

Scroll Compressors for MBP Refrigeration

MBP Soğutma için Scroll Kompresörler

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



Specifications R290

Model	YM31P1-100	YM37P1-100	YM42P1-100	YM52P1-100	YM60P1-100	YM73P1-100	YM90P1-100	YM101P1-100
Electricity	380V-420V/3~/50Hz							
Power in Horse	2	2	3	3	4	5	6	7
Displacement	33.3	42	46.6	58	67.8	83.3	98.3	108
Cooling Capacity	3049	3726	4203	5389	6215	7714	8965	10019
Power in Watt	15900	1820	2049	2477	2851	3412	3978	4303
COP (W/W)	1.92	2.05	2.05	2.18	2.18	2.26	2.25	2.33
Running Current	2.8	3.3	3.6	5.0	5.5	6.5	7.3	7.7
LRA (A)	22	22	22	45	45	60	60	60
MOC (A)	4.0	4.5	5.0	6.6	7	8.3	9.7	10.8
Crankcase Heater (W)	70	70	70	70	70	70	70	70
Fitting Dimensions	Disc.Tube	12.87-12.97	12.87-12.97	12.87-12.97	12.87-12.97	12.87-12.97	12.87-12.97	12.87-12.97
	Suction Tube	22.35-22.45	22.35-22.45	22.35-22.45	22.35-22.45	22.35-22.45	22.35-22.45	22.35-22.45
Product Dim.	L*W*H	239*239*418	239*239*418	239*239*418	239*239*418	239*239*418	239*239*418	239*239*418
Oil Type	PAG	PAG	PAG	PAG	PAG	PAG	PAG	PAG
Initial Charge Volume	1.4	1.4	1.4	1.4	1.4	1.6	1.6	1.6
Recharge Volume	1.25	1.25	1.25	1.25	1.25	1.45	1.45	1.45
Max Pressure	High.Side	2.1	2.1	2.1	2.1	2.1	2.1	2.1
	Low Side	1.7	1.7	1.7	1.7	1.7	1.7	1.7
Weight (kg)	29	30	30	31	31	31	33	38
Adaptor	Discharge	1"x12mm	1"x12mm	1"x12mm	1"x12mm	1"x12mm	1 1/4"x28mm	1 1/4"x28mm
	Suction	1 1/4"x22mm	1 1/4"x22mm	1 1/4"x22mm	1 1/4"x22mm	1 1/4"x22mm	2 1/4"x42mm	2 1/4"x42mm
Rotalock Valve	Discharge	RV.45B-1/2	RV.45B-1/2	RV.45B-1/2	RV.45B-1/2	RV.45B-1/2	RV.45B-1/2	RV.45B-1/2
	Suction	RV.45B-7/8X	RV.45B-7/8X	RV.45B-7/8X	RV.45B-7/8X	RV.45B-7/8X	RV.45B-7/8X	RV.45B-7/8X
Connection Type	Solder Conn.	Solder Conn.	Solder Conn.	Solder Conn.	Solder Conn.	Solder Conn.	Solder Conn.	Solder Conn.
Sight Glass	-	-	-	-	-	-	-	-



Nominal Working Conditions: E.T: -6.7 °C, C.T. 48.9 °C, R.G. 4.4 °C, No Subcooling

Specifications R454C

Model	YM34U1S-100	YM43U1S-100	YM49U1S-100	YM60U1S-100	YM70U1S-100	YM86U1S-100	YM102U1S-100	YM115U1S-100
Electricity	380V-420V/3~/50Hz							
Power in Horse	2	2.5	3	3.5	4	5	6	7
Displacement	33.3	42	46.6	58	67.8	83.3	98.3	108
Cooling Capacity	3203	4016	4437	5584	6524	7880	9300	10220
Power in Watt	1573	1930	2094	2570	2924	3530	4110	4520
COP (W/W)	2.04	2.08	2.12	2.17	2.23	2.23	2.26	2.26
Running Current	3	3.9	4.5	5.4	6.2	7.4	8.2	8.9
LRA (A)	22	45	45	60	60	60	65	85
MOC (A)	4.1	5	5.6	6.7	7.6	9.2	10.7	11.8
Crankcase Heater (W)	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
	Suction Tube	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*463
Oil Type	POE	POE	POE	POE	POE	POE	POE	POE
Initial Charge Volume	1.4	1.4	1.4	1.4	1.4	1.4	1.6	1.6
Recharge Volume	1.25	1.25	1.25	1.25	1.25	1.25	1.45	1.45
Max Pressure	High.Side	2.5	2.5	2.5	2.5	2.5	2.5	2.5
	Low Side	1.9	1.9	1.9	1.9	1.9	1.9	1.9
Weight (kg)	29	30	30	31	31	31	33	38
Rotalock Connection	Discharge	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"
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
	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
Connection Type	Rotalock Conn.	Rotalock Conn.	Rotalock Conn.	Rotalock Conn.	Rotalock Conn.	Rotalock Conn.	Rotalock Conn.	Rotalock Conn.
Sight Glass	✓	✓	✓	✓	✓	✓	✓	✓



Nominal Working Conditions: E.T: -6.7 °C, C.T. 48.9 °C, R.G. 4.4 °C, No Subcooling



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

Scroll Compressors for MBP Refrigeration

MBP Soğutma için Scroll Kompresörler

Specifications R455A

Model	YM34U1S-100	YM43U1S-100	YM49U1S-100	YM60U1S-100	YM70U1S-100	YM86U1S-100	YM102U1S-100	YM115U1S-100	
Electricity	380V-420V/3~/50Hz								
Power in Horse	2	2.5	3	3.5	4	5	6	7	
Displacement	33.3	42	46.6	58	67.8	83.3	98.3	108	
Cooling Capacity	3421	4351	4795	5985	7032	8641	10190	11071	
Power in Watt	1698	2128	2298	2794	3186	3803	4430	4825	
COP (W/W)	2.01	2.05	2.09	2.14	2.2	2.27	2.3	2.3	
Running Current	3.3	4.1	4.5	5.4	6.2	7.4	8.6	9.4	
LRA (A)	22	45	45	60	60	60	65	85	
MOC (A)	4.4	5.6	6.0	7.3	8.3	9.9	11.6	12.6	
Crankcase Heater (W)	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
	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
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*463	239*239*463
Oil Type	POE	POE	POE	POE	POE	POE	POE	POE	
Initial Charge Volume	1.4	1.4	1.4	1.4	1.4	1.6	1.6	1.6	
Recharge Volume	1.25	1.25	1.25	1.25	1.25	1.45	1.45	1.45	
Max Pressure	High.Side	2.5	2.5	2.5	2.5	2.5	2.5	2.5	
	Low Side	1.9	1.9	1.9	1.9	1.9	1.9	1.9	
Weight (kg)	29	30	30	31	31	31	33	38	
Rot. 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"
	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"
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
	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
Connection Type	Rotalock Conn.	Rotalock Conn.	Rotalock Conn.	Rotalock Conn.	Rotalock Conn.	Rotalock Conn.	Rotalock Conn.	Rotalock Conn.	
Sight Glass	✓	✓	✓	✓	✓	✓	✓	✓	



Nominal Working Conditions: E.T: -6.7 °C, C.T. 48.9 °C, R.G. 4.4 °C, No Subcooling

Specifications R404A

Model	YM34E2S-100	YM43E2S-100	YM49E2S-100	YM60E2S-100	YM70E2S-100	YM86E2S-100	YM34E1S-100	YM43E1S-100	YM49E1S-100	YM60E1S-100	YM70E1S-100	YM86E1S-100	
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	5	
Displacement	33.3	42	46.6	58	67.8	83.3	33.3	42	46.6	58	67.8	83.3	
Cooling Capacity	3560	4250	4840	6100	6920	8500	3560	4250	4840	6100	6920	8500	
Power in Watt	2070	2361	2689	3220	3601	4427	2034	2297	2547	3220	3530	4250	
COP (W/W)	1.72	1.76	1.8	1.89	1.92	1.92	1.75	1.85	1.9	1.89	1.9	2	
Running Current	9.4	11.2	12.7	14.6	16.9	21.2	3.5	4.8	5.1	6.5	7	8	
LRA (A)	76	76	76	109	109	140	22	45	45	60	60	60	
MOC (A)	16.2	17.2	19	24.5	28.1	33.4	5.2	6.4	6.9	8.5	10.3	12.2	
Crankcase Heater (W)	70	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	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	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	239*239*463	
Oil Type	POE	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	1.6	
Recharge Volume	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.45	
Max Pressure	High.Side	3.2	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	2	
Weight (kg)	31	31	31	33	33	38	29	30	30	31	31	32	
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"	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"	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	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	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.	Rotalock Conn.	
Sight Glass	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	

Nominal Working Conditions: E.T: -6.7 °C, C.T. 48.9 °C, R.G. 4.4 °C, No Subcooling

Scroll Compressors for MBP Refrigeration

MBP Soğutma için Scroll Kompresörler

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



Specifications R404A

Model	YM102E1S-100	YM115E1S-100	YM125E1S-100	YM132E1S-100	YM158E1S-100	YM182E1S-100	YM200E1S-100	YM210E1S-100
Electricity	380V-420V/3~/50Hz							
Power in Horse	6	7	7.5	8	9	10	12	13
Displacement	98.3	108	115.5	123	145.4	167.2	189.1	197.1
Cooling Capacity	10100	11328	12240	12893	15842	17856	19536	20544
Power in Watt	5050	5600	3120	6447	7921	8928	9671	10170
COP (W/W)	2	2.02	2	2	2	2	2.02	2.02
Running Current	9.4	11.2	17.3	18.4	21	23.6	16.3	16.9
LRA (A)	65	85	117	117	117	121	121	121
MOC (A)	14.3	17.1	17.3	18.4	21	23.6	26.5	27.6
Crankcase Heater (W)	70	70	90	90	90	90	90	90
Fitting Dimensions	Disc.Tube	1/2" ODS	1/2" ODS	7/8" ODS	7/8" ODS	7/8" ODS	7/8" ODS	7/8" ODS
	Suction Tube	7/8" ODS	7/8" ODS	1 1/8" ODS	1 1/8" ODS	1 1/8" ODS	1 1/8" ODS	1 1/8" ODS
Product Dim.	L*W*H	239*239*463	239*239*463	272*248*506.7	272*248*506.7	272*248*506.7	272*248*506.7	272*248*506.7
Oil Type	POE	POE	POE	POE	POE	POE	POE	POE
Initial Charge Volume	1.6	1.6	2.7	2.7	2.7	3	3	3
Recharge Volume	1.45	1.45	2.55	2.55	2.55	2.85	2.85	2.85
Max Pressure	High.Side	3.2	3.2	3.2	3.2	3.2	3.2	3.2
	Low Side	2	2	2	2	2	2	2
Weight (kg)	33	38	53	53	53	54	54	54
Rotalock Connection	Discharge	Rot 3/4"	Rot 3/4"	Rot 1 1/4"	Rot 1 1/4"	Rot 1 1/4"	Rot 1 1/4"	Rot 1 1/4"
	Suction	Rot 1 1/4"	Rot 1 1/4"	Rot 1 3/4"	Rot 1 3/4"	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-7/8	RV.45B-7/8	RV.45B-7/8	RV.45B-7/8	RV.45B-7/8
	Suction	RV.45B-7/8	RV.45B-7/8	RV.45B-1 1/8	RV.45B-1 1/8	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.	Rotalock Conn.
Sight Glass	✓	✓	✓	✓	✓	✓	✓	✓



Specifications R448A-R449A

Model	YM34E2S-102	YM43E2S-102	YM49E2S-102	YM60E2S-102	YM70E2S-102	YM86E2S-102	YM34E1S-100
Electricity	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	3694	4410	5022	6329	7343	9020	3687
Power in Watt	1815	2166	2287	2954	3376	4150	1858
COP (W/W)	2.04	2.04	2.2	2.14	2.18	2.17	1.98
Running Current	8.3	9.9	10.5	13.6	15.5	19	3.7
LRA (A)	76	76	76	109	109	140	22
MOC (A)	13.8	16.5	17.4	22.5	27.2	33.5	5.4
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	✓	✓	✓	✓	✓	✓	✓



Nominal Working Conditions: E.T: -6.7 °C, C.T: 48.9 °C, R.G: 4.4 °C, No Subcooling



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Scroll Compressors for MBP Refrigeration

MBP Soğutma için Scroll Kompresörler

Specifications R448A-R449A

Model	YM43E1S-100	YM49E1S-100	YM60E1S-100	YM70E1S-100	YM86E1S-100	YM102E1S-100	YM115E1S-100
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	4401	5012	6317	7343	9020	10718	12021
Power in Watt	2098	2326	2941	3045	4100	4872	5464
COP (W/W)	2.1	2.15	2.15	2.16	2.2	2.2	2.2
Running Current	4.1	4.6	5.8	6.3	7.6	9	10.1
LRA (A)	45	45	60	60	60	65	85
MOC (A)	6.1	6.8	8.6	10.4	12.5	14.9	15.8
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*418	239*239*463
Oil Type	POE	POE	POE	POE	POE	POE	POE
Initial Charge Volume	1.4	1.4	1.4	1.4	1.4	1.6	1.6
Recharge Volume	1.25	1.25	1.25	1.25	1.25	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)	30	30	31	31	32	33	38
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 R452A

Model	YM34E2S-102	YM43E2S-102	YM49E2S-102	YM60E2S-102	YM70E2S-102	YM86E2S-102	YM34E1S-100
Electricity	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	3560	4250	4840	6100	6920	8500	3560
Power in Watt	1978	2361	2493	3220	3601	4427	2034
COP (W/W)	1.8	1.76	1.94	1.89	1.92	1.92	1.75
Running Current	9.4	11.2	11.5	14.6	16.9	21.2	3.5
LRA (A)	76	76	76	109	109	140	22
MOC (A)	16.2	17.2	19	24.5	28.1	33.4	5.2
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*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	✓	✓	✓	✓	✓	✓	✓



Scroll Compressors for MBP Refrigeration

MBP Soğutma için Scroll Kompresörler

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



Specifications R452A

Model	YM43E1S-100	YM49E1S-100	YM60E1S-100	YM70E1S-100	YM86E1S-100	YM102E1S-100	YM115E1S-100
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	4250	4840	6100	6920	8500	10100	11328
Power in Watt	2297	2547	3220	3530	4250	5050	5100
COP (W/W)	1.85	1.9	1.89	1.96	2	2	2.22
Running Current	4.8	5.1	6.5	7	8	9.4	11.2
LRA (A)	45	45	60	60	60	65	85
MOC (A)	6.4	6.9	8.5	10.3	12.2	14.3	17.1
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	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)	30	30	31	31	32	33	38
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: -6.7 °C, C.T: 48.9 °C, R.G: 4.4 °C, No Subcooling