

# Mbsm.pro, 104L2120, DANFOSS, REFRIGERATION, Reciprocating, compressor, SC18CM, 3/4 hp, lbp, r22, 220v/50hz/1ph

Category: compressor

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Refrigerants: R22, Usage segment: Refrigeration LT

**Gross weight** 13.98 Kg

**Net weight** 13.98 Kg

**Oil** AB

**Amps locked rotor HST [A]** 18.6 To

**Applications** LBP

**Approval standard** CE en 60335-2-34 with Annex  
AA

Auxiliary winding resistance (start winding) for single-phase compressors [Ohm]	14.1 Ohm
Oil quantity [cm3]	600 cm3
Capacity control	Fixed speed
Refrigerant charge [kg] [Max]	1.3 kg
Color	Black
Cut-in current HST [A]	18.6 To
Configuration code	Individual
Description	Compressor SC18CM, 240 V
Description	SC
Designation	Compressor
Packaging format	Industrial package
Material of the discharge connection	Steel-plated Cu
Material of the process connection	Steel-plated Cu
N. ° of phases (fan)	One
Energy level of the application	Compressor LBP standard
Model number	SC18CM
Refrigerants	R22
Resistance of the primary winding for compressors in single-phase [Ohm]	3.7 Ohm
Run capacitor capacitance	10 µF
Start capacitor capacitance	80 µF
Swept volume [cm3]	17.69 cm3
Technology	Alternative
Temperature of the winding, the short-term [°C] [Max]	140 °C
Winding temperature, stable [°C] [Max]	130 °C
Voltage, 50 Hz [V]	220 V
Voltage, 50 Hz [V] [max.]	220 V
Engine type	CSR
Type of motherboard	Universal
Technique of the brand	Compressor alternative
Units of packing	Eighty
Use of segment	Refrigeration LT
Volume of free gas [cm3]	1510 cm3



R12  
LBP

NL7A	105F3707			85	146	237	295				157		7.3
FR10A	103U2904	103U2914		85	158	255	315				180		9.05
FR11A	103U2104	103U2114		110	205	335	415				245		11.15
SC12A	104L2660	104L2680		95	230	395	495	600			260		12.9
SC15A	104L2820	104L2810		130	275	485	600	725			305		15.3
SC18A	104L2100			170	340	575	715	860			365		17.7
SC21A	104L2300			220	400	660	820	980			455		20.95

R12  
LBP

TFS3AT	102U2083			32	60	98	120				80		3.13
TFS4AT	102U2081			42	79	128	160				95		3.86
TFS5AT	102U2080			62	104	175	215				125		5.08
FF7.5AT	103U2750			65	132	220	280				147		6.93
FF7.5AT		103U2760		65	132	220	280				147		6.93
FF8.5AT	103U2850			77	152	255	315				169		7.95
FF8.5AT		103U2860		77	152	255	315				169		7.95
FF10AT	103U2950			86	165	275	350				190		9.05

R22  
LBP

SC10C	104L2516			50	155	325	560	700	850		300		10.3
SC12C	104L2674			95	220	415	680	840	1020		380		12.9
SC15CM	104L2848			115	270	510	840	1050	1280		470		15.3
SC18CM	104L2120			130	310	585	980	1230	1500		510		17.7
SC10/10C *	104L4076			100	310	650	1120	1400	1700		600		2x10.3
SC12/12C *	104L4077			190	440	830	1360	1680	2040		760		2x12.9
SC15/15CM *	104L4079			230	540	1020	1680	2100	2560		940		2x15.3
SC18/18CM**	104L4081			260	620	1170	1960	2460	3000		1020		2x17.7

R502  
LBP

SC10C	104L2516			80	215	365	590	710	870		335		10.3
SC12C	104L2674			110	270	470	770	950	1140		420		12.9
SC15CM	104L2848			150	325	590	920	1120	1390		535		15.3
SC18CM	104L2120			180	400	685	1080	1330	1600		580		17.7
SC10/10C *	104L4076			160	230	730	1180	1420	1740		670		2x10.3
SC12/12C *	104L4077			220	540	940	1540	1900	2280		840		2x12.9
SC15/15CM *	104L4079			300	650	1180	1840	2240	2780		1070		2x15.3
SC18/18CM**	104L4081			360	800	1370	2160	2660	3200		1160		2x17.7

R12

TL2.5B	102U2021			20	45	80	102	126	182	248		112	2.61
TL3B	102U2023			27	56	96	120	148	215	296		141	3.13
TL4B	102U2016			39	73	116	145	182	264	364		157	3.86
FR6B	103U2654			55	110	190	235	295	438	620		243	6.24
FR7.5B	103U2754	103U2764		65	127	210	275	340	495	695		280	6.93
FR8.5B	103U2854	103U2864		72	146	240	300	375	555	770		326	7.95
FR10B	103U2954	103U2964		85	158	268	340	420	620	860		375	9.05



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