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Scroll Compressors for LBP Refrigeration

LBP Derin Soğutma için Scroll Kompresörler

Specifications R404A

Model	YF13E2S-Q100	YF17E2S-Q100	YF20E2S-Q100	YF25E2S-Q100	YF29E2S-Q100	YF35E2S-Q100	YF13E1S-Q100	YF17E1S-Q100	YF20E1S-Q100	YF25E1S-Q100	YF29E1S-Q100	
Electricity	220V/ 1~/50Hz						380V-420V/3~/50Hz					
Power in Horse	2	2.5	3	3.5	4	5	2	2.5	3	3.5	4	
Displacement	33.3	42	46.6	58	67.8	83.3	33.3	42	46.6	58	67.8	
Cooling Capacity	1386	1770	2079	2695	3145	3731	1386	1770	2079	2695	3145	
Power in Watt	1247	1599	1866	2324	2569	3004	1237	1567	1823	2324	2516	
COP (W/W)	1.1	1.11	1.11	1.16	1.22	1.24	1.12	1.13	1.14	1.16	1.25	
Running Current	6.1	7.8	9.1	10.5	11.9	14.4	2.5	2.9	4.5	5	5.3	
LRA (A)	76	76	76	109	109	140	22	22	45	60	60	
MOC (A)	13.4	14.2	16.2	20	23.3	26.2	3.8	4.4	5.8	7.5	8.8	
Crankcase Heater (W)	70	70	70	70	70	70	70	70	70	70	70	
Fitting Dimensions	Disc.Tube	1/2" ODS	1/2" ODS	1/2" ODS	1/2" ODS	1/2" ODS	1/2" ODS	1/2" ODS	1/2" ODS	1/2" ODS	1/2" ODS	
	Suction Tube	7/8" ODS	7/8" ODS	7/8" ODS	7/8" ODS	7/8" ODS	7/8" ODS	7/8" ODS	7/8" ODS	7/8" ODS	7/8" ODS	
Product Dim.	L*W*H	239*239*418	239*239*418	239*239*418	239*239*418	239*239*418	239*239*463	239*239*418	239*239*418	239*239*418	239*239*418	
Oil Type	POE	POE	POE	POE	POE	POE	POE	POE	POE	POE	POE	
Initial Charge Volume	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	
Recharge Volume	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	
Max Pressure	High.Side	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	
	Low Side	2	2	2	2	2	2	2	2	2	2	
Weight (kg)	31	31	31	33	33	38	29	29	30	31	31	
Rotalock Connection	Discharge	Rot 3/4"	Rot 3/4"	Rot 3/4"	Rot 3/4"	Rot 3/4"	Rot 3/4"	Rot 3/4"	Rot 3/4"	Rot 3/4"	Rot 3/4"	
	Suction	Rot 1 1/4"	Rot 1 1/4"	Rot 1 1/4"	Rot 1 1/4"	Rot 1 1/4"	Rot 1 1/4"	Rot 1 1/4"	Rot 1 1/4"	Rot 1 1/4"	Rot 1 1/4"	
Rotalock Valve	Discharge	RV.45B-1/2X	RV.45B-1/2X	RV.45B-1/2X	RV.45B-1/2X	RV.45B-1/2X	RV.45B-1/2X	RV.45B-1/2X	RV.45B-1/2X	RV.45B-1/2X	RV.45B-1/2X	
	Suction	RV.45B-7/8	RV.45B-7/8	RV.45B-7/8	RV.45B-7/8	RV.45B-7/8	RV.45B-7/8	RV.45B-7/8	RV.45B-7/8	RV.45B-7/8	RV.45B-7/8	
Connection Type	Rotalock Conn.	Rotalock Conn.	Rotalock Conn.	Rotalock Conn.	Rotalock Conn.	Rotalock Conn.	Rotalock Conn.	Rotalock Conn.	Rotalock Conn.	Rotalock Conn.	Rotalock Conn.	
Sight Glass	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	

Nominal Working Conditions: E.T: -31.6 °C, C.T. 40.6 °C, R.G. 4.4 °C, No Subcooling

Specifications R404A

Model	YF35E1S-Q100	YF41E1S-Q100	YF45E1S-Q100	YF56E1S-Q100	YF65E1S-Q100	YF72E1S-Q100	YF80E1S-Q100
Electricity	380V-420V/3~/50Hz						
Power in Horse	5	6	7	8	9	10	12
Displacement	83.3	98.3	108	123	145.4	167.2	189.1
Cooling Capacity	3731	4371	5083	5560	6751	7621	8657
Power in Watt	2889	3358	3704	4560	5193	5862	6614
COP (W/W)	1.29	1.3	1.37	1.22	1.3	1.3	1.31
Running Current	6.6	7	7.3	9.7	10.5	11	12.4
LRA (A)	60	65	85	85	117	117	121
MOC (A)	10.3	12.1	13.2	18	20.1	22.7	25.6
Crankcase Heater (W)	70	70	90	90	90	90	90
Fitting Dimensions	Disc.Tube	1/2" ODS	1/2" ODS	1/2" ODS	7/8" ODS	7/8" ODS	7/8" ODS
	Suction Tube	7/8" ODS	7/8" ODS	7/8" ODS	1 1/8" ODS	1 1/8" ODS	1 1/8" ODS
Product Dim.	L*W*H	239*239*463	239*239*463	239*239*463	272*248*507	272*248*507	272*248*507
Oil Type	POE	POE	POE	POE	POE	POE	POE
Initial Charge Volume	1.6	1.6	1.6	2.7	2.7	3	3
Recharge Volume	1.45	1.45	1.45	2.55	2.55	2.85	2.85
Max Pressure	High.Side	3.2	3.2	3.2	3.2	3.2	3.2
	Low Side	2	2	2	2	2	2
Weight (kg)	32	33	38	53	53	54	54
Rotalock Connection	Discharge	Rot 3/4"	Rot 3/4"	Rot 3/4"	Rot 1 1/4"	Rot 1 1/4"	Rot 1 1/4"
	Suction	Rot 1 1/4"	Rot 1 1/4"	Rot 1 1/4"	Rot 1 3/4"	Rot 1 3/4"	Rot 1 3/4"
Rotalock Valve	Discharge	RV.45B-1/2X	RV.45B-1/2X	RV.45B-1/2X	RV.45B-7/8	RV.45B-7/8	RV.45B-7/8
	Suction	RV.45B-7/8	RV.45B-7/8	RV.45B-7/8	RV.45B-1 1/8	RV.45B-1 1/8	RV.45B-1 1/8
Connection Type	Rotalock Conn.	Rotalock Conn.	Rotalock Conn.	Rotalock Conn.	Rotalock Conn.	Rotalock Conn.	Rotalock Conn.
Sight Glass	✓	✓	✓	✓	✓	✓	✓

Nominal Working Conditions: E.T: -31.6 °C, C.T. 40.6 °C, R.G. 4.4 °C, No Subcooling



Scroll Compressors for MBP Refrigeration

LBP Soğutma için Scroll Kompresörler

Click the product code for details.
Detaylar için ürün koduna tıklayın.



Specifications R448A-R449A

Model	YF13E2S-Q100	YF17E2S-Q100	YF20E2S-Q100	YF25E2S-Q100	YF29E2S-Q100	YF35E2S-Q100	YF13E1S-Q100	
Electricity	220V/ 1~/50Hz						380V-420V/3~/50Hz	
Power in Horse	2	2.5	3	3.5	4	5	2	
Displacement	33.3	42	46.6	58	67.8	83.3	33.3	
Cooling Capacity	1315	1679	1972	2556	2915	3458	1311	
Power in Watt	1211	1553	1812	2257	2395	2800	1220	
COP (W/W)	1.09	1.08	1.09	1.13	1.22	1.24	1.07	
Running Current	5.6	7.2	8.4	10.5	11.1	13	2.6	
LRA (A)	76	76	76	109	109	140	22	
MOC (A)	10.8	13.9	16.2	20.2	23.9	27.9	4.4	
Crankcase Heater (W)	70	70	70	70	70	70	70	
Fitting Dimensions	Disc.Tube	1/2" ODS	1/2" ODS	1/2" ODS	1/2" ODS	1/2" ODS	1/2" ODS	
	Suction Tube	7/8" ODS	7/8" ODS	7/8" ODS	7/8" ODS	7/8" ODS	7/8" ODS	
Product Dim.	L*W*H	239*239*418	239*239*418	239*239*418	239*239*418	239*239*418	239*239*418	
Oil Type	POE	POE	POE	POE	POE	POE	POE	
Initial Charge Volume	1.4	1.4	1.4	1.4	1.4	1.4	1.4	
Recharge Volume	1.25	1.25	1.25	1.25	1.25	1.25	1.25	
Max Pressure	High.Side	3.2	3.2	3.2	3.2	3.2	3.2	
	Low Side	2	2	2	2	2	2	
Weight (kg)	31	31	31	33	33	38	29	
Rotalock Connection	Discharge	Rot 3/4"	Rot 3/4"	Rot 3/4"	Rot 3/4"	Rot 3/4"	Rot 3/4"	
	Suction	Rot 1 1/4"	Rot 1 1/4"	Rot 1 1/4"	Rot 1 1/4"	Rot 1 1/4"	Rot 1 1/4"	
Rotalock Valve	Discharge	RV.45B-1/2X	RV.45B-1/2X	RV.45B-1/2X	RV.45B-1/2X	RV.45B-1/2X	RV.45B-1/2X	
	Suction	RV.45B-7/8	RV.45B-7/8	RV.45B-7/8	RV.45B-7/8	RV.45B-7/8	RV.45B-7/8	
Connection Type	Rotalock Conn.	Rotalock Conn.	Rotalock Conn.	Rotalock Conn.	Rotalock Conn.	Rotalock Conn.	Rotalock Conn.	
Sight Glass	✓	✓	✓	✓	✓	✓	✓	



Specifications R448A-R449A

Nominal Working Conditions: E.T: -31.6 °C, C.T: 40.6 °C, R.G: 4.4 °C, No Subcooling

Model	YF17E1S-Q100	YF20E1S-Q100	YF25E1S-Q100	YF29E1S-Q100	YF35E1S-Q100	YF41E1S-Q100	YF45E1S-Q100
Electricity	380V-420V/3~/50Hz						
Power in Horse	2.5	3	3.5	4	5	6	7
Displacement	42	46.6	58	67.8	83.3	98.3	108
Cooling Capacity	1675	1967	2550	2915	3458	4051	4480
Power in Watt	1546	1798	2292	2417	2775	3225	3475
COP (W/W)	1.08	1.09	1.11	1.21	1.25	1.26	1.29
Running Current	3.4	3.9	4.6	5.2	5.8	6.4	7
LRA (A)	22	45	60	60	60	65	65
MOC (A)	5.6	6.5	8.3	9.2	10.6	11.8	12.6
Crankcase Heater (W)	70	70	70	70	70	70	70
Fitting Dimensions	Disc.Tube	1/2" ODS	1/2" ODS	1/2" ODS	1/2" ODS	1/2" ODS	1/2" ODS
	Suction Tube	7/8" ODS	7/8" ODS	7/8" ODS	7/8" ODS	7/8" ODS	7/8" ODS
Product Dim.	L*W*H	239*239*418	239*239*418	239*239*418	239*239*418	239*239*463	239*239*463
Oil Type	POE	POE	POE	POE	POE	POE	POE
Initial Charge Volume	1.4	1.4	1.4	1.4	1.6	1.6	1.6
Recharge Volume	1.25	1.25	1.25	1.25	1.45	1.45	1.45
Max Pressure	High.Side	3.2	3.2	3.2	3.2	3.2	3.2
	Low Side	2	2	2	2	2	2
Weight (kg)	29	30	31	31	32	32	33
Rotalock Connection	Discharge	Rot 3/4"	Rot 3/4"	Rot 3/4"	Rot 3/4"	Rot 3/4"	Rot 3/4"
	Suction	Rot 1 1/4"	Rot 1 1/4"	Rot 1 1/4"	Rot 1 1/4"	Rot 1 1/4"	Rot 1 1/4"
Rotalock Valve	Discharge	RV.45B-1/2X	RV.45B-1/2X	RV.45B-1/2X	RV.45B-1/2X	RV.45B-1/2X	RV.45B-1/2X
	Suction	RV.45B-7/8	RV.45B-7/8	RV.45B-7/8	RV.45B-7/8	RV.45B-7/8	RV.45B-7/8
Connection Type	Rotalock Conn.	Rotalock Conn.	Rotalock Conn.	Rotalock Conn.	Rotalock Conn.	Rotalock Conn.	Rotalock Conn.
Sight Glass	✓	✓	✓	✓	✓	✓	✓

Nominal Working Conditions: E.T: -31.6 °C, C.T: 40.6 °C, R.G: 4.4 °C, No Subcooling





Click the QR code for details.
Detaylar için QR koduna tıklayın.

Scroll Compressors for LBP Refrigeration

LBP Derin Soğutma için Scroll Kompresörler

Specifications R452A

Model	YF13E2S-Q100	YF17E2S-Q100	YF20E2S-Q100	YF25E2S-Q100	YF29E2S-Q100	YF35E2S-Q100	YF13E1S-Q100	
Electricity	220V/ 1~/50Hz						380V-420V/3~/50Hz	
Power in Horse	2	2.5	3	3.5	4	5	2	
Displacement	33.3	42	46.6	58	67.8	83.3	33.3	
Cooling Capacity	1386	1770	2079	2695	3145	3731	1386	
Power in Watt	1247	1599	1866	2324	2569	3004	1237	
COP (W/W)	1.1	1.11	1.11	1.16	1.22	1.24	1.12	
Running Current	6.1	7.8	9.1	10.5	11.9	14.4	2.5	
LRA (A)	76	76	76	109	109	140	22	
MOC (A)	13.4	14.2	16.2	20	23.3	26.2	3.8	
Crankcase Heater (W)	70	70	70	70	70	70	70	
Fitting Dimensions	Disc.Tube	1/2" ODS	1/2" ODS	1/2" ODS	1/2" ODS	1/2" ODS	1/2" ODS	
	Suction Tube	7/8" ODS	7/8" ODS	7/8" ODS	7/8" ODS	7/8" ODS	7/8" ODS	
Product Dim.	L*W*H	239*239*418	239*239*418	239*239*418	239*239*418	239*239*463	239*239*418	
Oil Type	POE	POE	POE	POE	POE	POE	POE	
Initial Charge Volume	1.4	1.4	1.4	1.4	1.4	1.4	1.4	
Recharge Volume	1.25	1.25	1.25	1.25	1.25	1.25	1.25	
Max Pressure	High.Side	3.2	3.2	3.2	3.2	3.2	3.2	
	Low Side	2	2	2	2	2	2	
Weight (kg)	31	31	31	33	33	38	29	
Rotalock Connection	Discharge	Rot 3/4"	Rot 3/4"	Rot 3/4"	Rot 3/4"	Rot 3/4"	Rot 3/4"	
	Suction	Rot 1 1/4"	Rot 1 1/4"	Rot 1 1/4"	Rot 1 1/4"	Rot 1 1/4"	Rot 1 1/4"	
Rotalock Valve	Discharge	RV.45B-1/2X	RV.45B-1/2X	RV.45B-1/2X	RV.45B-1/2X	RV.45B-1/2X	RV.45B-1/2X	
	Suction	RV.45B-7/8	RV.45B-7/8	RV.45B-7/8	RV.45B-7/8	RV.45B-7/8	RV.45B-7/8	
Connection Type	Rotalock Conn.	Rotalock Conn.	Rotalock Conn.	Rotalock Conn.	Rotalock Conn.	Rotalock Conn.	Rotalock Conn.	
Sight Glass	✓	✓	✓	✓	✓	✓	✓	

Nominal Working Conditions: E.T: -31.6 °C, C.T. 40.6 °C, R.G. 4.4 °C, No Subcooling



Specifications R452A

Model	YF17E1S-Q100	YF20E1S-Q100	YF25E1S-Q100	YF29E1S-Q100	YF35E1S-Q100	YF41E1S-Q100	YF45E1S-Q100
Electricity	380V-420V/3~/50Hz						
Power in Horse	2.5	3	3.5	4	5	6	7
Displacement	42	46.6	58	67.8	83.3	98.3	108
Cooling Capacity	1770	2079	3695	3145	3731	4371	5083
Power in Watt	1567	1823	2324	2516	2889	3358	3704
COP (W/W)	1.13	1.14	1.16	1.25	1.29	1.3	1.37
Running Current	2.9	4.5	5	5.3	6.6	7	7.3
LRA (A)	22	45	60	60	60	65	85
MOC (A)	4.4	5.8	7.5	8.8	10.3	12.1	13.2
Crankcase Heater (W)	70	70	70	70	70	70	70
Fitting Dimensions	Disc.Tube	1/2" ODS	1/2" ODS	1/2" ODS	1/2" ODS	1/2" ODS	1/2" ODS
	Suction Tube	7/8" ODS	7/8" ODS	7/8" ODS	7/8" ODS	7/8" ODS	7/8" ODS
Product Dim.	L*W*H	239*239*418	239*239*418	239*239*418	239*239*418	239*239*463	239*239*463
Oil Type	POE	POE	POE	POE	POE	POE	POE
Initial Charge Volume	1.4	1.4	1.4	1.4	1.6	1.6	1.6
Recharge Volume	1.25	1.25	1.25	1.25	1.45	1.45	1.45
Max Pressure	High.Side	3.2	3.2	3.2	3.2	3.2	3.2
	Low Side	2	2	2	2	2	2
Weight (kg)	29	30	31	31	32	32	33
Rotalock Connection	Discharge	Rot 3/4"	Rot 3/4"	Rot 3/4"	Rot 3/4"	Rot 3/4"	Rot 3/4"
	Suction	Rot 1 1/4"	Rot 1 1/4"	Rot 1 1/4"	Rot 1 1/4"	Rot 1 1/4"	Rot 1 1/4"
Rotalock Valve	Discharge	RV.45B-1/2X	RV.45B-1/2X	RV.45B-1/2X	RV.45B-1/2X	RV.45B-1/2X	RV.45B-1/2X
	Suction	RV.45B-7/8	RV.45B-7/8	RV.45B-7/8	RV.45B-7/8	RV.45B-7/8	RV.45B-7/8
Connection Type	Rotalock Conn.	Rotalock Conn.	Rotalock Conn.	Rotalock Conn.	Rotalock Conn.	Rotalock Conn.	Rotalock Conn.
Sight Glass	✓	✓	✓	✓	✓	✓	✓

Nominal Working Conditions: E.T: -31.6 °C, C.T. 40.6 °C, R.G. 4.4 °C, No Subcooling

