

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

Category: compressor

written by Lilianne | 10 March 2024



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	
	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		
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	
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	
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
R12												





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