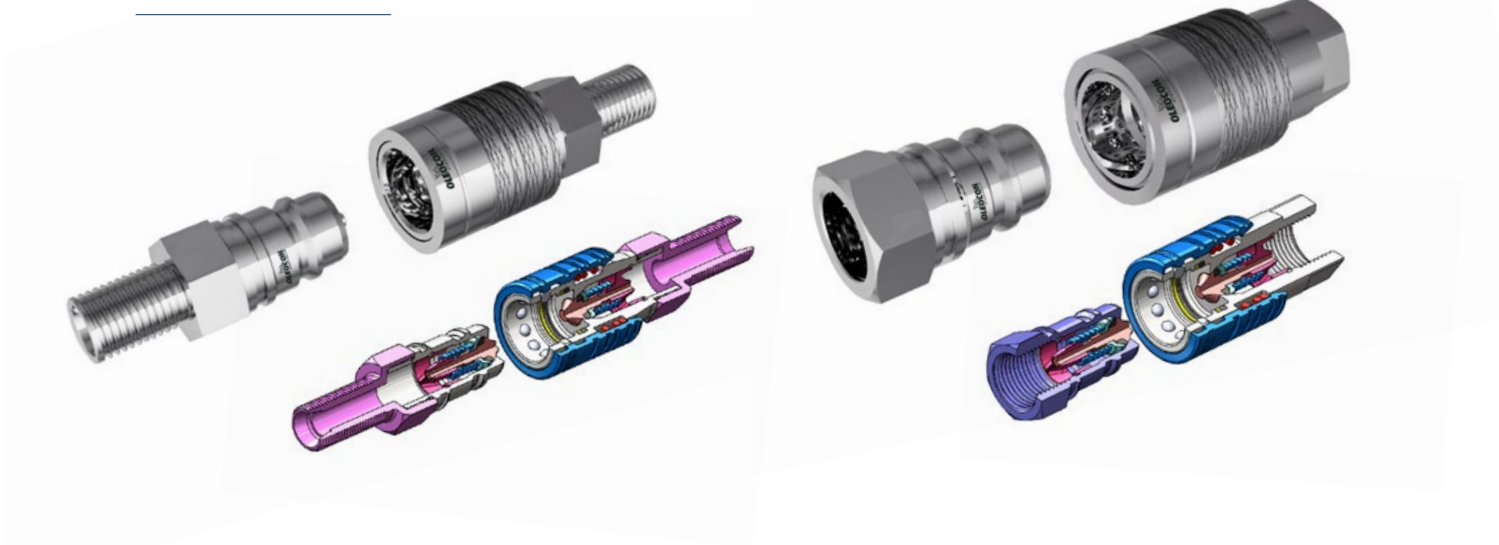


BODY SIZE	DESCRIPTION	COUPLING GENDER	Hex			THREAD SIZE(B)	DIAMETER			LENGTH			WEIGHT	
				mm	inch			mm	inch		mm	inch	kg	lbs
6.3	QCB-6A-NPT14	FEMALE	A	-	-	1/4"	D	-	-	C	-	-	-	-
	QCB-6B-NPT14	MALE	E	-	-	1/4"	F	-	-	H	-	-	-	-
10	QCB-10A-NPT38	FEMALE	A	24	0,94	3/8"	D	32	1,25	C	58	2,28	0,16	0,35
	QCB-10B-NPT38	MALE	E	22	0,86	3/8"	F	17,23	0,67	H	40	1,57	0,06	0,13
12.5	QCB-12A-NPT12	FEMALE	A	30	1,18	1/2"	D	38	1,49	C	69	2,71	0,27	0,59
	QCB-12B-NPT12	MALE	E	27	1,06	1/2"	F	20,48	0,80	H	47	1,85	0,09	0,19
20	QCB-20A-NPT34	FEMALE	A	38	1,49	3/4"	D	46,1	1,81	C	83	3,26	0,49	1,07
	QCB-20B-NPT34	MALE	E	36	1,41	3/4"	F	29	1,14	H	56	2,20	0,21	0,46
25	QCB-25A-NPT1	FEMALE	A	46	1,81	1"	D	54	2,12	C	99,2	3,90	0,75	1,65
	QCB-25B-NPT1	MALE	E	41	1,61	1"	F	34,21	1,34	H	66	2,59	0,31	0,68

ASME B1.20.1.NPT

BODY SIZE	WORKING PRESSURE						BURST PRESSURE						
	COUPLE		FEMALE		MALE		COUPLE		FEMALE		MALE		
	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	
6	6	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
10	10	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
12,5	12,5	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500
20	20	16	2320	16	2320	16	2320	64	9280	64	9280	64	9280
25	25	10	1450	10	1450	10	1450	40	5800	40	5800	40	5800
40	40	6,3	914	6,3	914	6,3	914	25	3625	25	3625	25	3625
50	50	5	725	5	725	5	725	20	2900	20	2900	20	2900

PUSH PULL



TECHNICAL FEATURES AND OPTIONS

[CLICK HERE
FOR 3D SECTION](#)

[CLICK HERE
FOR 3D SECTION](#)



Locking Mechanism
Locking Ball
System



Flow Rate
Up to 45 l / min



Material
Carbon Steel
Stainless Steel
Brass



Working Temperature
-20 °C / +100 °C



Interchange
ISO 7241-A



How to Connect
Push



Operating Pressure
Up to 250 Bar



Available Threads
BSP - Metric



Under Residual Pressure
Connetion: not Allowed
Disconnection: not Allowed



Body Sizes
ISO 12.5



Sealing Description
NBR - FKM



Valve Type
Popet

MAIN APPLICATIONS



OIL & GAS



AGRICULTURE



HYDRAULIC
INDUSTRY



EARTH MOVING



HYDRAULIC
EQUIPMENT



CONCRETE
VEHICLES



VEHICLES



CHEMICAL
INDUSTRY

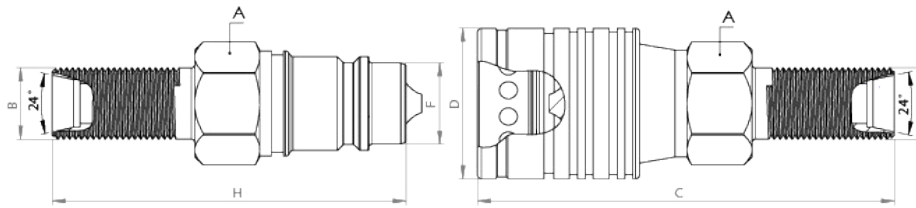
INFORMATION

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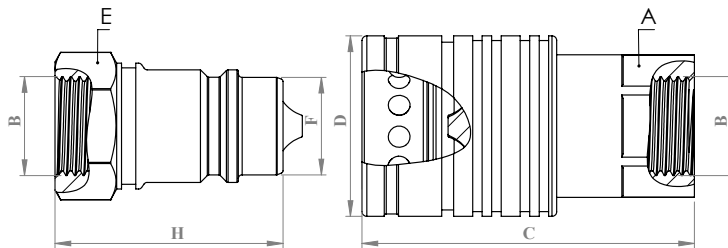
TECHNICAL DRAWING



BODY SIZE	DESCRIPTION	COUPLING GENDER	THREAD TYPE	Hex			THREAD SIZE(B)	DIAMETER			LENGTH			WEIGHT	
					mm	inch			mm	inch		mm	inch	kg	lbs
12,5	PPB-12A-12L	FEMALE	M	A	27	1,06	M18*1,5	D	38	1,49	C	105,5	4,01	0,32	0,70
	PPB-12B-12L	MALE	M	A	27	1,06	M18*1,5	F	20,48	0,8	H	89,5	3,52	0,14	0,30

ISO 8434-1

TECHNICAL DRAWING



BODY SIZE	DESCRIPTION	COUPLING GENDER	THREAD TYPE	Hex			THREAD SIZE(B)	DIAMETER			LENGTH			WEIGHT	
					mm	inch			mm	inch		mm	inch	kg	lbs
12,5	PP-12A-G12	FEMALE	BSPP	A	27	1,06	1/2"	D	38	1,49	C	69	2,71	0,3	0,66
	QCA-12B-G12	MALE	BSPP	E	27	1,06	1/2"	F	20,48	0,8	H	53,5	2,10	0,09	0,19

ISO 1179-1

PUSH PULL



TECHNICAL FEATURES AND OPTIONS

[CLICK HERE
FOR 3D SECTION](#)



Locking Mechanism
Locking Ball
System



Flow Rate
Up to 45 l / min



Material
Carbon Steel
Stainless Steel
Brass



Working Temperature
-20 °C / +100 °C



Interchange
ISO 7241-A



How to Connect
Push



Operating Pressure
Up to 250 Bar



Available Threads
BSP - Metric



Under Residual Pressure
Connction: not Allowed
Disconnection: not Allowed



Body Sizes
ISO 12.5



Sealing Description
NBR - FKM



Valve Type
Popet

MAIN APPLICATIONS



OIL & GAS



AGRICULTURE



HYDRAULIC
INDUSTRY



EARTH MOVING



HYDRAULIC
EQUIPMENT



CONCRETE
VEHICLES



VEHICLES



CHEMICAL
INDUSTRY

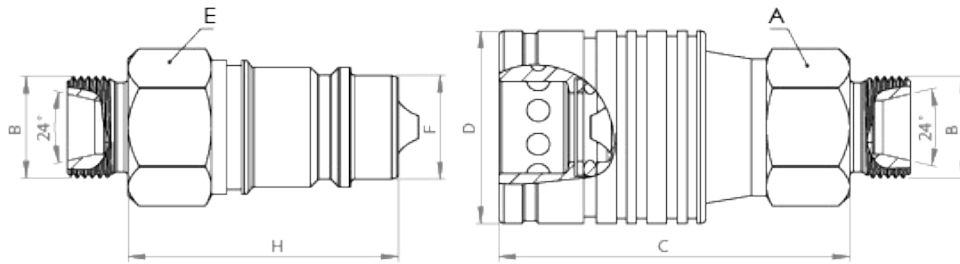
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TECHNICAL DRAWING



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					mm	inch			mm	inch		mm	inch	kg	lbs
12,5	PP-12A-12L	FEMALE	M	A	27	1.06	18*1.5	D	38	1.49	C	80.5	3.16	0.30	0.66
	PP-12B-12L	MALE	M	E	27	1.06	18*1.5	F	20.48	0.8	H	64.5	2.53	0.11	0.24
	PP-12A-12S	FEMALE	M	A	27	1.06	20*1.5	D	38	1.49	C	81.5	3.2	0.31	0.68
	PP-12B-12S	MALE	M	E	27	1.06	20*1.5	F	20.48	0.8	H	65.5	2.57	0.12	0.26
	PP-12A-15L	FEMALE	M	A	27	1.06	22*1.5	D	38	1.49	C	81.5	3.2	0.31	0.68
	PP-12B-15L	MALE	M	E	27	1.06	22*1.5	F	20.48	0.8	H	65.5	2.57	0.12	0.26
	PP-12A-16S	FEMALE	M	A	27	1.06	24*1.5	D	38	1.49	C	83.5	3.28	0.31	0.68
	PP-12B-16S	MALE	M	E	27	1.06	24*1.5	F	20.48	0.8	H	67.5	2.65	0.12	0.26

ISO 8434-1

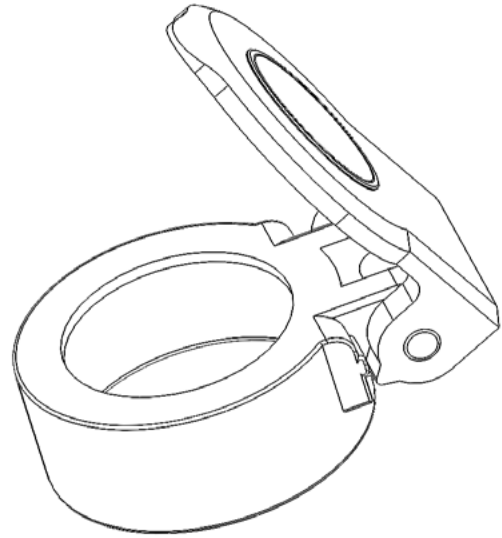
BODY SIZE	WORKING PRESSURE						BURST PRESSURE					
	COUPLE		FEMALE		MALE		COUPLE		FEMALE		MALE	
	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI
12,5	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500

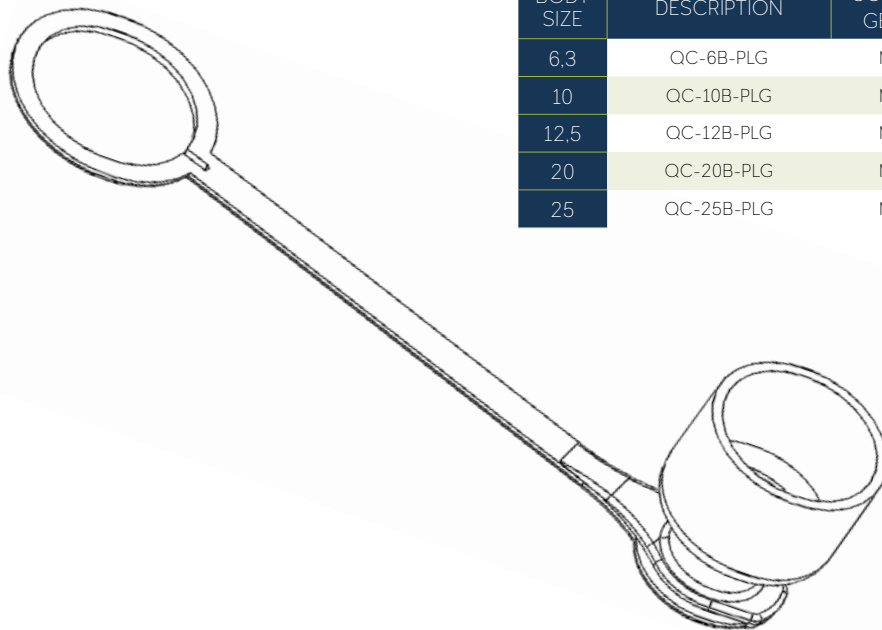
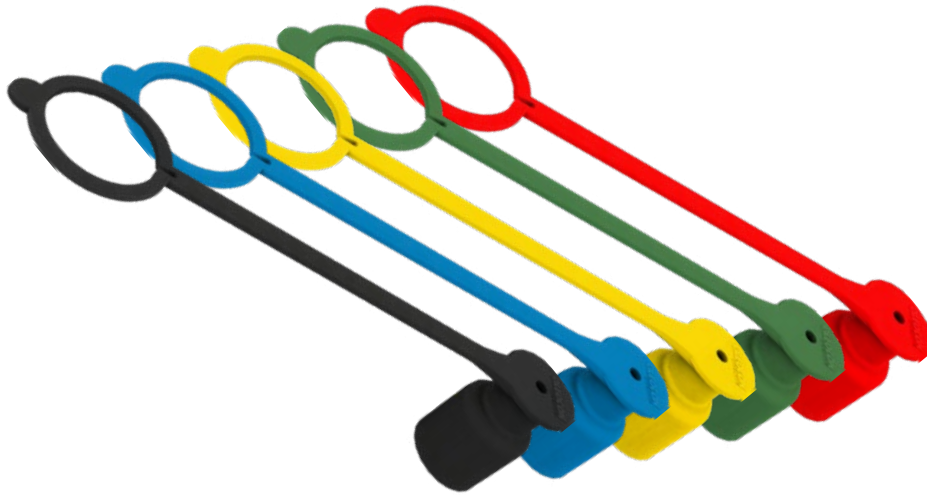
BODY SIZE	RATED FLOW			FLUID LOSS PER DIS-CONNECT	CONNECTING FORCE		DISCONNECTING FORCE	
	PRES.DROP (kPa)	L/MIN	GPM		N	lbf	N	lbf
12,5	200	45	9,91	2,5	90	20,22	45	10,11

DUST COVERS



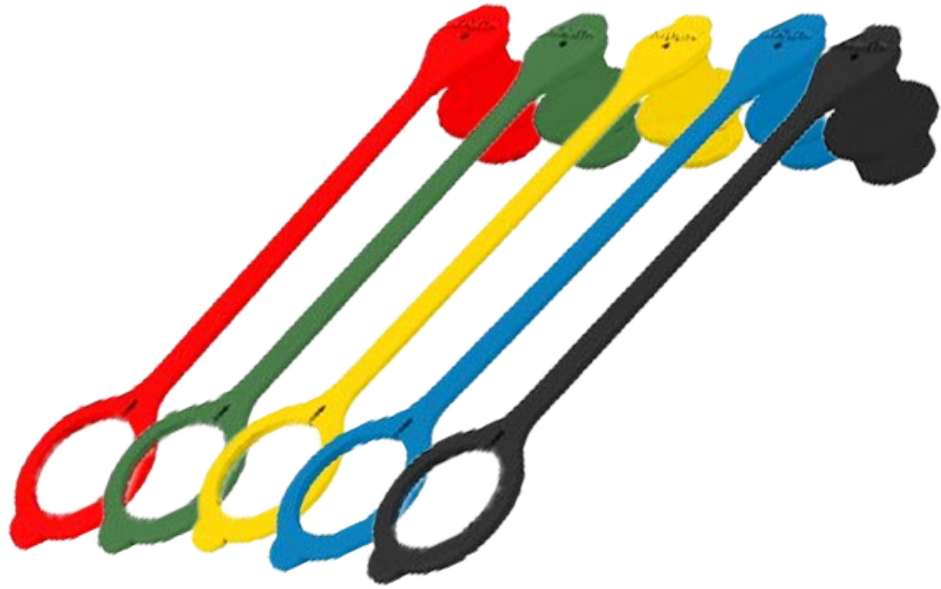
BODY SIZE	DESCRIPTION	COUPLING GENDER
6,3	QC-6A-PLGY	FEMALE
10	QC-10A-PLGY	FEMALE
12,5	QC-12A-PLGY	FEMALE
20	QC-20A-PLGY	FEMALE
25	QC-25A-PLGY	FEMALE



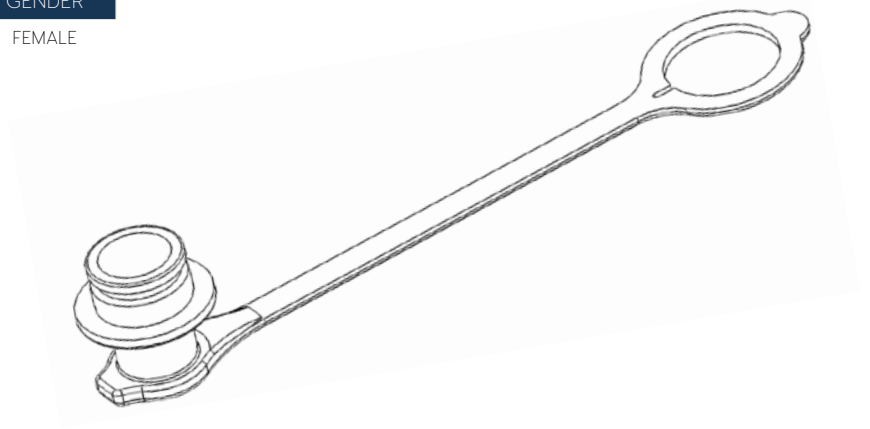


BODY SIZE	DESCRIPTION	COUPLING GENDER
6,3	QC-6B-PLG	MALE
10	QC-10B-PLG	MALE
12,5	QC-12B-PLG	MALE
20	QC-20B-PLG	MALE
25	QC-25B-PLG	MALE

DUST COVERS

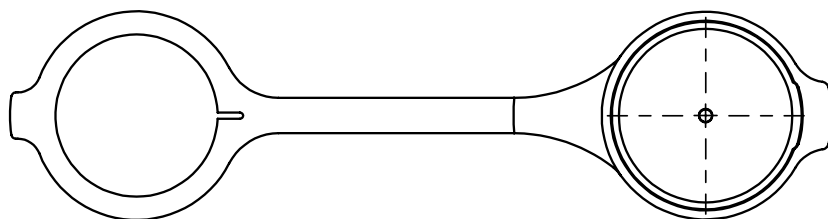
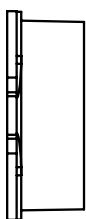
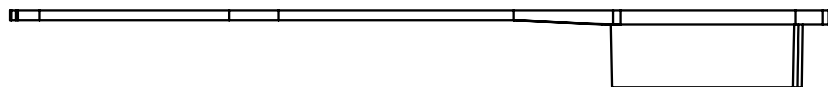


BODY SIZE	DESCRIPTION	COUPLING GENDER
12,5	QC-12A-PLG	FEMALE



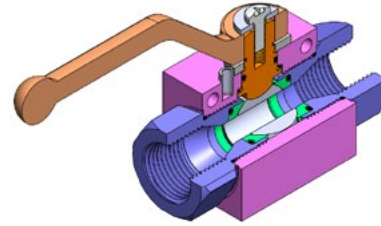


BODY SIZE	DESCRIPTION	COUPLING GENDER
12.5	QC-12A-RPG	FEMALE



BALL VALVES - KV2 SERIES

BSPP



CLICK HERE
FOR 3D SECTION

TECHNICAL FEATURES AND OPTIONS



Working Temperature
-20 °C / +100 °C



Material
High Strength
Carbon Steel
Stainless Steel



Operating Pressure
Up to 500 Bar



Available Threads
BSP - NPT - SAE - Metric



Body Sizes
DN10-25



Sealing Description
NBR - FKM - PTFE - EPDM

MAIN APPLICATIONS



OIL & GAS



AGRICULTURE



HYDRAULIC
INDUSTRY



EARTH MOVING



HYDRAULIC
EQUIPMENT



CONCRETE
VEHICLES



VEHICLES



CHEMICAL
INDUSTRY

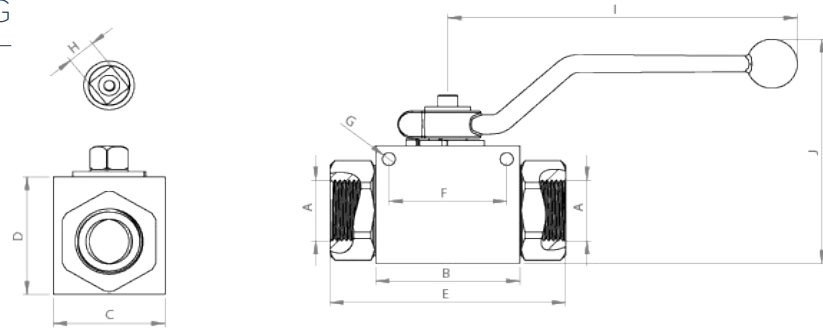
INFORMATION

- KV2 Series 2-Way Hydraulic Ball Valves are used to shut-off or open the flow passage, and their easy operation provides unrestricted flow.
- The volumetric structure enables rapid and smooth flow and prevents cavitation.
- KV2 Series Ball Valves can be locked open or closed by changing the position of the lock plate.
- The internal ball is made of hard chrome coated steel and the seat is of delrin (POM).

WARNING

- Please ensure that the flow rate is within the usual values.
- Please do not expose to abnormal operating conditions. (E.g. oscillations, impulse pressures, water hammering, cavitation, and proportions of solid materials and abrasives)
- Please do not touch the valves, when the working temperature is lower than -20°C or higher than +50°C.
- Make sure the system pressure is below the maximum working pressure.
- Please ensure the cleanliness of all connection surfaces to avoid dirt or dust accumulation in the circuit.
- Please ensure the alignment and full connection of the assembly parts.
- Please ensure that the OLEOCON product you have chosen is compatible with the temperature, material and pressure requirements of your system.
- Please contact OLEOCON technical support for any further questions.

TECHNICAL DRAWING



SIZE DN	DESCRIPTION	A	B		C		D		E		F		G		H		I		J		WEIGHT	
			mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	kg	inch
10	KV2-10-G14	1/4	46	1.81	30	1.18	35	1.37	75	2.95	38	1.49	4.2	0.16	10	0.39	108	5.74	76	2.99	0.45	0.99
	KV2-10-G38	3/8	46	1.81	30	1.18	35	1.37	75	2.95	38	1.49	4.2	0.16	10	0.39	108	5.74	76	2.99	0.42	0.93
12.5	KV2-12-G12	1/2	51	2	35	1.37	40	1.57	82.5	3.24	41.5	1.63	5	0.19	10	0.39	108	7.48	82	3.22	0.62	1.37
20	KV2-20-G34	3/4	61	2.4	45	1.77	55	2.16	92	3.62	50	1.96	6.5	0.25	14	0.55	175	8.7	110	4.33	1.26	2.79
25	KV2-25-G1	1	71	2.79	55	2.16	60	2.36	116	4.56	58	2.28	6.5	0.25	14	0.55	175	9.17	114	4.48	1.88	4.17
	KV2-25-G114	1 1/4	71	2.79	55	2.16	60	2.36	130	5.11	58	2.28	6.5	0.25	14	0.55	175	9.44	114	4.48	1.95	4.32
	KV2-25-G112	1 1/2	71	2.79	55	2.16	60	2.36	136	5.35	58	2.28	6.5	0.25	14	0.55	175	9.56	114	4.48	2.05	4.55

ISO 1179-1

RSPPP

SIZE DN	DESCRIPTION	A	B		C		D		E		F		G		H		I		J		WEIGHT	
			mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	kg	inch
10	KV2-10-NPT14	1/4	46	1.81	30	1.18	35	1.37	75	2.95	38	1.49	4.2	0.16	10	0.39	108	5.74	76	2.99	0.45	0.99
	KV2-10-NPT38	3/8	46	1.81	30	1.18	35	1.37	75	2.95	38	1.49	4.2	0.16	10	0.39	108	5.74	76	2.99	0.42	0.93
12.5	KV2-12-NPT12	1/2	51	2	35	1.37	40	1.57	82.5	3.24	41.5	1.63	5	0.19	10	0.39	108	7.48	82	3.22	0.62	1.37
20	KV2-20-NPT34	3/4	61	2.4	45	1.77	55	2.16	92	3.62	50	1.96	6.5	0.25	14	0.55	175	8.7	110	4.33	1.26	2.79
25	KV2-25-NPT1	1	71	2.79	55	2.16	60	2.36	116	4.56	58	2.28	6.5	0.25	14	0.55	175	9.17	114	4.48	1.88	4.17
	KV2-25-NPT114	1 1/4	71	2.79	55	2.16	60	2.36	130	5.11	58	2.28	6.5	0.25	14	0.55	175	9.44	114	4.48	1.95	4.32
	KV2-25-NPT112	1 1/2	71	2.79	55	2.16	60	2.36	136	5.35	58	2.28	6.5	0.25	14	0.55	175	9.56	114	4.48	2.05	4.55

ASME B1.20.1 NPT

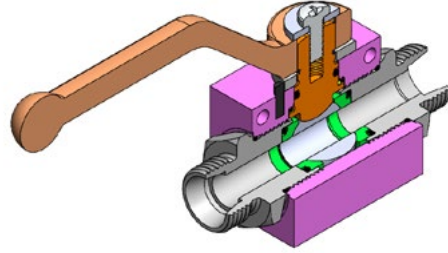
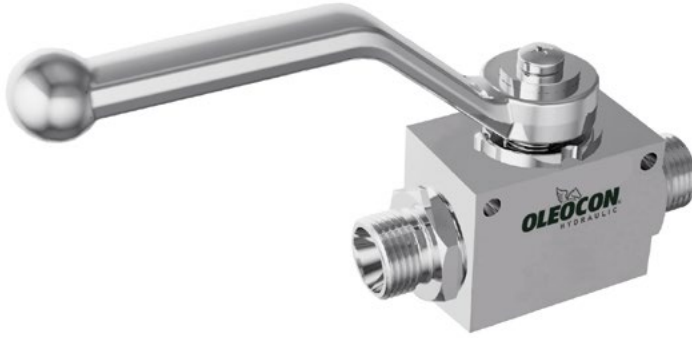
SIZE DN	DESCRIPTION	A	B		C		D		E		F		G		H		I		J		WEIGHT	
			mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	kg	inch
10	KV2-10-SAE4	7/16 UNF	46	1.81	30	1.18	35	1.37	75	2.95	38	1.49	4.2	0.16	10	0.39	108	5.74	76	2.99	0.45	0.99
	KV2-10-SAE6	9/16 UNF	46	1.81	30	1.18	35	1.37	75	2.95	38	1.49	4.2	0.16	10	0.39	108	5.74	76	2.99	0.42	0.93
12.5	KV2-12-SAE8	3/4 UNF	51	2	35	1.37	40	1.57	82.5	3.24	41.5	1.63	5	0.19	10	0.39	108	7.48	82	3.22	0.62	1.37
20	KV2-20-SAE12	1 1/16 UN	61	2.4	45	1.77	55	2.16	92	3.62	50	1.96	6.5	0.25	14	0.55	175	8.7	110	4.33	1.26	2.79
25	KV2-25-SAE16	1 5/16 UN	71	2.79	55	2.16	60	2.36	116	4.56	58	2.28	6.5	0.25	14	0.55	175	9.17	114	4.48	1.88	4.17
	KV2-25-SAE20	1 5/8 UN	71	2.79	55	2.16	60	2.36	130	5.11	58	2.28	6.5	0.25	14	0.55	175	9.44	114	4.48	1.95	4.32
	KV2-25-SAE24	1 7/8 UN	71	2.79	55	2.16	60	2.36	136	5.35	58	2.28	6.5	0.25	14	0.55	175	9.56	114	4.48	2.05	4.55

ISO 11926-1

WORKING PRESSURE															
10(6)		10		12		20		25		25 (31.5)		25 (40)			
MPa	Psi	MPa	Psi	MPa	Psi	MPa	Psi	MPa	Psi	MPa	Psi	MPa	Psi	MPa	Psi
50	7250	50	7250	50	7250	40	5800	40	5800	35	5075	35	5075		

BALL VALVES - KV2 SERIES

METRIC



CLICK HERE
FOR 3D SECTION

TECHNICAL FEATURES AND OPTIONS



Working Temperature
-20 °C / +100 °C



Material
High Strength
Carbon Steel
Stainless Steel



Operating Pressure
Up to 500 Bar



Available Threads
BSP - NPT - SAE - Metric



Body Sizes
DN10-25



Sealing Description
NBR - FKM - PTFE - EPDM

MAIN APPLICATIONS



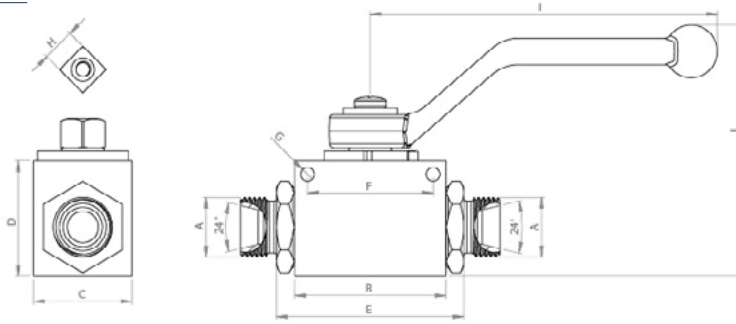
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- Please ensure that the OLEOCON product you have chosen is compatible with the temperature, material and pressure requirements of your system.
- Please contact OLEOCON technical support for any further questions.

TECHNICAL DRAWING



SIZE DN	DESCRIPTION	A	B		C		D		E		F		G		H		I		J		WEIGHT	
			mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	kg	inch
10	KV2-10-6L	M12*1.5	46	1.81	30	1.18	35	1.37	78	3.07	38	1.49	4.2	0.16	10	0.39	108	5.74	76	2.99	0.40	0.88
	KV2-10-8L	M14*1.5	46	1.81	30	1.18	35	1.37	78	3.07	38	1.49	4.2	0.16	10	0.39	108	5.74	76	2.99	0.42	0.93
	KV2-10-10L	M16*1.5	46	1.81	30	1.18	35	1.37	80	3.14	38	1.49	4.2	0.16	10	0.39	108	5.74	76	2.99	0.43	0.95
	KV2-10-12L	M18*1.5	46	1.81	30	1.18	35	1.37	80	3.14	38	1.49	4.2	0.16	10	0.39	108	5.74	76	2.99	0.41	0.91
12,5	KV2-12-15L	M22*1.5	51	2	35	1.37	40	1.57	89	3.5	41.5	1.63	5	0.19	10	0.39	108	7.48	82	3.22	0.60	1.33
	KV2-12-18L	M26*1.5	51	2	35	1.37	40	1.57	89	3.5	41.5	1.63	5	0.19	10	0.39	108	7.48	82	3.22	0.61	1.35
20	KV2-20-22L	M30*2	61	2.4	45	1.77	55	2.16	95	3.74	50	1.96	6.5	0.25	14	0.55	175	8.7	110	4.33	1.25	2.77
25	KV2-25-28L	M36*2	71	2.79	55	2.16	60	2.36	131	5.15	58	2.28	6.5	0.25	14	0.55	175	9.17	114	4.48	1.36	3.01
	KV2-25-35L	M45*2	71	2.79	55	2.16	60	2.36	133	5.23	58	2.28	6.5	0.25	14	0.55	175	9.44	114	4.48	1.95	4.32
	KV2-25-42L	M52*2	71	2.79	55	2.16	60	2.36	148	5.82	58	2.28	6.5	0.25	14	0.55	175	9.56	114	4.48	2.45	5.43

ISO 8434 - 1

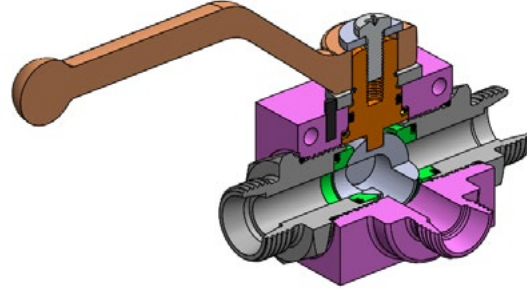
SIZE DN	DESCRIPTION	A	B		C		D		E		F		G		H		I		J		WEIGHT	
			mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	kg	inch
10	KV2-10-6S	M14*1.5	46	1.81	30	1.18	35	1.37	82	3.22	38	1.49	4.2	0.16	10	0.39	108	5.74	76	2.99	0.45	0.99
	KV2-10-8S	M16*1.5	46	1.81	30	1.18	35	1.37	82	3.22	38	1.49	4.2	0.16	10	0.39	108	5.74	76	2.99	0.47	1.04
	KV2-10-10S	M18*1.5	46	1.81	30	1.18	35	1.37	82	3.22	38	1.49	4.2	0.16	10	0.39	108	5.74	76	2.99	0.43	0.95
	KV2-10-12S	M20*1.5	46	1.81	30	1.18	35	1.37	82	3.22	38	1.49	4.2	0.16	10	0.39	108	5.74	76	2.99	0.44	0.97
12,5	KV2-12-16S	M24*1.5	51	2	35	1.37	40	1.57	93	3.66	41.5	1.63	5	0.19	10	0.39	108	7.48	82	3.22	0.62	1.37
20	KV2-20-20S	M30*2	61	2.4	45	1.77	55	2.16	99	3.89	50	1.96	6.5	0.25	14	0.55	175	8.7	110	4.33	1.30	2.88
25	KV2-25-25S	M36*2	71	2.79	55	2.16	60	2.36	135	5.31	58	2.28	6.5	0.25	14	0.55	175	9.17	114	4.48	1.40	3.10
	KV2-25-30S	M42*2	71	2.79	55	2.16	60	2.36	141	5.55	58	2.28	6.5	0.25	14	0.55	175	9.44	114	4.48	2.04	4.52
	KV2-25-38S	M52*2	71	2.79	55	2.16	60	2.36	160	6.29	58	2.28	6.5	0.25	14	0.55	175	9.56	114	4.48	2.49	5.52

ISO 8434 - 1

WORKING PRESSURE													
10(6)		10		12		20		25		25 (31,5)		25 (40)	
MPa	Psi	MPa	Psi	MPa	Psi	MPa	Psi	MPa	Psi	MPa	Psi	MPa	Psi
50	7250	50	7250	50	7250	40	5800	40	5800	35	5075	35	5075

BALL VALVES - KV3L SERIES

METRIC



TECHNICAL FEATURES AND OPTIONS

[CLICK HERE
FOR 3D SECTION](#)



Working Temperature
-20 °C / +100 °C



Material
High Strength
Carbon Steel
Stainless Steel



Operating Pressure
Up to 500 Bar



Available Threads
BSP - NPT - SAE - Metric



Body Sizes
DN10-25



Sealing Description
NBR - FKM - PTFE - EPDM

MAIN APPLICATIONS



OIL & GAS



AGRICULTURE



HYDRAULIC
INDUSTRY



EARTH MOVING



HYDRAULIC
EQUIPMENT



CONCRETE
VEHICLES



VEHICLES



CHEMICAL
INDUSTRY

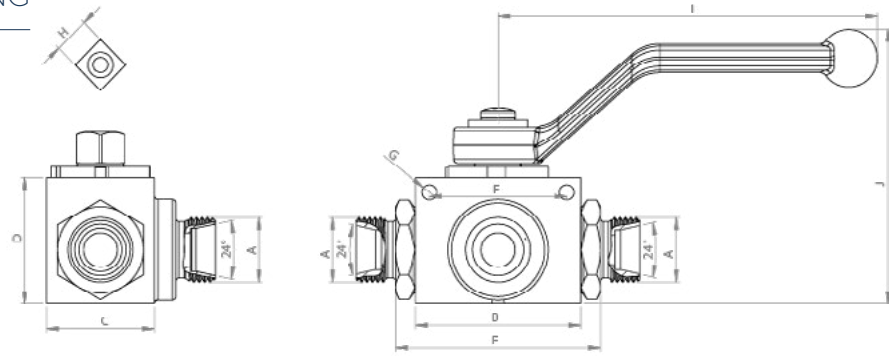
INFORMATION

- OLEOCON L Port 3 Way Ball Valves direct the flow from the inlet port to one of the 2 outlet ports, without restricting the flow.
- The volumetric structure enables rapid and smooth flow and prevents cavitation.
- KV3 Series Ball Valves can be locked open or closed by changing the position of the lock plate.
- The internal ball is made of hard chrome coated steel and the seat is of delrin (POM).

WARNING

- Please ensure that the flow rate is within the usual values.
- Please do not expose to abnormal operating conditions. (E.g. oscillations, impulse pressures, water hammering, cavitation, and proportions of solid materials and abrasives)
- Please do not touch the valves, when the working temperature is lower than -20°C or higher than +50°C.
- Make sure the system pressure is below the maximum working pressure.
- Please ensure the cleanliness of all connection surfaces to avoid dirt or dust accumulation in the circuit.
- Please ensure the alignment and full connection of the assembly parts.
- Please ensure that the OLEOCON product you have chosen is compatible with the temperature, material and pressure requirements of your system.
- Please contact OLEOCON technical support for any further questions.

TECHNICAL DRAWING



SIZE DN	DESCRIPTION	A	B		C		D		E		F		G		H		I		J		WEIGHT	
			mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	kg	inch
10	KV3L-10-6L	M12*1.5	46	1.81	46	1.18	35	1.37	78	3.07	38	1.49	4.2	0.16	10	0.39	108	5.74	76	2.99	0.45	0.99
	KV3L-10-8L	M14*1.5	46	1.81	46	1.18	35	1.37	78	3.07	38	1.49	4.2	0.16	10	0.39	108	5.74	76	2.99	0.44	0.97
	KV3L-10-10L	M16*1.5	46	1.81	47	1.18	35	1.37	80	3.14	38	1.49	4.2	0.16	10	0.39	108	5.74	76	2.99	0.47	1.04
	KV3L-10-12L	M18*1.5	46	1.81	47	1.18	35	1.37	80	3.14	38	1.49	4.2	0.16	10	0.39	108	5.74	76	2.99	0.46	1.02
12,5	KV3L-12-15L	M22*1.5	51	2	54	1.37	40	1.57	89	3.5	41.5	1.63	5	0.19	10	0.39	108	7.48	82	3.22	0.71	1.57
	KV3L-12-18L	M26*1.5	51	2	54	1.37	40	1.57	89	3.5	41.5	1.63	5	0.19	10	0.39	108	7.48	82	3.22	0.72	1.59
20	KV3L-20-22L	M30*2	61	2.4	57	1.77	55	2.16	99	3.74	50	1.96	6.5	0.25	14	0.55	175	8.7	110	4.33	1.25	2.77
25	KV3L-25-28L	M36*2	71	2.79	85	2.16	60	2.36	131	5.15	58	2.28	6.5	0.25	14	0.55	175	9.17	114	4.48	1.46	3.24
	KV3L-25-35L	M45*2	71	2.79	86	2.16	60	2.36	133	5.23	58	2.28	6.5	0.25	14	0.55	175	9.44	114	4.48	2.75	6.10
	KV3L-25-42L	M52*2	71	2.79	94	2.16	60	2.36	148	5.82	58	2.28	6.5	0.25	14	0.55	175	9.56	114	4.48	3.35	7.43

ISO 8434 - 1

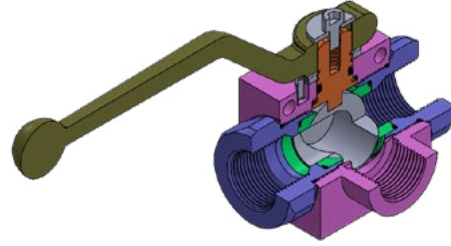
SIZE DN	DESCRIPTION	A	B		C		D		E		F		G		H		I		J		WEIGHT	
			mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	kg	inch
10	KV3L-10-6S	M14*1.5	46	1.81	48	1.18	35	1.37	82	3.22	38	1.49	4.2	0.16	10	0.39	108	5.74	76	2.99	0.50	1.11
	KV3L-10-8S	M16*1.5	46	1.81	48	1.18	35	1.37	82	3.22	38	1.49	4.2	0.16	10	0.39	108	5.74	76	2.99	0.50	1.11
	KV3L-10-10S	M18*1.5	46	1.81	49	1.18	35	1.37	82	3.22	38	1.49	4.2	0.16	10	0.39	108	5.74	76	2.99	0.47	1.04
	KV3L-10-12S	M20*1.5	46	1.81	49	1.18	35	1.37	82	3.22	38	1.49	4.2	0.16	10	0.39	108	5.74	76	2.99	0.49	1.08
12,5	KV3L-12-16S	M24*1.5	51	2	56	1.37	40	1.57	93	3.66	41.5	1.63	5	0.19	10	0.39	108	7.48	82	3.22	0.72	1.59
20	KV3L-20-20S	M30*2	61	2.4	59	1.77	55	2.16	103	3.89	50	1.96	6.5	0.25	14	0.55	175	8.7	110	4.33	1.40	3.10
25	KV3L-25-25S	M36*2	71	2.79	87	2.16	60	2.36	135	5.31	58	2.28	6.5	0.25	14	0.55	175	9.17	114	4.48	1.50	3.33
	KV3L-25-30S	M42*2	71	2.79	90	2.16	60	2.36	141	5.55	58	2.28	6.5	0.25	14	0.55	175	9.44	114	4.48	2.84	6.30
	KV3L-25-38S	M52*2	71	2.79	100	2.16	60	2.36	160	6.29	58	2.28	6.5	0.25	14	0.55	175	9.56	114	4.48	3.40	7.54

ISO 8434 - 1

WORKING PRESSURE													
10(6)		10		12		20		25		25 (31,5)		25 (40)	
MPa	Psi	MPa	Psi	MPa	Psi	MPa	Psi	MPa	Psi	MPa	Psi	MPa	Psi
50	7250	50	7250	50	7250	40	5800	40	5800	35	5075	35	5075

BALL VALVES - KV3L SERIES

BSPP - NPT - UNF



CLICK HERE
FOR 3D SECTION

TECHNICAL FEATURES AND OPTIONS



Working Temperature
-20 °C / +100 °C



Material
High Strength
Carbon Steel
Stainless Steel



Operating Pressure
Up to 500 Bar



Available Threads
BSP - NPT - SAE - Metric



Body Sizes
DN10-25



Sealing Description
NBR - FKM - PTFE - EPDM

MAIN APPLICATIONS



OIL & GAS



AGRICULTURE



HYDRAULIC
INDUSTRY



EARTH MOVING



HYDRAULIC
EQUIPMENT



CONCRETE
VEHICLES



VEHICLES



CHEMICAL
INDUSTRY

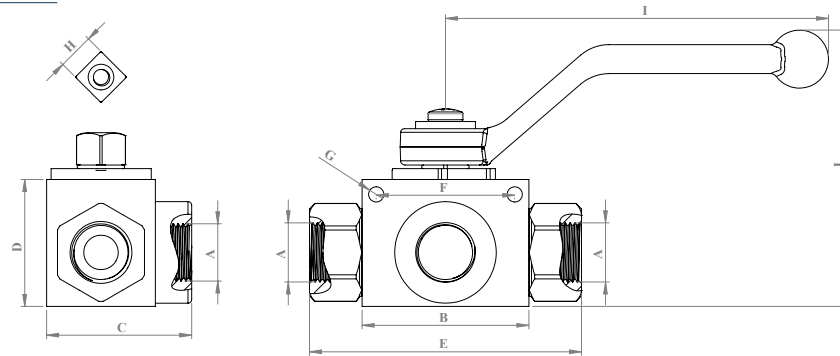
INFORMATION

- OLEOCON L Port 3 Way Ball Valves direct the flow from the inlet port to one of the 2 outlet ports, without restricting the flow.
- The volumetric structure enables rapid and smooth flow and prevents cavitation.
- KV3 Series Ball Valves can be locked open or closed by changing the position of the lock plate.
- The internal ball is made of hard chrome coated steel and the seat is of delrin (POM).

WARNING

- Please ensure that the flow rate is within the usual values.
- Please do not expose to abnormal operating conditions. (E.g. oscillations, impulse pressures, water hammering, cavitation, and proportions of solid materials and abrasives)
- Please do not touch the valves, when the working temperature is lower than -20°C or higher than +50°C.
- Make sure the system pressure is below the maximum working pressure.
- Please ensure the cleanliness of all connection surfaces to avoid dirt or dust accumulation in the circuit.
- Please ensure the alignment and full connection of the assembly parts.
- Please ensure that the OLEOCON product you have chosen is compatible with the temperature, material and pressure requirements of your system.
- Please contact OLEOCON technical support for any further questions.

TECHNICAL DRAWING



SIZE DN	DESCRIPTION	A	B		C		D		E		F		G		H		I		J		WEIGHT	
			mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	kg	inch
10	KV3L-10-G14	1/4"	46	1.81	40	1.18	35	1.37	75	2.95	38	1.49	4.2	0.16	10	0.39	108	5.74	76	2.99	0.48	1.06
	KV3L-10-G38	3/8"	46	1.81	40	1.18	35	1.37	75	2.95	38	1.49	4.2	0.16	10	0.39	108	5.74	76	2.99	0.45	0.99
12.5	KV3L-12-G12	1/2"	51	2	50	1.37	40	1.57	82.5	3.24	41.5	1.63	5	0.19	10	0.39	108	7.48	82	3.22	0.66	1.46
20	KV3L-20-G34	3/4"	61	2.4	60	1.77	55	2.16	92	3.62	50	1.96	6.5	0.25	14	0.55	175	8.7	110	4.33	1.31	2.90
25	KV3L-25-G1	1"	71	2.79	76	2.16	60	2.36	116	4.56	58	2.28	6.5	0.25	14	0.55	175	9.17	114	4.48	1.87	4.15
	KV3L-25-G114	1 1/4"	71	2.79	90	2.16	60	2.36	130	5.11	58	2.28	6.5	0.25	14	0.55	175	9.44	114	4.48	2.80	6.21
	KV3L-25-G112	1 1/2"	71	2.79	90	2.16	60	2.36	136	5.35	58	2.28	6.5	0.25	14	0.55	175	9.56	114	4.48	2.90	6.43

ISO 1179-1

SIZE DN	DESCRIPTION	A	B		C		D		E		F		G		H		I		J		WEIGHT	
			mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	kg	inch
10	KV3L-10-NPT14	1/4"	46	1.81	40	1.18	35	1.37	75	2.95	38	1.49	4.2	0.16	10	0.39	108	5.74	76	2.99	0.48	1.06
	KV3L-10-NPT38	3/8"	46	1.81	40	1.18	35	1.37	75	2.95	38	1.49	4.2	0.16	10	0.39	108	5.74	76	2.99	0.45	0.99
12.5	KV3L-12-NPT12	1/2"	51	2	50	1.37	40	1.57	82.5	3.24	41.5	1.63	5	0.19	10	0.39	108	7.48	82	3.22	0.66	1.46
20	KV3L-20-NPT34	3/4"	61	2.4	60	1.77	55	2.16	92	3.62	50	1.96	6.5	0.25	14	0.55	175	8.7	110	4.33	1.31	2.90
25	KV3L-25-NPT1	1"	71	2.79	76	2.16	60	2.36	116	4.56	58	2.28	6.5	0.25	14	0.55	175	9.17	114	4.48	1.87	4.15
	KV3L-25-NPT114	1 1/4"	71	2.79	90	2.16	60	2.36	130	5.11	58	2.28	6.5	0.25	14	0.55	175	9.44	114	4.48	2.80	6.21
	KV3L-25-NPT112	1 1/2"	71	2.79	90	2.16	60	2.36	136	5.35	58	2.28	6.5	0.25	14	0.55	175	9.56	114	4.48	2.90	6.43

ASME B1.20.1 NPT

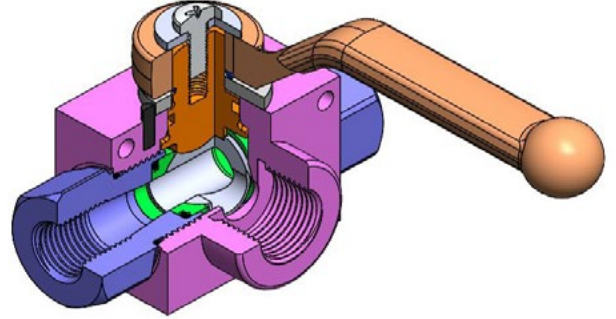
SIZE DN	DESCRIPTION	A	B		C		D		E		F		G		H		I		J		WEIGHT	
			mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	kg	inch
10	KV3L-10-SAE4	7/16 UNF	46	1.81	40	1.18	35	1.37	75	2.95	38	1.49	4.2	0.16	10	0.39	108	5.74	76	2.99	0.48	1.06
	KV3L-10-SAE6	9/16 UNF	46	1.81	40	1.18	35	1.37	75	2.95	38	1.49	4.2	0.16	10	0.39	108	5.74	76	2.99	0.45	0.99
12.5	KV3L-12-SAE8	3/4 UNF	51	2	50	1.37	40	1.57	82.5	3.24	41.5	1.63	5	0.19	10	0.39	108	7.48	82	3.22	0.66	1.46
20	KV3L-20-SAE12	1 1/16 UN	61	2.4	60	1.77	55	2.16	92	3.62	50	1.96	6.5	0.25	14	0.55	175	8.7	110	4.33	1.31	2.90
25	KV3L-25-SAE16	15/16 UN	71	2.79	76	2.16	60	2.36	116	4.56	58	2.28	6.5	0.25	14	0.55	175	9.17	114	4.48	1.87	4.15
	KV3L-25-SAE20	15/8 UN	71	2.79	90	2.16	60	2.36	130	5.11	58	2.28	6.5	0.25	14	0.55	175	9.44	114	4.48	2.80	6.21
	KV3L-25-SAE24	1 7/8 UN	71	2.79	90	2.16	60	2.36	136	5.35	58	2.28	6.5	0.25	14	0.55	175	9.56	114	4.48	2.90	6.43

ISO 11926-1

WORKING PRESSURE													
10(6)		10		12		20		25		25 (31.5)		25 (40)	
MPa	Psi	MPa	Psi	MPa	Psi	MPa	Psi	MPa	Psi	MPa	Psi	MPa	Psi
50	7250	50	7250	50	7250	40	5800	40	5800	35	5075	35	5075

BALL VALVES - KV3T SERIES

BSPP - NPT - UNF



TECHNICAL FEATURES AND OPTIONS

[CLICK HERE
FOR 3D SECTION](#)



Working Temperature
-20 °C / +100 °C



Material
High Strength
Carbon Steel
Stainless Steel



Operating Pressure
Up to 500 Bar



Available Threads
BSP - NPT - SAE - Metric



Body Sizes
DN10-25



Sealing Description
NBR - FKM - PTFE - EPDM

MAIN APPLICATIONS



OIL & GAS



AGRICULTURE



HYDRAULIC
INDUSTRY



EARTH MOVING



HYDRAULIC
EQUIPMENT



CONCRETE
VEHICLES



VEHICLES



CHEMICAL
INDUSTRY

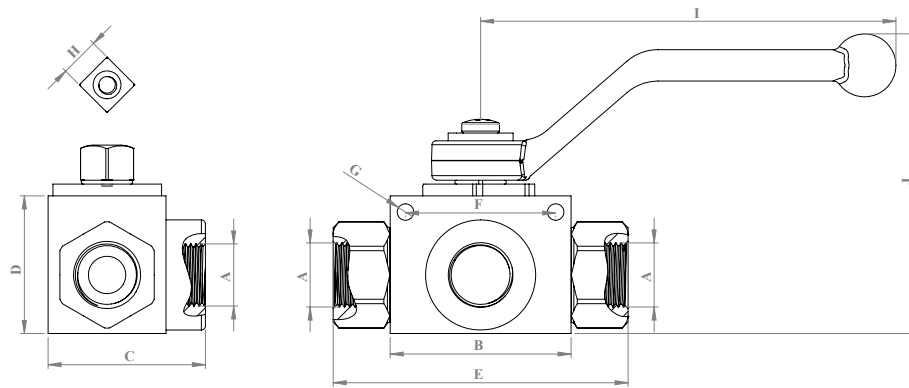
INFORMATION

- OLEOCON T Port 3 Way Ball Valves direct the flow from the inlet port to one or both of the 2 outlet ports, without restricting the flow.
- The volumetric structure enables rapid and smooth flow and prevents cavitation.
- KV3 Series Ball Valves can be locked open or closed by changing the position of the lock plate.
- The internal ball is made of hard chrome coated steel and the seat is of delrin (POM).

WARNING

- Please ensure that the flow rate is within the usual values.
- Please do not expose to abnormal operating conditions. (E.g. oscillations, impulse pressures, water hammering, cavitation, and proportions of solid materials and abrasives)
- Please do not touch the valves, when the working temperature is lower than -20°C or higher than +50°C.
- Make sure the system pressure is below the maximum working pressure.
- Please ensure the cleanliness of all connection surfaces to avoid dirt or dust accumulation in the circuit.
- Please ensure the alignment and full connection of the assembly parts.
- Please ensure that the OLEOCON product you have chosen is compatible with the temperature, material and pressure requirements of your system.
- Please contact OLEOCON technical support for any further questions.

TECHNICAL DRAWING



SIZE DN	DESCRIPTION	A	B		C		D		E		F		G		H		I		J		WEIGHT	
			mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	kg	inch
10	KV3T-10-G14	1/4"	46	1.81	40	1.18	35	1.37	75	2.95	38	1.49	4.2	0.16	10	0.39	108	5.74	76	2.99	0.48	1.06
	KV3T-10-G38	3/8"	46	1.81	40	1.18	35	1.37	75	2.95	38	1.49	4.2	0.16	10	0.39	108	5.74	76	2.99	0.45	0.99
12.5	KV3T-12-G12	1/2"	51	2	50	1.37	40	1.57	82.5	3.24	41.5	1.63	5	0.19	10	0.39	108	7.48	82	3.22	0.66	1.46
20	KV3T-20-G34	3/4"	61	2.4	60	1.77	55	2.16	92	3.62	50	1.96	6.5	0.25	14	0.55	175	8.7	110	4.33	1.31	2.90
25	KV3T-25-G1	1"	71	2.79	76	2.16	60	2.36	116	4.56	58	2.28	6.5	0.25	14	0.55	175	9.17	114	4.48	1.87	4.15
	KV3T-25-G114	1 1/4"	71	2.79	90	2.16	60	2.36	130	5.11	58	2.28	6.5	0.25	14	0.55	175	9.44	114	4.48	2.80	6.21
	KV3T-25-G112	1 1/2"	71	2.79	90	2.16	60	2.36	136	5.35	58	2.28	6.5	0.25	14	0.55	175	9.56	114	4.48	2.90	6.43

ISO 1179-1

SIZE DN	DESCRIPTION	A	B		C		D		E		F		G		H		I		J		WEIGHT	
			mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	kg	inch
10	KV3T-10-NPT14	1/4"	46	1.81	40	1.18	35	1.37	75	2.95	38	1.49	4.2	0.16	10	0.39	108	5.74	76	2.99	0.48	1.06
	KV3T-10-NPT38	3/8"	46	1.81	40	1.18	35	1.37	75	2.95	38	1.49	4.2	0.16	10	0.39	108	5.74	76	2.99	0.45	0.99
12.5	KV3T-12-NPT12	1/2"	51	2	50	1.37	40	1.57	82.5	3.24	41.5	1.63	5	0.19	10	0.39	108	7.48	82	3.22	0.66	1.46
20	KV3T-20-NPT34	3/4"	61	2.4	60	1.77	55	2.16	92	3.62	50	1.96	6.5	0.25	14	0.55	175	8.7	110	4.33	1.31	2.90
25	KV3T-25-NPT1	1"	71	2.79	76	2.16	60	2.36	116	4.56	58	2.28	6.5	0.25	14	0.55	175	9.17	114	4.48	1.87	4.15
	KV3T-25-NPT114	1 1/4"	71	2.79	90	2.16	60	2.36	130	5.11	58	2.28	6.5	0.25	14	0.55	175	9.44	114	4.48	2.80	6.21
	KV3T-25-NPT112	1 1/2"	71	2.79	90	2.16	60	2.36	136	5.35	58	2.28	6.5	0.25	14	0.55	175	9.56	114	4.48	2.90	6.43

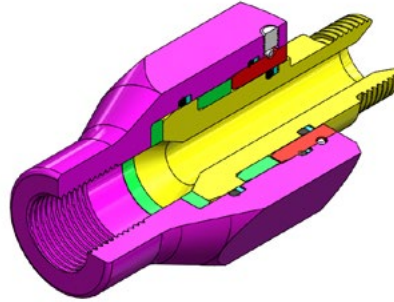
ASME B1.20.1 NPT

SIZE DN	DESCRIPTION	A	B		C		D		E		F		G		H		I		J		WEIGHT	
			mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	kg	inch
10	KV3T-10-SAE4	7/16 UNF	46	1.81	40	1.18	35	1.37	75	2.95	38	1.49	4.2	0.16	10	0.39	108	5.74	76	2.99	0.48	1.06
	KV3T-10-SAE6	9/16 UNF	46	1.81	40	1.18	35	1.37	75	2.95	38	1.49	4.2	0.16	10	0.39	108	5.74	76	2.99	0.45	0.99
12.5	KV3T-12-SAE8	3/4 UNF	51	2	50	1.37	40	1.57	82.5	3.24	41.5	1.63	5	0.19	10	0.39	108	7.48	82	3.22	0.66	1.46
20	KV3T-20-SAE12	1 1/16 UN	61	2.4	60	1.77	55	2.16	92	3.62	50	1.96	6.5	0.25	14	0.55	175	8.7	110	4.33	1.31	2.90
25	KV3T-25-SAE16	1 5/16 UN	71	2.79	76	2.16	60	2.36	116	4.56	58	2.28	6.5	0.25	14	0.55	175	9.17	114	4.48	1.87	4.15
	KV3T-25-SAE20	1 5/8 UN	71	2.79	90	2.16	60	2.36	130	5.11	58	2.28	6.5	0.25	14	0.55	175	9.44	114	4.48	2.80	6.21
	KV3T-25-SAE24	1 7/8 UN	71	2.79	90	2.16	60	2.36	136	5.35	58	2.28	6.5	0.25	14	0.55	175	9.56	114	4.48	2.90	6.43

ISO 11926-1

WORKING PRESSURE													
10(6)		10		12		20		25		25 (31.5)		25 (40)	
MPa	Psi	MPa	Psi	MPa	Psi	MPa	Psi	MPa	Psi	MPa	Psi	MPa	Psi
50	7250	50	7250	50	7250	40	5800	40	5800	35	5075	35	5075

SWIWEL JOINT - SJS SERIES STRAIGHT



TECHNICAL FEATURES AND OPTIONS

[CLICK HERE
FOR 3D SECTION](#)



Working Temperature
-20 °C / +100 °C



Material
Carbon Steel
Stainless Steel
Brass



Operating Pressure
Up to 350 Bar



Available Threads
BSP



Available Sizes
From 1/4" to 1"



Sealing Description
NBR - FKM

MAIN APPLICATIONS



OIL & GAS



AGRICULTURE



HYDRAULIC
INDUSTRY



EARTH MOVING



HYDRAULIC
EQUIPMENT



CONCRETE
VEHICLES



VEHICLES



CHEMICAL
INDUSTRY

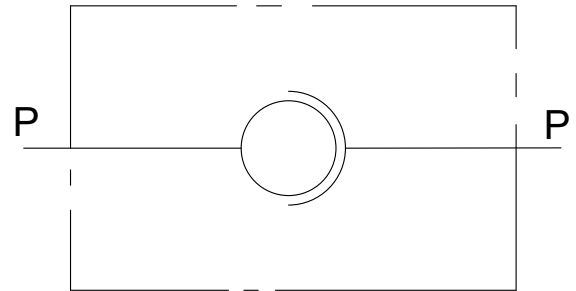
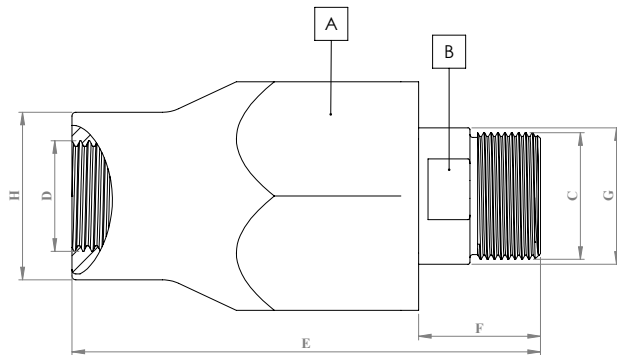
INFORMATION

- SJS Series Hydraulic Straight Swivel Joints are mounted between a moving hose end and a fixed component to prevent hose damage by compensating the torsion and twisting.
- SJS Series Hydraulic Straight Swivel Joints are not suitable for fast or continuous rotations. They are suitable for slow rotations and high pressure applications.
- Safe and easy-to-use.

WARNING

- Please do not expose to abnormal operating conditions. (E.g. oscillations, impulse pressures, water hammering, cavitation, and proportions of solid materials and abrasives)
- Please do not touch the product, when the working temperature is lower than -20°C or higher than +50°C.
- Make sure the system pressure is below the maximum working pressure.
- Please ensure the cleanliness of all connection surfaces to avoid dirt or dust accumulation in the circuit.
- Please ensure that the OLEOCON product you have chosen is compatible with the temperature, material and pressure requirements of your system.
- Please contact OLEOCON technical support for any further questions.

TECHNICAL DRAWING

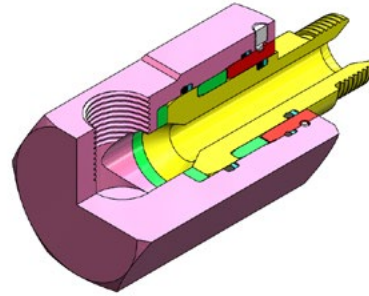


BODY SIZE	DESCRIPTION	Hex			THREAD SIZE	LENGTH			DIAMETER			WEIGHT	
			mm	inch			mm	inch		mm	inch	kg	lbs
06	SJS-6-G14M	A	32	1.25	C 1/4	E	73.5	2.89	G	16	0.62	0.27	0.59
		B	13	0.51	D 1/4	F	19.5	0.76	H	24	0.94		
10	SJS-10-G38M	A	36	1.41	C 3/8	E	81	3.18	G	19	0.74	0.35	0.77
		B	15	0.59	D 3/8	F	22	0.86	H	26	1.02		
12.5	SJS-12-G12M	A	41	1.61	C 1/2	E	93	3.66	G	23	0.90	0.53	1.16
		B	19	0.74	D 1/2	F	25	0.98	H	32	1.25		
19	SJS-19-G34M	A	55	2.16	C 3/4	E	108	4.25	G	29	1.14	1.06	2.33
		B	27	1.06	D 3/4	F	28	1.10	H	38	1.49		
25	SJS-25-G1M	A	60	2.36	C 1	E	123	4.84	G	36	1.41	1.35	2.97
		B	32	1.25	D 1	F	32	1.25	H	44	1.73		

ISO 8434-6 - ISO 1179-1

BODY SIZE	WORKING PRESSURE		BURST PRESSURE	
	MPa	PSI	MPa	PSI
6	35	5076	100	14504
10	35	5076	100	14504
12.5	35	5076	100	14504
19	30	4351	100	14504
25	30	4351	100	14504

SWIWEL JOINT - SJE SERIES ELBOW



TECHNICAL FEATURES AND OPTIONS

[CLICK HERE
FOR 3D SECTION](#)



Working Temperature
-20 °C / +100 °C



Material
Carbon Steel
Stainless Steel
Brass



Operating Pressure
Up to 350 Bar



Available Threads
BSP



Available Sizes
From 1/4" to 1"



Sealing Description
NBR - FKM

MAIN APPLICATIONS



OIL & GAS



AGRICULTURE



HYDRAULIC
INDUSTRY



EARTH MOVING



HYDRAULIC
EQUIPMENT



CONCRETE
VEHICLES



VEHICLES



CHEMICAL
INDUSTRY

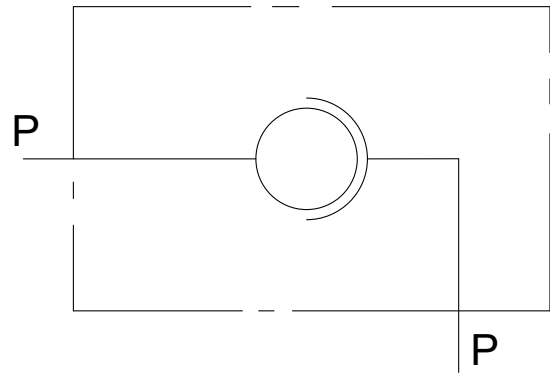
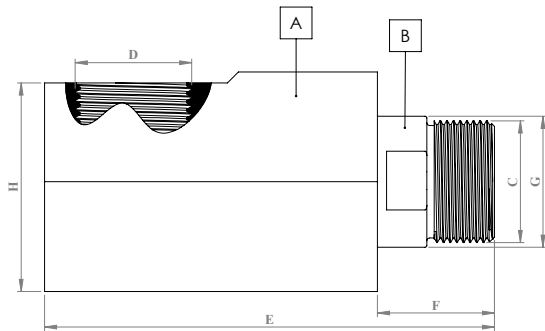
INFORMATION

- SJE Series Hydraulic Elbow Swivel Joints are mounted between a moving hose end and a fixed component to prevent hose damage by compensating the torsion and twisting.
- SJE Series Hydraulic Elbow Swivel Joints are not suitable for fast or continuous rotations. They are suitable for slow rotations and high pressure applications.
- Safe and easy-to-use.

WARNING

- Please do not expose to abnormal operating conditions. (E.g. oscillations, impulse pressures, water hammering, cavitation, and proportions of solid materials and abrasives)
- Please do not touch the product, when the working temperature is lower than -20°C or higher than +50°C.
- Make sure the system pressure is below the maximum working pressure.
- Please ensure the cleanliness of all connection surfaces to avoid dirt or dust accumulation in the circuit.
- Please ensure that the OLEOCON product you have chosen is compatible with the temperature, material and pressure requirements of your system.
- Please contact OLEOCON technical support for any further questions.

TECHNICAL DRAWING

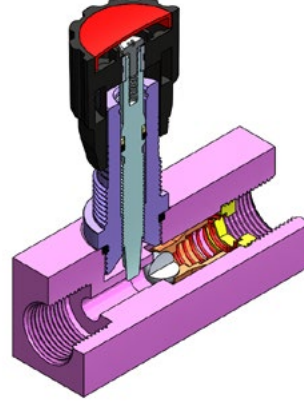


BODY SIZE	DESCRIPTION	Hex			THREAD SIZE	LENGTH			DIAMETER			WEIGHT	
			mm	inch			mm	inch		mm	inch	kg	lbs
06	SJE-6-G14M	A	32	1,25	C 1/4	E	73,5	2,89	G	16	0,62	0,32	0,70
		B	13	0,51	D 1/4	F	19,5	0,76	H	31	1,22		
10	SJE-10-G38M	A	36	1,41	C 3/8	E	81	3,18	G	19	0,74	0,44	0,96
		B	15	0,59	D 3/8	F	22	0,86	H	35	1,37		
12,5	SJE-12-G12M	A	41	1,61	C 1/2	E	93	3,66	G	23	0,90	0,64	1,40
		B	19	0,74	D 1/2	F	25	0,98	H	39	1,53		
19	SJE-19-G34M	A	55	2,16	C 3/4	E	108	4,25	G	29	1,14	1,38	3,03
		B	27	1,06	D 3/4	F	28	1,10	H	53	2,08		
25	SJE-25-G1M	A	60	2,36	C 1	E	123	4,84	G	36	1,41	1,78	3,91
		B	32	1,25	D 1	F	32	1,25	H	57	2,24		

ISO 8434-6 - ISO 1179-1

BODY SIZE	WORKING PRESSURE		BURST PRESSURE	
	MPa	PSI	MPa	PSI
6	35	5076	100	14504
10	35	5076	100	14504
12,5	35	5076	100	14504
19	30	4351	100	14504
25	30	4351	100	14504

UNIDIRECTIONAL FLOW CONTROL VALVES - FUV SERIES



CLICK HERE
FOR 3D SECTION

TECHNICAL FEATURES AND OPTIONS



Working Temperature
-20 °C / +100 °C



Material
Carbon Steel



Operating Pressure
Up to 250 Bar



Available Threads
BSP - NPT - SAE

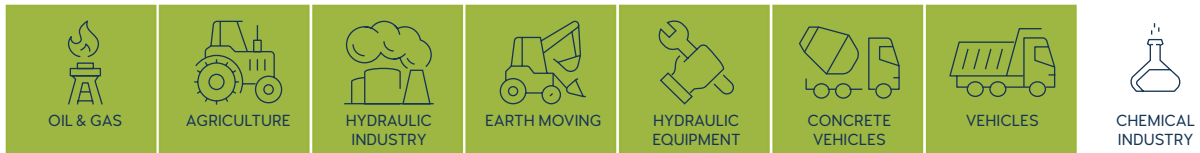


Available Sizes
From 1/4" to 1/2"



Sealing Description
NBR

MAIN APPLICATIONS



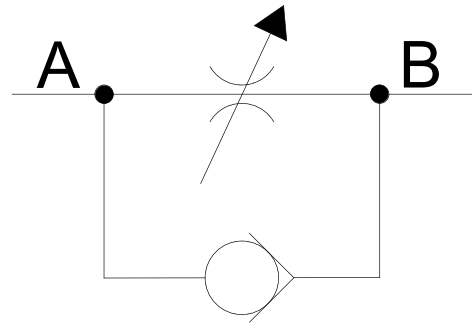
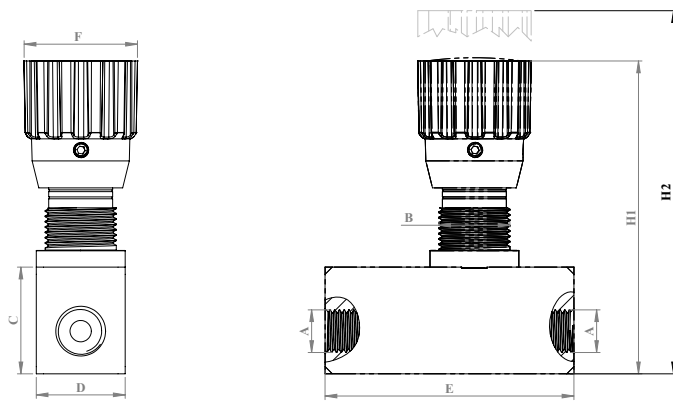
INFORMATION

- FUV Series Hydraulic Unidirectional Flow Control Valves regulate the flow rate in one direction, while allowing free flow in the opposite direction.
- The control knob enables reliable and easy flow adjustment.
- The setscrew on the knob locks the position of the knob and prevents the position changes due to vibration.
- They are widely used, especially in industrial units and elevating work platforms, since they provide precise control of the flow rate.

WARNING

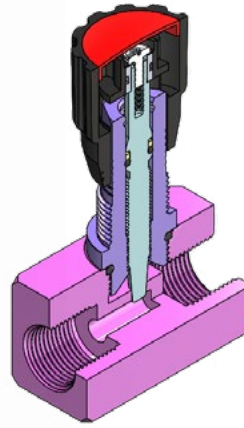
- Please do not expose to abnormal operating conditions. (E.g. oscillations, impulse pressures, water hammering, cavitation, and proportions of solid materials and abrasives)
- Please do not touch the valve, when the working temperature is lower than -20°C or higher than +50°C.
- Make sure the system pressure is below the maximum working pressure.
- Please ensure the cleanliness of all connection surfaces to avoid dirt or dust accumulation in the circuit.
- Please ensure the alignment and full connection of the assembly parts.
- Please ensure that the OLEOCON product you have chosen is compatible with the temperature, material and pressure requirements of your system.
- Please contact OLEOCON technical support for any further questions.

TECHNICAL DRAWING



DESCRIPTION	THREAD SIZE (A)	THREAD SIZE (B)	LENGTH									WORKING PREEnsure		RATED FLOW		WEIGHT	
				mm	inch		mm	inch		mm	inch	MPa	psi	l/min	gpm	kg	lbs
OL-06-FUV-G14	G1/4	M20*1.5	C	30	1.18	E	70	2.75	H1	88	3.46	35	5075	20	5.2	0.55	1.21
			D	25	0.98	F	32	1.25	H2	97	3.81						
OL-06-FUV-NPT14	1/4 NPT	M20*1.5	C	30	1.18	E	70	2.75	H1	88	3.46	35	5075	20	5.2	0.55	1210
			D	25	0.98	F	32	1.25	H2	97	3.81						
OL-06-FUV-SAE4	7/16 -20UNF	M20*1.5	C	30	1.18	E	70	2.75	H1	88	3.46	35	5075	20	5.2	0.55	1210
			D	25	0.98	F	32	1.25	H2	97	3.81						
OL-10-FUV-G38	G 3/8	M20*1.5	C	30	1.18	E	80	3.14	H1	88	3.46	35	5075	30	7.9	0.57	1.254
			D	25	0.98	F	32	1.25	H2	97	3.81						
OL-10-FUV-NPT38	3/8 NPT	M20*1.5	C	30	1.18	E	80	3.14	H1	88	3.46	35	5075	30	7.9	0.57	1.254
			D	25	0.98	F	32	1.25	H2	97	3.81						
OL-10-FUV-SAE6	9/16-18 UNF	M20*1.5	C	30	1.18	E	80	3.14	H1	88	3.46	35	5075	30	7.9	0.57	1.254
			D	25	0.98	F	32	1.25	H2	97	3.81						
OL-12-FUV-G12	G 1/2	M22*1.5	C	35	1.37	E	90	3.5	H1	94	3.7	35	5075	50	13.2	0.69	1.518
			D	30	1.18	F	32	1.25	H2	103	4.05						
OL-12-FUV-NPT12	1/2 NPT	M22*1.5	C	35	1.37	E	90	3.5	H1	94	3.7	35	5075	50	13.2	0.69	1.518
			D	30	1.18	F	32	1.25	H2	103	4.05						
OL-12-FUV-SAE8	3/14-16 UNF	M22*1.5	C	35	1.37	E	90	3.5	H1	94	3.7	35	5075	50	13.2	0.69	1.518
			D	30	1.18	F	32	1.25	H2	103	4.05						

BIDIRECTIONAL FLOW CONTROL VALVES - FCV SERIES



CLICK HERE
FOR 3D SECTION

TECHNICAL FEATURES AND OPTIONS



Working Temperature
-20 °C / +100 °C



Material
Carbon Steel



Operating Pressure
Up to 250 Bar



Available Threads
BSP - NPT - SAE



Available Sizes
From 1/4" to 1/2"



Sealing Description
NBR

MAIN APPLICATIONS



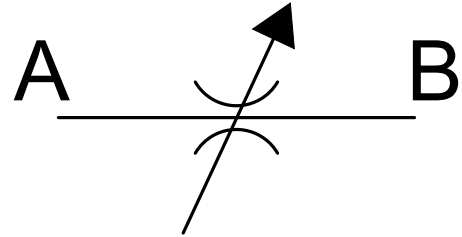
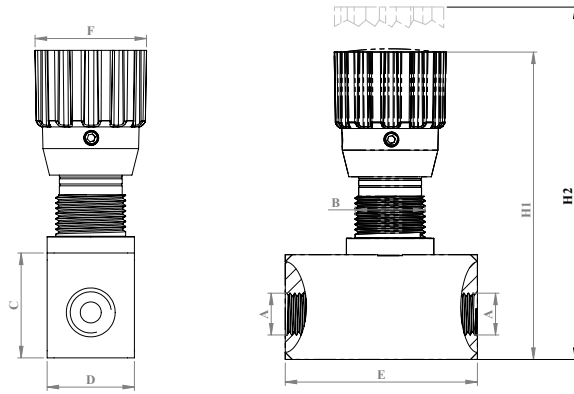
INFORMATION

- FCV Series Hydraulic Bidirectional Flow Control Valves regulate the flow rate in both directions.
- The control knob enables reliable and easy flow adjustment.
- The setscrew on the knob locks the position of the knob and prevents the position changes due to vibration.
- They are widely used, especially in industrial units and elevating work platforms, since they provide precise control of the flow rate.

WARNING

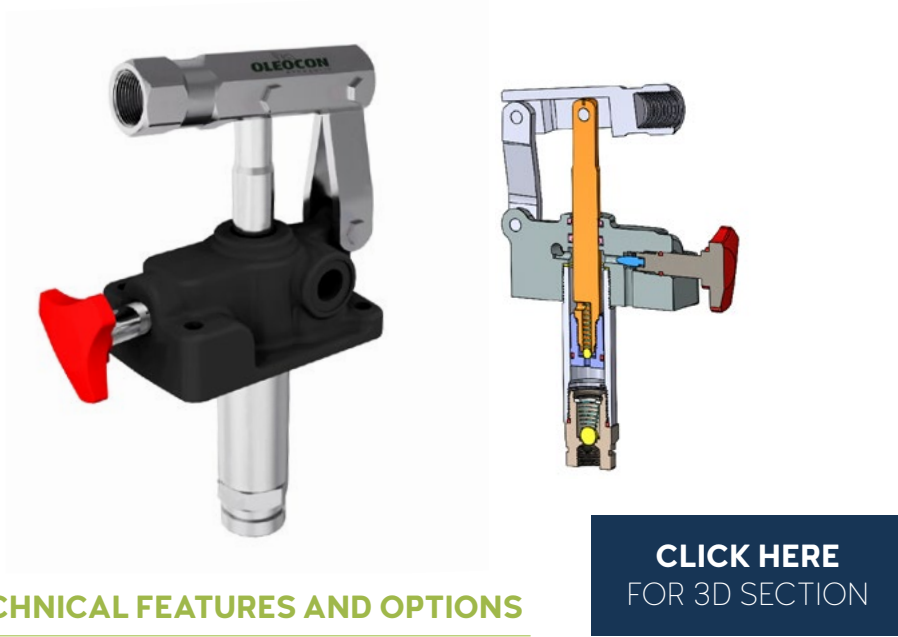
- Please do not expose to abnormal operating conditions. (E.g. oscillations, impulse pressures, water hammering, cavitation, and proportions of solid materials and abrasives)
- Please do not touch the valve, when the working temperature is lower than -20°C or higher than +50°C.
- Make sure the system pressure is below the maximum working pressure.
- Please ensure the cleanliness of all connection surfaces to avoid dirt or dust accumulation in the circuit.
- Please ensure the alignment and full connection of the assembly parts.
- Please ensure that the OLEOCON product you have chosen is compatible with the temperature, material and pressure requirements of your system.
- Please contact OLEOCON technical support for any further questions.

TECHNICAL DRAWING



DESCRIPTION	THREAD SIZE (A)	THREAD SIZE (B)	LENGTH									WORKING PREEnsure		RATED FLOW		WEIGHT	
				mm	inch		mm	inch		mm	inch	MPa	psi	l/min	gpm	kg	lbs
OL-06-FCV-G14	G1/4	M20*1.5	C	30	1.18	E	55	2.16	H1	88	3.46	35	5075	20	5.2	0.47	1.034
			D	25	0.98	F	32	1.25	H2	97	3.81						
OL-06-FCV-NPT14	1/4 NPT	M20*1.5	C	30	1.18	E	55	2.16	H1	88	3.46	35	5075	20	5.2	0.47	1.034
			D	25	0.98	F	32	1.25	H2	97	3.81						
OL-06-FCV-SAE4	7/16 -20UNF	M20*1.5	C	30	1.18	E	55	2.16	H1	88	3.46	35	5075	20	5.2	0.47	1.034
			D	25	0.98	F	32	1.25	H2	97	3.81						
OL-10-FCV-G38	G 3/8	M20*1.5	C	30	1.18	E	55	2.16	H1	88	3.46	35	5075	30	7.9	0.45	0.99
			D	25	0.98	F	32	1.25	H2	97	3.81						
OL-10-FCV-NPT38	3/8 NPT	M20*1.5	C	30	1.18	E	55	2.16	H1	88	3.46	35	5075	30	7.9	0.45	0.99
			D	25	0.98	F	32	1.25	H2	97	3.81						
OL-10-FCV-SAE6	9/16-18 UNF	M20*1.5	C	30	1.18	E	55	2.16	H1	88	3.46	35	5075	30	7.9	0.45	0.99
			D	25	0.98	F	32	1.25	H2	97	3.81						
OL-12-FCV-G12	G 1/2	M22*1.5	C	35	1.37	E	65	2.55	H1	94	3.7	35	5075	50	13.2	0.54	1.188
			D	30	1.18	F	32	1.25	H2	103	4.05						
OL-12-FCV-NPT12	1/2 NPT	M22*1.5	C	35	1.37	E	65	2.55	H1	94	3.7	35	5075	50	13.2	0.54	1.188
			D	30	1.18	F	32	1.25	H2	103	4.05						
OL-12-FCV-SAE8	3/14-16 UNF	M22*1.5	C	35	1.37	E	65	2.55	H1	94	3.7	35	5075	50	13.2	0.54	1.188
			D	30	1.18	F	32	1.25	H2	103	4.05						

DOUBLE ACTION ONE WAY HAND PUMP



TECHNICAL FEATURES AND OPTIONS

[CLICK HERE
FOR 3D SECTION](#)



Working Temperature
-20 °C / +100 °C



Available Threads
BSP



Operating Pressure
Up to 310 Bar



Sealing Description
NBR



Available Sizes
25 cc to 45 cc



Material
Casting

MAIN APPLICATIONS



OIL & GAS



AGRICULTURE



HYDRAULIC
INDUSTRY



EARTH MOVING



HYDRAULIC
EQUIPMENT



CONCRETE
VEHICLES



VEHICLES



CHEMICAL
INDUSTRY

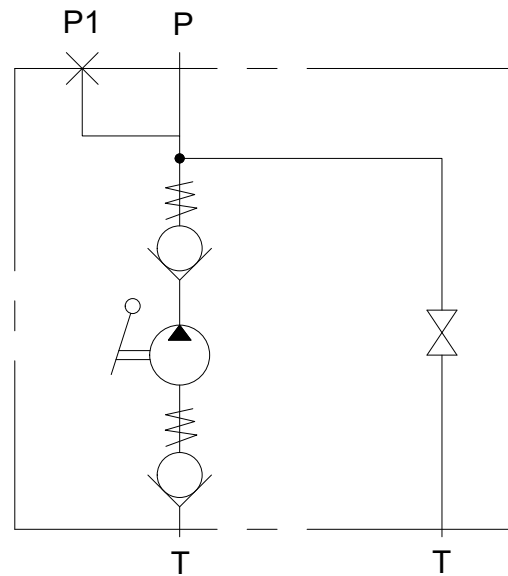
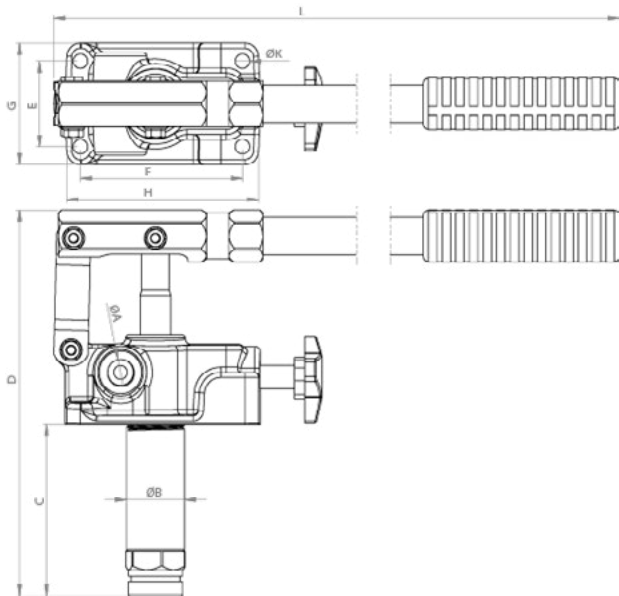
INFORMATION

- OLEOCON Double Action One Way Hand Pumps are suitable for single acting cylinders.
- They have 2 sizes (25 cc and 45 cc) and 2 handle options, in order to provide precise control over various loads and systems.
- The body is made of cast-iron and the spool is nickel-plated.
- Easy-to-use.

WARNING

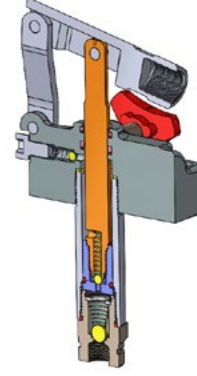
- Please do not expose to abnormal operating conditions. (E.g. oscillations, impulse pressures, water hammering, cavitation, and proportions of solid materials and abrasives)
- Please do not touch the product, when the working temperature is lower than -20°C or higher than +50°C.
- Make sure the system pressure is below the maximum working pressure.
- Please ensure the cleanliness of all connection surfaces to avoid dirt or dust accumulation in the circuit.
- Please ensure the alignment and full connection of the assembly parts.
- Please ensure that the OLEOCON product you have chosen is compatible with the temperature, material and pressure requirements of your system.
- Please contact OLEOCON technical support for any further questions.

TECHNICAL DRAWING



SIZE	DESCRIPTION	PORT A		DIAMETER		LENGTH								ØK (mm)	Flow (cc)	WEIGHT		PRESSURE		
				mm	inch		mm	inch		mm	inch		mm			inch	kg	lbs	MPa	Psi
25	OHP-25-2A-1W	G3/8	B	36	1,41	C	105	4,13	E	50	1,96	G	71	2,79	8,5	25	2950	6490	31	4496
			L	560	22,04	D	230	9,05	F	95	3,74	H	115	4,52						
45	OHP-45-2A-1W	G3/8	B	40	1,57	C	115	4,52	E	50	1,96	G	71	2,79	8,5	45	3000	6600	15	2175
			L	560	22,04	D	230	9,05	F	95	3,74	H	115	4,52						

SINGLE ACTION ONE WAY HAND PUMP



TECHNICAL FEATURES AND OPTIONS

[CLICK HERE
FOR 3D SECTION](#)



Working Temperature
-20 °C / +100 °C



Available Threads
BSP



Operating Pressure
Up to 310 Bar



Sealing Description
NBR



Available Sizes
25 cc



Material
Casting

MAIN APPLICATIONS



OIL & GAS



AGRICULTURE



HYDRAULIC
INDUSTRY



EARTH MOVING



HYDRAULIC
EQUIPMENT



CONCRETE
VEHICLES



VEHICLES



CHEMICAL
INDUSTRY

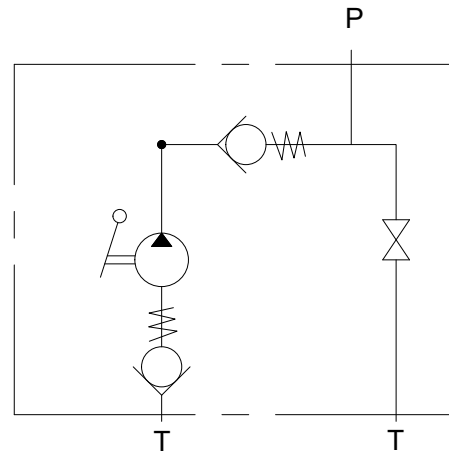
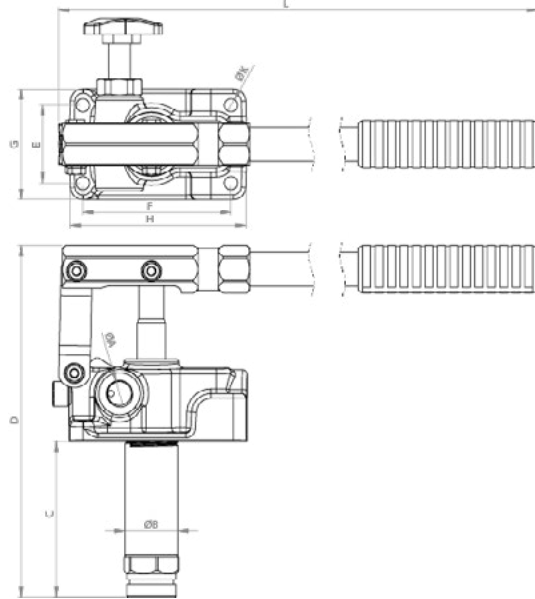
INFORMATION

- OLEOCON Single Action One Way Hand Pumps are suitable for single acting cylinders.
- They have 2 handle options, in order to provide precise control over various loads and systems.
- The body is made of cast-iron and the spool is nickel-plated.
- Easy-to-use.

WARNING

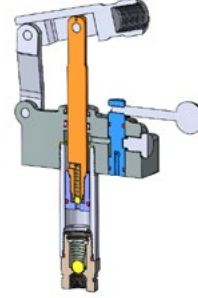
- Please do not expose to abnormal operating conditions. (E.g. oscillations, impulse pressures, water hammering, cavitation, and proportions of solid materials and abrasives)
- Please do not touch the product, when the working temperature is lower than -20°C or higher than +50°C.
- Make sure the system pressure is below the maximum working pressure.
- Please ensure the cleanliness of all connection surfaces to avoid dirt or dust accumulation in the circuit.
- Please ensure the alignment and full connection of the assembly parts.
- Please ensure that the OLEOCON product you have chosen is compatible with the temperature, material and pressure requirements of your system.
- Please contact OLEOCON technical support for any further questions.

TECHNICAL DRAWING



SIZE	DESCRIPTION	PORT A		DIAMETER		LENGTH								ØK (mm)	Flow (cc)	WEIGHT		PRESSURE		
				mm	inch		mm	inch		mm	inch		mm			inch	kg	lbs	MPa	Psi
25	OHP-25-1A-1W	G3/8	B	36	1.41	C	105	4.13	E	50	1.96	G	71	2.79	8.5	25	2950	6490	31	4496
			L	560	22.04	D	230	9.05	F	95	3.74	H	115	4.52						

DOUBLE ACTION TWO WAY HAND PUMP



CLICK HERE
FOR 3D SECTION

TECHNICAL FEATURES AND OPTIONS



Working Temperature
-20 °C / +100 °C



Available Threads
BSP



Operating Pressure
Up to 310 Bar



Sealing Description
NBR



Available Sizes
25 cc to 45 cc



Material
Casting

MAIN APPLICATIONS



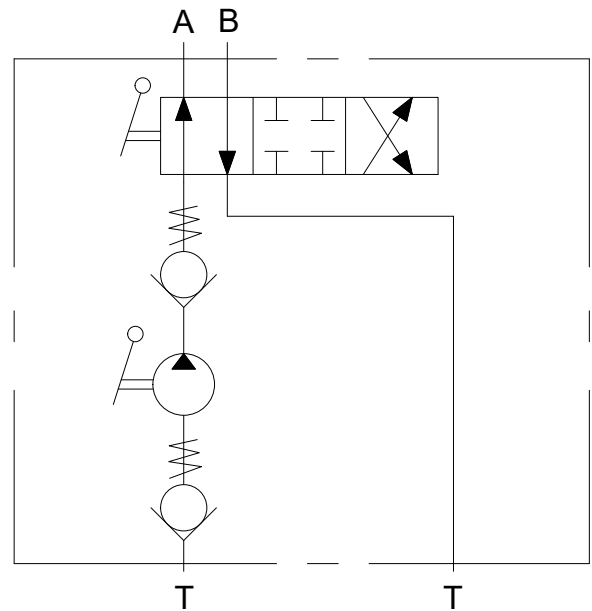
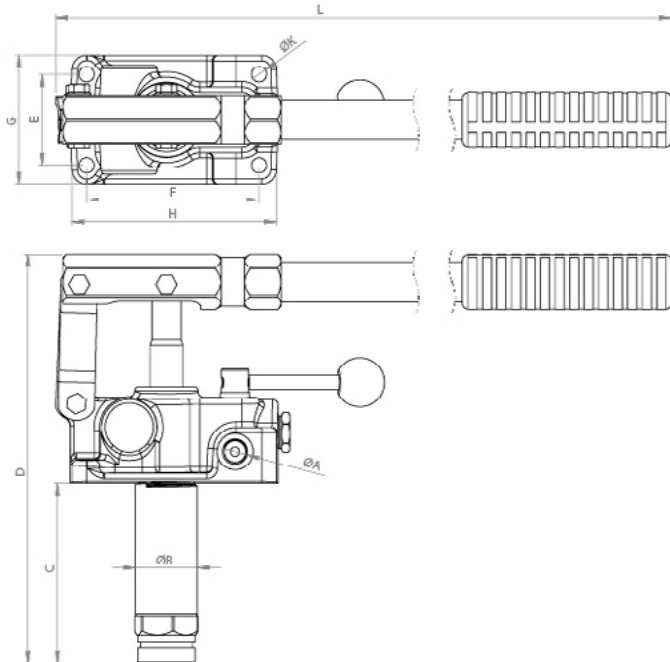
INFORMATION

- OLEOCON Double Action Two Way Hand Pumps are suitable for double acting cylinders.
- They have 2 sizes (25 cc and 45 cc) and 2 handle options, in order to provide precise control over various loads and systems.
- The body is made of cast-iron and the spool is nickel-plated.
- Easy-to-use.

WARNING

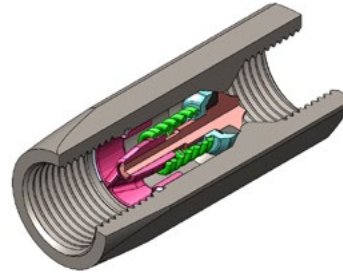
- Please do not expose to abnormal operating conditions. (E.g. oscillations, impulse pressures, water hammering, cavitation, and proportions of solid materials and abrasives)
- Please do not touch the product, when the working temperature is lower than -20°C or higher than +50°C.
- Make sure the system pressure is below the maximum working pressure.
- Please ensure the cleanliness of all connection surfaces to avoid dirt or dust accumulation in the circuit.
- Please ensure the alignment and full connection of the assembly parts.
- Please ensure that the OLEOCON product you have chosen is compatible with the temperature, material and pressure requirements of your system.
- Please contact OLEOCON technical support for any further questions.

TECHNICAL DRAWING



SIZE	DESCRIPTION	PORT A		DIAMETER		LENGTH								ØK (mm)	Flow (cc)	WEIGHT		PRESSURE		
				mm	inch		mm	inch		mm	inch		mm			inch	kg	lbs	MPa	Psi
25	OHP-25-2A-2W	G1/4	B	36	1,41	C	105	4,13	E	50	1,96	G	71	2,79	8,5	25	2950	6490	31	4496
			L	560	22,04	D	230	9,05	F	95	3,74	H	115	4,52						
45	OHP-45-2A-2W	G1/4	B	40	1,57	C	115	4,52	E	50	1,96	G	71	2,79	8,5	45	3000	6600	15	2175
			L	560	22,04	D	230	9,05	F	95	3,74	H	115	4,52						

CHECK VALVE



[CLICK HERE
FOR 3D SECTION](#)

TECHNICAL FEATURES AND OPTIONS



Working Temperature
-20 °C / +100 °C



Flow Rate
Up to 750 l / min



Material
Carbon Steel
Stainless Steel



Operating Pressure
Up to 450 Bar



Available Threads
BSP - NPT - SAE



Available Sizes
From 1/4" to 2"



Sealing Description
NBR - FKM

MAIN APPLICATIONS



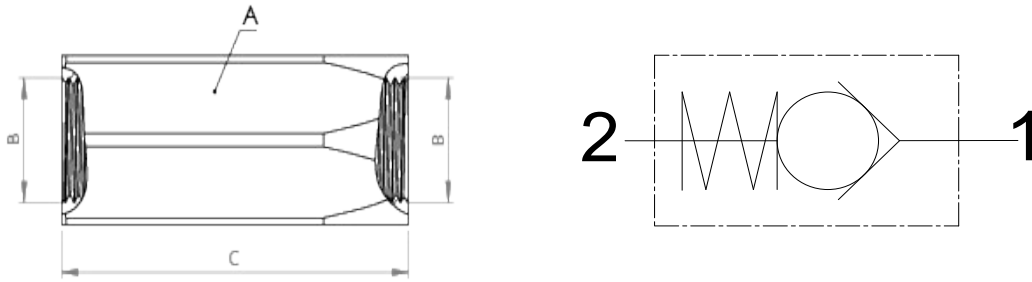
INFORMATION

- OLEOCON Check Valves can be used to prevent flow in one direction or to produce a backpressure in the system. They can also be connected to the system as a by-pass of another system component.
- OLEOCON Check Valves have a cracking pressure of 0.5 Bar, but it can be customised upon request.
- Compact and slim design.
- Easy-to-use.

WARNING

- Please do not expose to abnormal operating conditions. (E.g. oscillations, impulse pressures, water hammering, cavitation, and proportions of solid materials and abrasives)
- Please do not touch the valve, when the working temperature is lower than -20°C or higher than +50°C.
- Make sure the system pressure is below the maximum working pressure.
- Please ensure the cleanliness of all connection surfaces to avoid dirt or dust accumulation in the circuit.
- Please ensure the alignment and full connection of the assembly parts.
- Please ensure that the OLEOCON product you have chosen is compatible with the temperature, material and pressure requirements of your system.
- Please contact OLEOCON technical support for any further questions.

TECHNICAL DRAWING



BODY SIZE	DESCRIPTION	Hex			THREAD SIZE(B)	LENGTH			WEIGHT	
			mm	inch			mm	inch	kg	lbs
6.3	CV-6-G14	A	19	0.74	1/4"	C	57	2.24	0.15	0.33
10	CV-10-G38	A	24	0.94	3/8"	C	58	2.28	0.16	0.35
12.5	CV-12-G12	A	30	1.18	1/2"	C	69	2.71	0.27	0.59
20	CV-20-G34	A	38	1.49	3/4"	C	83	3.26	0.49	1.07
25	CV-25-G1	A	46	1.81	1"	C	99.2	3.90	0.75	1.65
31.5	CV-31-G114	A	55	2.16	1 1/4"	C	117.2	4.61	1.31	2.88
40	CV-40-G112	A	70	2.75	1 1/2"	C	134.2	5.28	2.66	5.85
50	CV-50-G2	A	80	3.14	2"	C	160.2	6.30	3.89	8.55

ISO 1179-1

BODY SIZE	DESCRIPTION	Hex			THREAD SIZE(B)	LENGTH			WEIGHT	
			mm	inch			mm	inch	kg	lbs
6.3	CV-6-NPT14	A	19	0.74	1/4"	C	57	2.24	0.15	0.33
10	CV-10-NPT38	A	24	0.94	3/8"	C	58	2.28	0.16	0.35
12.5	CV-12-NPT12	A	30	1.18	1/2"	C	69	2.71	0.27	0.59
20	CV-20-NPT34	A	38	1.49	3/4"	C	83	3.26	0.49	1.07
25	CV-25-NPT1	A	46	1.81	1"	C	99.2	3.90	0.75	1.65
31.5	CV-31-NPT114	A	55	2.16	1 1/4"	C	117.2	4.61	1.31	2.88
40	CV-40-NPT112	A	70	2.75	1 1/2"	C	134.2	5.28	2.66	5.85
50	CV-50-NPT2	A	80	3.14	2"	C	160.2	6.30	3.89	8.55

ASME B1.20.1 NPT

BODY SIZE	DESCRIPTION	Hex			THREAD SIZE(B)	LENGTH			WEIGHT	
			mm	inch			mm	inch	kg	lbs
6.3	CV-6-SAE4	A	19	0.74	7/16 UNF	C	57	2.24	0.15	0.33
10	CV-10-SAE6	A	24	0.94	9/16 UNF	C	58	2.28	0.16	0.35
12.5	CV-12-SAE 8	A	30	1.18	3/4 UNF	C	69	2.71	0.27	0.59
20	CV-20-SAE12	A	38	1.49	1 1/16 UN	C	83	3.26	0.49	1.07
25	CV-25-SAE16	A	46	1.81	1 5/16 UN	C	99.2	3.90	0.75	1.65
31.5	CV-31-SAE20	A	55	2.16	1 5/8 UN	C	117.2	4.61	1.31	2.88
40	CV-40-SAE24	A	70	2.75	1 7/8 UN	C	134.2	5.28	2.66	5.85
50	CV-50-SAE32	A	80	3.14	2 1/2 UN	C	160.2	6.30	3.89	8.55

ISO 11926-1

HOSE BURST SAFETY VALVE



TECHNICAL FEATURES AND OPTIONS

[CLICK HERE
FOR 3D SECTION](#)



Working
Temperature

-20 °C / +100 °C



Flow Rate

Up to 180 l / min



Material

Carbon Steel
Stainless Steel



Operating
Pressure

Up to 420 Bar



Available
Threads

BSP



Available
Sizes

From 1/4" to 1"



Sealing
Description

NBR - FKM

MAIN APPLICATIONS



OIL & GAS



AGRICULTURE



HYDRAULIC
INDUSTRY



EARTH MOVING



HYDRAULIC
EQUIPMENT



CONCRETE
VEHICLES



VEHICLES



CHEMICAL
INDUSTRY

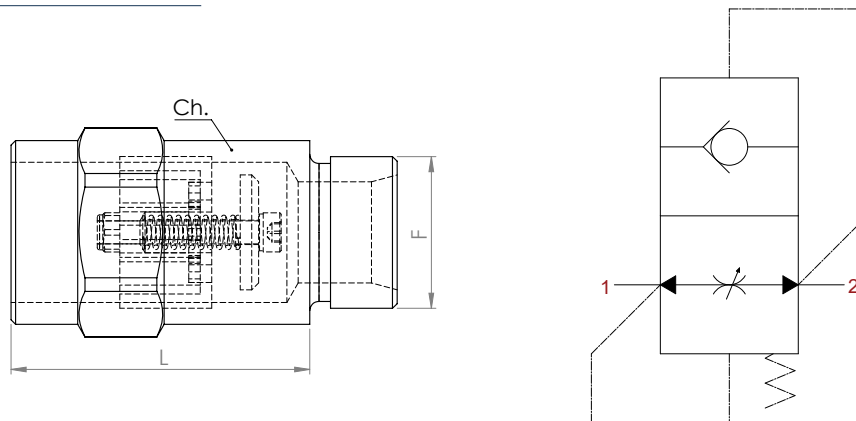
INFORMATION

- OLEOCON Hose Burst Safety Valves prevent the sudden fall of the load in the event of a hose burst, by obstructing the sudden pressure drop in the cylinder.
- Cartridge and Inline Type Hose Burst Safety Valves are mounted directly into the cylinder.
- Hose Burst Safety Valves are normally open valves. However, when a hose bursts, instant increase in the flow overcomes the force of the spring that keeps the valve open, pushes the washer to close the line and cuts the flow.
- Safe and easy-to-use.

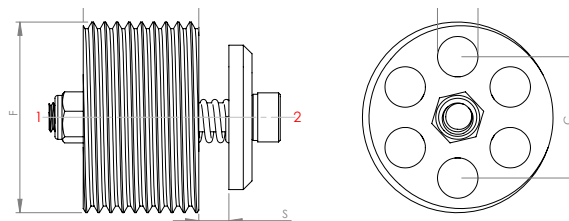
WARNING

- Please do not expose to abnormal operating conditions. (E.g. oscillations, impulse pressures, water hammering, cavitation, and proportions of solid materials and abrasives)
- Please do not touch the valve, when the working temperature is lower than -20°C or higher than +50°C.
- Make sure the system pressure is below the maximum working pressure.
- Please ensure the cleanliness of all connection surfaces to avoid dirt or dust accumulation in the circuit.
- Please ensure the alignment and full connection of the assembly parts.
- Please ensure that the OLEOCON product you have chosen is compatible with the temperature, material and pressure requirements of your system.
- Please contact OLEOCON technical support for any further questions.

TECHNICAL DRAWING



ORDERING CODE	F	L	Ch.	WEIGHT (Kg/lbs)
HPV-101	1/4" BSPP	47 (1.85)	19 (0.75)	0.08 (0.176)
HPV-102	3/8" BSPP	46 (1.82)	22 (0.86)	0.10 (0.22)
HPV-103	1/2" BSPP	51 (2.01)	27 (1.06)	0.16 (0.35)
HPV-104	3/4" BSPP	62 (2.45)	36 (1.42)	0.34 (0.74)
HPV-105	1" BSPP	65 (2.56)	41 (1.62)	0.44 (0.96)

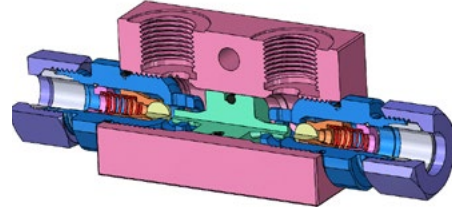


TECHNICAL CHARACTERISTICS						mm (inch)
CODE	F	C	D	L	S	WEIGHT (Kg/lbs)
HPV-101K	1/4" BSPP	8,2 (0,32)	2,5 (0,10)	8 (0,32)	1,5 (0,06)	0,006 (0,013)
HPV-102K	3/8" BSPP	10,4 (0,41)	3 (0,12)	10,5 (0,41)	2 (0,08)	0,013 (0,028)
HPV-103K	1/2" BSPP	12 (0,47)	4 (0,16)	13 (0,51)	2 (0,08)	0,025 (0,055)
HPV-104K	3/4" BSPP	15,5 (0,61)	6 (0,24)	18 (0,71)	2 (0,08)	0,05 (0,11)
HPV-105K	1" BSPP	21 (0,83)	7 (0,28)	20 (0,79)	4 (0,16)	0,097 (0,21)

ISO 8434-6 - ISO 1179-1

DOUBLE ACTING

PILOT OPERATED CHECK VALVE



TECHNICAL FEATURES AND OPTIONS

[CLICK HERE
FOR 3D SECTION](#)



Working Temperature
-20 °C / +100 °C



Flow Rate
Up to 35 l / min



Material
Carbon Steel



Operating Pressure
Up to 350 Bar



Available Threads
Metric



Available Sizes
Metric 12 L



Sealing Description
NBR

MAIN APPLICATIONS



OIL & GAS



AGRICULTURE



HYDRAULIC
INDUSTRY



EARTH MOVING



HYDRAULIC
EQUIPMENT



CONCRETE
VEHICLES



VEHICLES



CHEMICAL
INDUSTRY

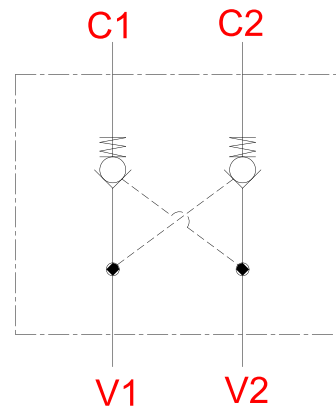
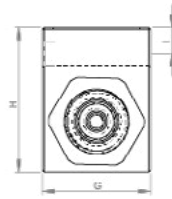
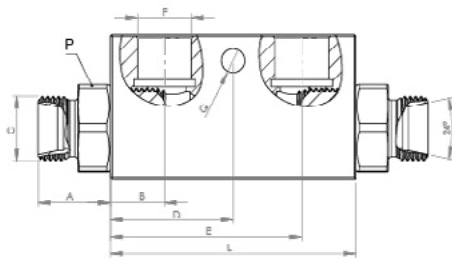
INFORMATION

- OLEOCON Double Acting Pilot Operated Check Valves allows free-flow in one direction and blocks the flow in the other direction unless pilot pressure is applied.
- The internal components undergo heat treatment, in order to provide excellent sealing.
- Easy-to-use.

WARNING

- Please do not expose to abnormal operating conditions. (E.g. oscillations, impulse pressures, water hammering, cavitation, and proportions of solid materials and abrasives)
- Please do not touch the valve, when the working temperature is lower than -20°C or higher than +50°C.
- Make sure the system pressure is below the maximum working pressure.
- Please ensure the cleanliness of all connection surfaces to avoid dirt or dust accumulation in the circuit.
- Please ensure the alignment and full connection of the assembly parts.
- Please ensure that the OLEOCON product you have chosen is compatible with the temperature, material and pressure requirements of your system.
- Please contact OLEOCON technical support for any further questions.

TECHNICAL DRAWING

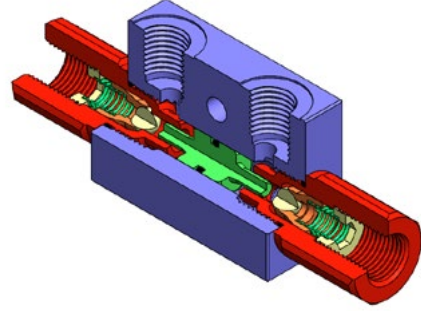


TECHNICAL CHARACTERISTICS													mm (inch)
CODE	F	A	B	D	E	L	C	Q	H	I	G	P	WEIGHT (Kg/lbs)
TLV-10-M18	3/8 BSPP	20	15	34	53	68	M18x1,5	6,5	40	7,25	30	24	0,64 (1,40)
STEEL BODY													

ISO-8434-1 ISO 1179-1 BSPP

DOUBLE ACTION

PILOT OPERATION CHECK VALVE



TECHNICAL FEATURES AND OPTIONS

[CLICK HERE
FOR 3D SECTION](#)



Working
Temperature
-20 °C / +100 °C



Flow Rate
Up to 50 l / min



Material
Carbon Steel



Operating
Pressure
Up to 350 Bar



Available
Threads
BSP



Available
Sizes
From 1/4" to 1/2"



Sealing
Description
NBR

MAIN APPLICATIONS



OIL & GAS



AGRICULTURE



HYDRAULIC
INDUSTRY



EARTH MOVING



HYDRAULIC
EQUIPMENT



CONCRETE
VEHICLES



VEHICLES



CHEMICAL
INDUSTRY

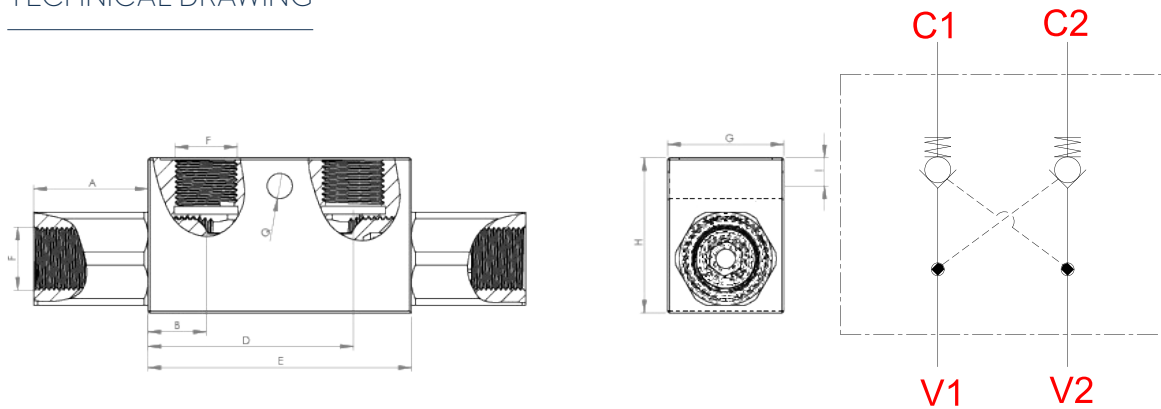
INFORMATION

- OLEOCON Double Acting Pilot Operated Check Valves allows free-flow in one direction and blocks the flow in the other direction unless pilot pressure is applied.
- The internal components undergo heat treatment, in order to provide excellent sealing.
- Easy-to-use.

WARNING

- Please do not expose to abnormal operating conditions. (E.g. oscillations, impulse pressures, water hammering, cavitation, and proportions of solid materials and abrasives)
- Please do not touch the valve, when the working temperature is lower than -20°C or higher than +50°C.
- Make sure the system pressure is below the maximum working pressure.
- Please ensure the cleanliness of all connection surfaces to avoid dirt or dust accumulation in the circuit.
- Please ensure the alignment and full connection of the assembly parts.
- Please ensure that the OLEOCON product you have chosen is compatible with the temperature, material and pressure requirements of your system.
- Please contact OLEOCON technical support for any further questions.

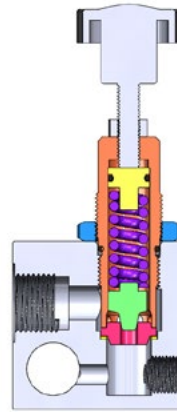
TECHNICAL DRAWING



TECHNICAL CHARACTERISTICS										mm (inch)
CODE	F	A	B	D	E	C	L	Q	H	WEIGHT (Kg/lbs)
TLV-06-G14	1/4 BSPP	27	11,75	46,75	58,5	25	40	11,25	6,5	0,6 (1,32)
TLV-10-G38	3/8 BSPP	29,5	15	53	68	30	40	7,25	6,5	0,66 (1,45)
TLV-12-G12	1/2 BSPP	36	16,5	53,5	70	30	50	10	7	0,85 (1,87)
STEEL BODY										

ISO 1179-1 BSPP

RELIEF VALVES



TECHNICAL FEATURES AND OPTIONS

[CLICK HERE
FOR 3D SECTION](#)



Working
Temperature
-20 °C / +100 °C



Flow Rate
Up to 50 l / min



Material
Aluminum



Operating
Pressure
Up to 350 Bar



Available
Threads
BSP



Available
Sizes
From 1/2"



Sealing
Description
NBR

MAIN APPLICATIONS



OIL & GAS



AGRICULTURE



HYDRAULIC
INDUSTRY



EARTH MOVING



HYDRAULIC
EQUIPMENT



CONCRETE
VEHICLES



VEHICLES



CHEMICAL
INDUSTRY

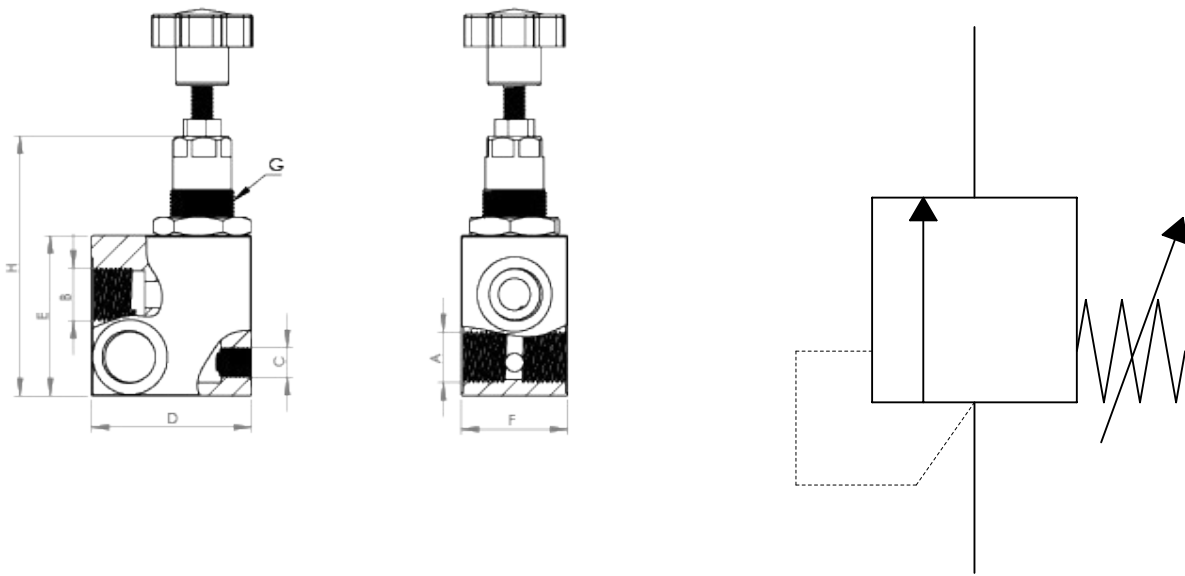
INFORMATION

- PS401 Series Hydraulic Pressure Relief Valves act as a part of the control system in hydraulic systems.
- They are used to control and limit the pressure in hydraulic circuits.
- When the system gets overloaded, Pressure Relief Valve opens and redirects the excess flow back into the hydraulic reservoir, in order to keep the pressure constant.

WARNING

- Please do not expose to abnormal operating conditions. (E.g. oscillations, impulse pressures, water hammering, cavitation, and proportions of solid materials and abrasives)
- Please do not touch the valve, when the working temperature is lower than -20°C or higher than +50°C.
- Make sure the system pressure is below the maximum working pressure.
- Please ensure the cleanliness of all connection surfaces to avoid dirt or dust accumulation in the circuit.
- Please ensure the alignment and full connection of the assembly parts.
- Please ensure that the OLEOCON product you have chosen is compatible with the temperature, material and pressure requirements of your system.
- Please contact OLEOCON technical support for any further questions.

TECHNICAL DRAWING



PRODUCT CODE	SIZE	WORKING PREASURE		Port A	Port B	Port C	G	D	E	F	H	WEIGHT	
		Mpa	psi					mm	mm	mm	mm	kg	lbs
PS-401	1/2"	41	5946	1/2"	1/2"	1/4"	M24x1,5	60	60	40	97,2	0,5	1,1



Fevzi akmak Mah. Sıla Cad. Elit Sanayi
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