



COMPRESSORS & PNEUMATIC
SYSTEMS LTD

Compressors

HPC Rotary Screw Compressors - Belt Driven

SX through ASK Models are available with SIGMA Control Basicas standard and with SIGMA Control 2 as an option.

Model	Capacity F.A.D. cfm	Working Pressure bar	Motor kW
SX 3	12	7.5 (MWP 8)	2.2 (now 3 Ph)
SX 3 RM		10 (MWP 11)	
SX 3 T		13 (MWP 15)	
SX 4	15.9	7.5 (MWP 8)	3
SX 4 RM*	12.7	10 (MWP 11)	
SX 4 T	9.2	13 (MWP 15)	
SX 6	21.2	7.5 (MWP 8)	4
SX 6 RM*	16.9	10 (MWP 11)	
SX 6 T	13.1	13 (MWP 15)	
SX 8	28.3	7.5 (MWP 8)	5.5
SX 8 RM*	23.7	10 (MWP 11)	
SX 8 T	19.1	13 (MWP 15)	
SM 9	31.8	7.5 (MWP 8)	5.5
SM 9 RM*	26.5	10 (MWP 11)	
SM 9 T	19.8	13 (MWP 15)	
SM 12	42.4	7.5 (MWP 8)	7.5
SM 12 RM*	35.7	10 (MWP 11)	
SM 12 T	27.2	13 (MWP 15)	

Model	Capacity F.A.D. cfm	Working Pressure bar	Motor kW
SM 15	53	7.5 (MWP 8)	9
SM 15 RM*	44.5	10 (MWP 11)	
SM 15 T	35	13 (MWP 15)	
SK 22	70.6	7.5 (MWP 8)	11
SK 22 T	59.3	10 (MWP 11)	
SK 22 T	46.6	13 (MWP 15)	
SK 25	88.3	7.5 (MWP 8)	15
SK 25 T	74.5	10 (MWP 11)	
SK 25 T	60.7	13 (MWP 15)	
ASK 27	92	7.5 (MWP 8)	15
ASK 27 T	77	10 (MWP 11)	
ASK 27 T	60	13 (MWP 15)	
ASK 32	111	7.5 (MWP 8)	18.5
ASK 32 T	94	10 (MWP 11)	
ASK 32 T	72	13 (MWP 15)	
ASK 35	124	7.5 (MWP 8)	22
ASK 35 T	105	10 (MWP 11)	
ASK 35 T	84	13 (MWP 15)	



*IMPORTANT - Please Note: 15 bar RM, SXC,
AIRCENTER and AIRCENTER SFC models are on application

CPS Ltd., 102 Bierton Road, Aylesbury, Bucks. HP20 1EN Tel: 01296 423344 Email: info@cpscompressors.co.uk Reg No. 06449415

MAINTENANCE • INSTALLATION • PIPEWORK

24hr Emergency Telephone: **07732 710461** or **07525 006256**



COMPRESSORS & PNEUMATIC
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Compressors

HPC Rotary Screw Compressors - Direct Drive

Please Note: ASD/BSD/CSD & CSDX units are available in four package options.

For example: **ASD** = Compressor Only, **ASD SFC** = Compressor with SFC,

ASD T = Compressor & Dryer, **ASD SFC T** = Compressor with SFC & Dryer (**SFC = SIGMA Frequency Drive**)

Model	Capacity F.A.D. cfm	Working Pressure bar	Motor kW		
ASD 32	112	7.5 (MWP 8)	18.5		
	96	10 (MWP 11)			
ASD 32 T	74	13 (MWP 15)			
ASD 37	138	7.5 (MWP 8)	22		
	110	10 (MWP 11)			
ASD 37 T	94	13 (MWP 15)			
ASD 47	161	7.5 (MWP 8)	25		
	136	10 (MWP 11)			
ASD 47 T	106	13 (MWP 15)			
ASD 57	195	7.5 (MWP 8)	30		
	157	10 (MWP 11)			
ASD 57 T	130	13 (MWP 15)			
BSD 62	200	7.5 (MWP 8)	30		
	157	10 (MWP 11)			
BSD 62 T	127	13 (MWP 15)			
BSD 72	247	7.5 (MWP 8)	37		
	197	10 (MWP 11)			
BSD 72 T	155	13 (MWP 15)			
BSD 81	288	7.5 (MWP 8)	45		
	240	10 (MWP 11)			
BSD 81 T	192	13 (MWP 15)			
CSD 85	291	7.5 (MWP 8.5)	45		
	243	10 (MWP 12)			
CSD 85 T	194	13 (MWP 15)			
CSD 105	358	7.5 (MWP 8.5)	55		
	289	10 (MWP 12)			
CSD 105 T	238	13 (MWP 15)			
CSD 125	424	7.5 (MWP 8.5)	75		
	355	10 (MWP 12)			
CSD 125 T	285	13 (MWP 15)			
CSDX 140	485	7.5 (MWP 8.5)	75		
	418	10 (MWP 12)			
CSDX 140 T	348	13 (MWP 15)			
CSDX 165	571	7.5 (MWP 8.5)	90		
	478	10 (MWP 12)			
CSDX 165 T	406	13 (MWP 15)			
DSD 142	481	7.5 (MWP 9)	75		
DSD 142 T					
DSD 172	569	7.5 (MWP 9)	90		
DSD 172 T					
DSD 202	722	7.5 (MWP 8.5)	110		
				548	10 (MWP 12)
DSD 202 T				448	13 (MWP 15)

Model	Capacity F.A.D. cfm	Working Pressure bar	Motor kW
DSD 238	840	7.5 (MWP 8.5)	132
	703	10 (MWP 12)	
DSD 238 T	523	13 (MWP 15)	
DSDX 243	851	7.5 (MWP 8.5)	132
	710	10 (MWP 12)	
	526	13 (MWP 15)	
DSDX 302	1066	7.5 (MWP 8.5)	160
	830	10 (MWP 12)	
	689	13 (MWP 15)	
ESD 352	1278	7.5 (MWP 8.5)	200
	1050	10 (MWP 12)	
	816	13 (MWP 15)	
ESD 442	1490	7.5 (MWP 8.5)	250
	1250	10 (MWP 12)	
	1021	13 (MWP 15)	
FSD 471	1660	7.5 (MWP 8)	250
	1430	10 (MWP 10)	
	1254	12 (MWP 12)	
FSD 571	2013	7.5 (MWP 8)	315
	1624	10 (MWP 12)	
	1393	13 (MWP 13.5)*	

*15bar option available



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COMPRESSORS & PNEUMATIC
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SXC Compact Series - Belt Driven (SCB Only)

Model	Capacity F.A.D. cfm	Working Pressure bar	Package Components	Noise Level dB(A)
SXC 3	12 9.2	7.5 (MWP 8) 10 (MWP 11)	2.2kW (3Ph) Screw Integral Dryer 215 ltr Tank	68
SXC 4*	15.9 12.7 9.2	7.5 (MWP 8) 10 (MWP 11) 13 (MWP 15)	3kW Screw Integral Dryer 215 ltr Tank	69
SXC 6*	21.2 16.9 13.1	7.5 (MWP 8) 10 (MWP 11) 13 (MWP 15)	4kW Screw Integral Dryer 215 ltr Tank	69
SXC 8*	28.2 23.7 19.1	7.5 (MWP 8) 10 (MWP 11) 13 (MWP 15)	5.5kW Screw Integral Dryer 215 ltr Tank	69

Aircenter Series - Belt Driven

Model	Capacity F.A.D. cfm	Working Pressure bar	Package Components	Noise Level dB(A)
Aircenter 3	12 9.2	7.5 (MWP 8) 10 (MWP 11)	SX3 (3Ph) Screw Integral Dryer 200 ltr Tank	60
Aircenter 4*	15.9 12.7 9.2	7.5 (MWP 8) 10 (MWP 11) 13 (MWP 15)	SX4 (3Ph) Screw Integral Dryer 200 ltr Tank	61
Aircenter 6*	21.2 16.9 13.1	7.5 (MWP 8) 10 (MWP 11) 13 (MWP 15)	SX6 (3Ph) Screw Integral Dryer 200 ltr Tank	62
Aircenter 8*	28.3 23.7 19.1	7.5 (MWP 8) 10 (MWP 11) 13 (MWP 15)	SX8 (3Ph) Screw Integral Dryer 200 ltr Tank	63
Aircenter 9*	31.8 26.5 19.8	7.5 (MWP 8) 10 (MWP 11) 13 (MWP 15)	SM9 Screw Integral Dryer 270 ltr Tank	64
Aircenter 12*	42.4 35.7 27.2	7.5 (MWP 8) 10 (MWP 11) 13 (MWP 15)	SM12 Screw Integral Dryer 270 ltr Tank	64
Aircenter 15*	53 44.5 35	7.5 (MWP 8) 10 (MWP 11) 13 (MWP 15)	SM15 Screw Integral Dryer 270 ltr Tank	65
Aircenter 22*	70.6 59.3 46.6	7.5 (MWP 8) 10 (MWP 11) 13 (MWP 15)	SK22 Screw Integral Dryer 350 ltr Tank	64
Aircenter 25*	88.3 74.5 60.7	7.5 (MWP 8) 10 (MWP 11) 13 (MWP 15)	SK25 Screw Integral Dryer 350 ltr Tank	65

*Capacity to ISO 1217,
2009 Annex C, measured
at outlet of package.



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SFC & T SFC Compressors - Belt Driven

Model	Capacity F.A.D. cfm	Working Pressure bar	Motor kW
SM 12 SFC	0.34 - 1.24	7.5 (MWP 8)	7.5
SM 12 T SFC	0.34 - 1.04	10 (MWP 11)	
Aircenter 12 SFC*	0.3 - 0.78	13 (MWP 15)	
SM 22 SFC	0.62 - 1.98	7.5 (MWP 8)	11
SM 22 T SFC	0.63 - 1.67	10 (MWP 11)	
Aircenter 22 SFC*	0.57 - 1.37	13 (MWP 15)	
SK 25 SFC	0.81 - 2.55	7.5 (MWP 8)	15
SK 25 T SFC	0.84 - 2.25	10 (MWP 11)	
Aircenter 25 SFC*	0.83 - 1.9	13 (MWP 15)	
ASK 32 SFC	0.77 - 2.9	7.5 (MWP 8)	18.5
ASK 32 T SFC	0.59 - 2.38	10 (MWP 11)	
ASK 32 T SFC	0.67 - 1.84	13 (MWP 15)	

SFC & T SFC Compressors - Direct

Model	Capacity F.A.D. cfm	Working Pressure bar	Motor kW
CSDX 165 SFC	3.84 - 15.84	7.5 (MWP 8.5)	90
CSDX 165 T SFC	3.29 - 13.84 2.7 - 11.7	10 (MWP 12) 13 (MWP 15)	
DSD 142 SFC	3.6 - 14.8	7.5 (MWP 9)	75
DSD 142 T SFC			
DSD 172 SFC	3.6 - 16.33 3.55 - 14.2	7.5 (MWP 10) 10 (MWP 10)	90
DSD 172 T SFC			
DSD 202 SFC	4.25 - 20.3 4 - 17.3	7.5 (MWP 10) 10 (MWP 10)	110
DSD 202 T SFC			
DSD 238 SFC	5.93 - 22.5 5.8 - 20	7.5 (MWP 10) 10 (MWP 10)	132
DSD 238 T SFC			
DSDX 243 SFC	6.62 - 26.9 5.6 - 23.73 3.56 - 19	7.5 (MWP 8.5) 10 (MWP 12) 13 (MWP 15)	132
DSDX 302 SFC	6.62 - 306 5.6 - 26.7 3.56 - 21.1	7.5 (MWP 8.5) 10 (MWP 12) 13 (MWP 15)	160
ESD 352 SFC	8.58 - 33.38 6.43 - 27.43 5.17 - 23.7	7.5 (MWP 8.5) 10 (MWP 12) 13 (MWP 15)	200
ESD 442 SFC	10.14 - 41.52 8.33 - 36 6.13 - 29.5	7.5 (MWP 8.5) 10 (MWP 12) 13 (MWP 15)	250
FSD 571 SFC	13.35 - 52.15 9.8 - 45.1 9.4 - 39.7	7.5 (MWP 8.5) 10 (MWP 15) 13 (MWP 15)	315

SFC & T SFC Compressors - Direct

Model	Capacity F.A.D. cfm	Working Pressure bar	Motor kW
ASD 32 SFC	0.69 - 3.32	7.5 (MWP 10)	18.5
ASD 32 T SFC	0.9 - 2.86	10 (MWP 10)	
ASD 37 SFC	0.82 - 4.05 0.61 - 3.58	7.5 (MWP 8.5)	22
ASD 37 T SFC		10 (MWP 15) 13 (MWP 15)	
ASD 47 SFC	1.07 - 4.92 0.79 - 4.12	7.5 (MWP 8.5)	25
ASD 47 T SFC		10 (MWP 11) 13 (MWP 15)	
BSD 72 SFC	1.57 - 6.25 1.16 - 5.34	7.5 (MWP 8.5)	37
BSD 72 T SFC		10 (MWP 11) 13 (MWP 15)	
CSD 85 SFC	1.95 - 8.08 1.48 - 6.91	7.5 (MWP 8.5)	45
CSD 85 T SFC		10 (MWP 12) 13 (MWP 15)	
CSD 105 SFC	2.19 - 9.85 1.9 - 8.35	7.5 (MWP 8.5)	55
CSD 105 T SFC		10 (MWP 12) 13 (MWP 15)	
CSD 125 SFC	2.84 - 12 2.05 - 10.53	7.5 (MWP 8.5)	75
CSD 125 T SFC		10 (MWP 12) 13 (MWP 15)	
CSDX 140 SFC	3.39 - 13.17 2.81 - 11.33	7.5 (MWP 8.5)	75
CSDX 140 T SFC		10 (MWP 12) 13 (MWP 15)	



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