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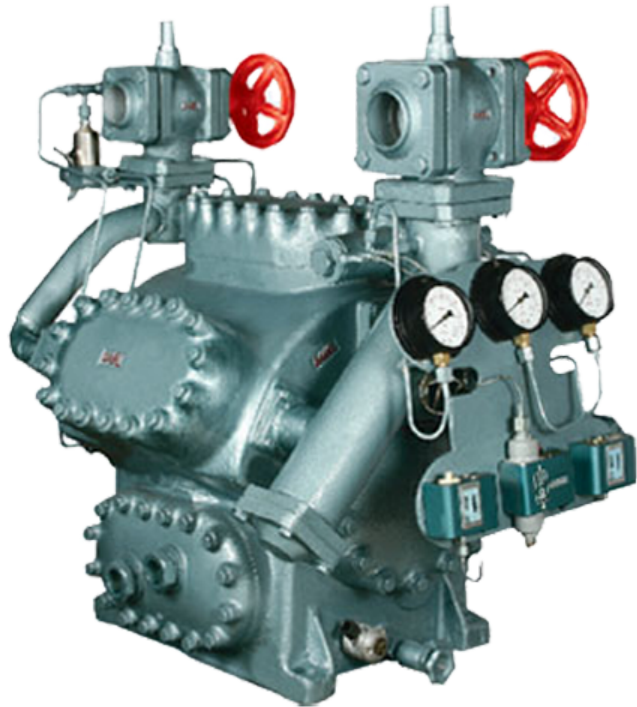
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🏠 Open Type

OPEN TYPE



ACCEL SMC (Single Stage)

Air Conditioning & Refrigeration
Compressors

Refrigerant: R 134(a), R 22, R 717,
R 404(a), R 502

Range: 5 TR to 400 TR

Sizes: 2,3,4,6,8,12 and 16
cylinders (25 Models)

Models: SMC 2-65 S/L to SMC
8-65 S/L (10 Models)
SMC 4-100 S/L/E to
SMC 16-100 S/L/E (15
Models)

Application: Comfort Cooling, Cold
Storage, Ice Plant,
Defence Establishment,
Marine Application,
Mobile Application like
Railway Coaches.

Benefit: High Co-efficient of
Performance, Low Power
Consumption,
Wide range of
refrigeration capacities,
Vibration free, Compact,
Minimum noise and
minimum maintenance.

TECHNICAL DATA										
Model	Bore (mm)	Stroke (mm)	No of cylinders	Arrangement	Maximum Operating Speed (R.P.M)	Dimensions Direct Coupled Drive(mm)			Dimensions Drive (m)	
						Length	Width	Height	Length	Width
SMC - 2 - 65 S	65	50	2	1	1750	1420	520	920	1200	720
SMC - 3 - 65 S	65	50	3	W	1750	1420	650	990	1200	990
SMC - 4 - 65 S	65	50	4	V	1750	1470	620	990	1300	920
SMC - 6 - 65 S	65	50	6	W	1750	1520	650	990	1325	990
SMC - 8 - 65 S	65	50	8	V V	1750	1560	655	990	1325	990
SMC - 2 - 65 L	65	65	2	1	1750	1420	520	920	1200	720
SMC - 3 - 65 L	65	65	3	W	1750	1420	650	990	1200	990

SMC - 4 - 65 L	65	65	4	V	1750	1470	620	990	1300	920
SMC - 6 - 65 L	65	65	6	W	1750	1520	650	990	1325	990
SMC - 8 - 65 L	65	65	8	V V	1750	1560	655	990	1325	990
SMC - 4 - 100 S	100	80	4	V	1440	2000	900	1150	1750	1100
SMC - 6 - 100 S	100	80	6	W	1440	2050	925	1175	1900	1150
SMC - 8 - 100 S	100	80	8	V V	1440	2100	950	1175	1900	1200
SMC -12- 100 S	100	80	12	W W	1440	2850	1070	1250	2100	1700
SMC -16- 100 S	100	80	16	V V V V	1440	3000	1000	1390	--	--
SMC - 4 - 100 L	100	100	4	V	1440	2000	900	1150	1750	1100
SMC - 6 - 100 L	100	100	6	W	1440	2050	925	1175	1900	1150
SMC - 8 - 100 L	100	100	8	V V	1440	2100	950	1175	1900	1200
SMC -12- 100 L	100	100	12	W W	1440	2850	1070	1250	2100	1700
SMC -16- 100 L	100	100	16	V V V V	1440	3000	1000	1390	--	--
SMC - 4 - 100 E	100	120	4	V	1440	2000	900	1150	1750	1100
SMC - 6 - 100 E	100	120	6	W	1440	2050	925	1175	1900	1150
SMC - 8 - 100 E	100	120	8	V V	1440	2100	950	1175	1900	1200
SMC -12- 100 E	100	120	12	W W	1440	2850	1070	1250	2100	1700
SMC -16- 100 E	100	120	16	V V V V	1440	3000	1000	1390	--	--

NOMINAL CAPACITIES										
Refrigerant Model	R - 717		R - 22				R-134a			
	Qe (KW)	W (KW)	Qe (KW)	W (KW)	Qe (KW)	W (KW)	Qe (KW)	W (KW)	Qe (KW)	W (KW)
	5°C / 40°C		5°C / 40°C		5°C / 55°C		5°C / 40°C		5°C / 55°C	
SMC - 2 - 65 S	28.1	5.6	26.7	5.4	21.8	6.6	15.8	3.5	12.2	3.9
SMC - 3 - 65 S	-	-	40.0	8.1	32.7	9.9	23.7	5.4	18.3	5.9
SMC - 4 - 65 S	56.2	11.1	53.5	10.8	43.6	13.2	31.5	7.2	24.4	7.9
SMC - 6 - 65 S	84.4	16.7	80.0	16.3	65.3	19.9	47.3	10.7	36.7	11.8
SMC - 8 - 65 S	112.5	22.2	106.8	21.7	87.4	26.5	63.1	14.3	48.9	16.8
SMC - 2 - 65 L	37.5	7.5	35.3	7.2	28.8	8.7	20.8	4.7	16.1	5.3
SMC - 3 - 65 L	-	-	53.0	10.9	43.1	13.1	31.3	7.1	24.2	7.9
SMC - 4 - 65 L	74.3	14.9	70.6	14.5	57.5	17.5	41.6	9.4	32.3	1.6
SMC - 6 - 65 L	111.4	22.4	105.5	21.8	86.2	26.2	62.4	14.1	48.4	15.8
SMC - 8 - 65 L	148.5	29.8	141.0	29.1	115.4	35.0	83.3	18.9	64.5	21.1
SMC - 4 - 100 S	233.8	42.7	213.0	41.4	175.6	49.9	129.4	28.1	100.4	32.5
SMC - 6 - 100 S	350.1	64.1	319.6	62.0	262.4	74.9	194.2	41.4	152.0	47.3
SMC - 8 - 100 S	466.5	85.4	427.1	82.8	350.1	99.6	258.9	54.8	202.0	63.1
SMC -12 - 100 S	700.3	128.2	640.1	124.3	525.7	149.9	388.4	80.9	302.3	93.5
SMC - 16 - 100 S	934.0	170.6	853.2	165.7	700.3	199.2	517.9	107.3	403.9	126.8
SMC - 4 - 100 L	296.9	52.9	224.6	42.2	186.7	51.9	137.0	28.4	108.1	33.2
SMC - 6 - 100 L	444.8	79.3	337.4	63.3	280.0	77.8	205.4	41.9	161.0	49.3
SMC - 8 - 100 L	593.8	105.5	450.3	84.3	373.3	103.6	273.8	55.5	216.0	65.3
SMC -12 - 100 L	890.6	158.8	674.9	126.3	560.0	155.9	410.9	82.5	325.6	97.0
SMC - 16 - 100 L	1186.5	211.1	899.5	168.2	747.7	207.2	548.0	109.3	433.6	128.9
SMC - 4 - 100 E	358.2	63.6	269.5	50.6	224.0	62.3	164.4	34.1	129.7	39.8
SMC - 6 - 100 E	537.5	94.6	404.9	76.0	336.0	93.4	246.5	50.3	193.2	59.2
SMC - 8 - 100 E	716.7	125.6	540.4	101.2	448.0	124.3	328.6	66.6	259.2	78.4
SMC -12 - 100 E	1075.0	187.2	809.9	151.6	672.0	187.1	493.1	99.0	390.7	116.4
SMC -16 - 100 E	1433.2	248.8	1079.4	201.8	897.2	248.6	657.6	131.2	520.3	154.7

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