

SRMTEC SCREW COMPRESSORS NH₃ & CO₂

OPEN-TYPE SINGLE-STAGE COMPRESSORS (NH₃)



OPEN-TYPE TWO-STAGE COMPRESSORS (NH₃)



OPEN-TYPE SINGLE-STAGE HIGH-PRESSURE COMPRESSORS (NH₃ & CO₂)



SEMI-HERMETIC SINGLE-STAGE COMPRESSORS (NH₃)



SEMI-HERMETIC TWO-STAGE COMPRESSORS (NH₃)



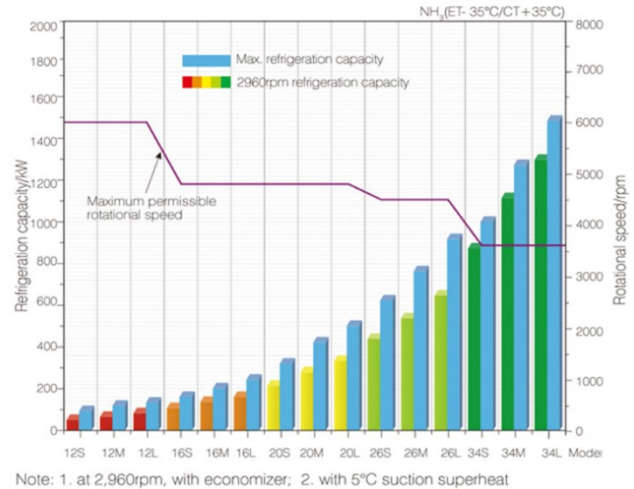
DISPLACEMENT AT 50Hz [m³/h]

0 100 220 400 500 600 800 1200 1600 2400 3400 5100 5500

Open-Drive Screw Compressors for R717 Applications

Model	Displacement (m ³ /h @ 50Hz)	Max Speed (rpm)	Length (mm)	Width (mm)	Height (mm)
SRM12L	265	6000	1071	381,2	453,5
SRM16S	435	4800	1071	449	552
SRM16M	544	4800	1125	449	552
SRM16L	652	4800	1205	449	552
SRM20S	850	4800	1219	566	561
SRM20M	1100	4800	1340	566	561
SRM20L	1270	4800	1418	566	561
SRM20LL	1496	4800	1675	566	561
SRM26S	1659	4500	1526	717	805
SRM26M	2075	4500	1641	717	805
SRM26L	2478	4500	1732	717	805
SRM26LL	2940	4500	1860	717	805
SRM34S	3360	3600	1920	845	772
SRM34M	4280	3600	2073	845	772
SRM34L	5090	3600	2213	845	772
SRM34LL	6350	3600	2428	845	772

Refrigeration Capacity of SRMP1V Open-type Single-stage Inverter Screw



Open-Drive 2-Stage Screw Compressors for R717

Model	Displacement (m ³ /h @ 50Hz)	Max Speed (rpm)	Length (mm)	Width (mm)	Height (mm)
SRM1612LS	652	3600	1521	658	656
SRM2016LS	1270	3600	2109	525	599
SRM2620MS	2075	3600	2322	689	845
SRM2620LS	2478	3600	2322	689	845
SRM3426LS	5090	3000	3885	837	965

Semi-hermetic Screw Compressors for R717

Model	Displacement (m ³ /h @ 50Hz)	Nominal motor power (kW)	Weight (kg)
SRS08SH	102,2	22	185
SRS08MH	121,6	27	195
SRS08LH	145,9	33	205
SRS10SH	170,3	45	240
SRS10LH	204,3	45	260
SRS12SH	255,4	54	370
SRS12MH	279,7	62	375
SRS12LH	304,1	72	380
SRS14SM	377	90	505
SRS14MM	413,5	90	510
SRS14LM	450	107	515
SRS16SM	510,8	134	680
SRS16MM	547,3	134	690
SRS16LM	608,1	134	700

High Evaporation Temperature Applications

Model	Displacement (m ³ /h @ 50Hz)	Nominal motor power (kW)	Weight (kg)
SRS08SL	84	22	185
SRS08ML	100	27	195
SRS10SL	140	45	240
SRS12SL	210	54	370
SRS12ML	230	62	375
SRS14SR	310	90	505
SRS14MR	340	90	510
SRS16SR	420	134	680
SRS16MR	450	134	690

Semi-hermetic 2-Stage Screw Compressors for R717 Low-Temp Applications

Model	Displacement (m ³ /h @ 50Hz)	Nominal motor power (kW)	Weight (kg)
SRS1008SS	141	28,8	362
SRS1008LL	221	44,4	445
SRS1210SS	332	67,2	500
SRS1210LL	463	90,0	700
SRS1612LS	652	155	1161

High-Pressure Screw Compressors for R717 Heatpump Applications

Model	Displacement (m ³ /h @ 50Hz)	Max Speed (rpm)	Length (mm)	Width (mm)	Height (mm)
SRH12M	161	4200	1033	556	731
SRH16M	322	3600	1180	609,5	787
SRH18M	480	3600	1250	671,6	789
SRH20M	854	3600	1453	711	888
SRH26M	1409	3600	1671	972	1170