

# BELT DRIVEN SCREW COMPRESSOR



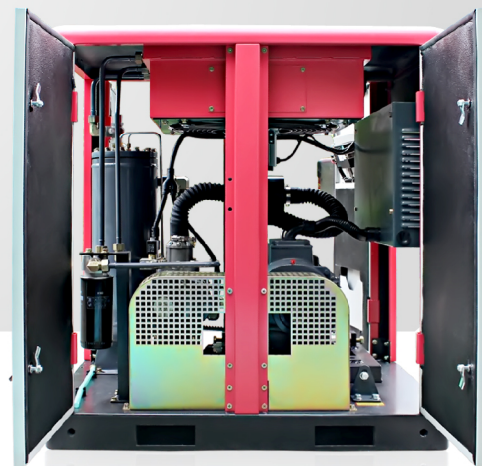
High Efficient



High Reliability



Low Noise



## 01 Structure

All internal pipes are of seamless carbon steel material which can make the machine beautiful appearance and lengthen its service life greatly. Tidiness internal structure save space.



## 02 Motor

High efficiency motor is adopted, the same motor supplier with Atlas Copco, Ingersoll Rand China. With protection class IP54/IP55 and insulation class F. ABB & Siemens motor for choose.



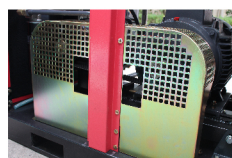
## 03 Oil Filter

Germany MANN oil filter is applied to remove the impurities in lubricating oil, easy for replacement and no worries for oil leakage.



## 04 Belt Cover

Specially designed belt cover for protection purpose, to avoid people touching the running belt by accident. Easy to remove for maintenance.



## 05 Acoustic Enclosure

Fully-enclosed mute box design, with sound-absorbing sponge attached, to efficiently decrease noise 3-5dB(A).



## SPECIFICATIONS

Motor Efficiency Class: IE3/IE2 as per your required  
Type of Driving: Belt driven

Motor Protection Class: IP23/IP54/IP55 or as per your required  
Type of Cooling: Air Cooling/Water Cooling

Model	Working Pressure		Air Delivery		Motor Power	Dimension(mm)			Weight(kg)	Output pipe Diameter
	psig	bar	cfm	m <sup>3</sup> /min		L	W	H		
ERC-10SA	100	7	38.8	1.1	7.5/10	850	640	880	350	3/4"
	116	8	35.3	1.0						
	145	10	30.0	0.85						
	181	12.5	24.7	0.7						
ERC-15SA	100	7	63.6	1.8	11/15	1150	750	1180	450	1"
	116	8	58.3	1.65						
	145	10	53.0	1.5						
	181	12.5	45.9	1.3						
ERC-20SA	100	7	84.7	2.4	15/20	1150	750	1180	460	1"
	116	8	77.7	2.2						
	145	10	74.2	2.1						
	181	12.5	63.6	1.8						
ERC-25SA	100	7	109.5	3.1	18.5/25	1200	880	1450	620	1"
	116	8	102.4	2.9						
	145	10	95.4	2.7						
	181	12.5	81.2	2.3						
ERC-30SA/ ERC-30SW	100	7	134.2	3.8	22/30	1200	880	1450	640	1"
	116	8	127.1	3.6						
	145	10	113.0	3.2						
	181	12.5	88.3	2.5						
ERC-40SA/ ERC-40SW	100	7	187.1	5.3	30/40	1250	1000	1360	900	1 1/4"
	116	8	176.6	5.0						
	145	10	151.8	4.3						
	181	12.5	127.1	3.6						
ERC-50SA/ ERC-50SW	100	7	223.0	6.6	37/50	1350	1000	1640	1060	1 1/4"
	116	8	218.9	6.2						
	145	10	201.3	5.7						
	181	12.5	162.4	4.6						
ERC-60SA/ ERC-60SW	100	7	282.7	8.0	45/60	1300	1000	1470	1150	1 1/2"
	116	8	271.9	7.7						
	145	10	243.6	6.9						
	181	12.5	211.9	6.0						
ERC-75SA/ ERC-75SW	100	7	370.8	10.5	55/75	1950	1320	1570	1750	2"
	116	8	346.0	9.8						
	145	10	307.2	8.7						
	181	12.5	257.8	7.3						
ERC-100SA/ ERC-100SW	100	7	480.2	13.6	75/100	1950	1320	1570	1840	2"
	116	8	459.0	13.0						
	145	10	399.0	11.3						
	181	12.5	356.6	10.1						
ERC-120SA/ ERC-120SW	100	7	572.0	16.2	90/120	2100	1320	1700	2030	2"
	116	8	543.8	15.4						
	145	10	466.1	13.2						
	181	12.5	395.5	11.2						

Certification: CE/ISO9001/TUV/UL/SGS/ASME

Voltage: 380V/3PH/50HZ/60HZ 220V/3PH/50HZ/60HZ 400V/3PH/50HZ/60HZ 440V/3PH/50HZ/60HZ 415V/3PH/50HZ/60HZ 230V/3PH/50HZ/60HZ