

BELT LOW PRESSURE SCREW AIR COMPRESSOR



Low pressure screw compressor series is a new compressor produced according to the national policy of energy saving, emission reduction and environment protection. It changes the traditional compressor with relatively high pressure. It transfers the compressed air after pressure reduction to the air consumer, which wastes large amounts of energy.

The low pressure screw compressor can be distributed according to the air pressure of the user, to satisfy the process flow with minimum energy. The manufacturing cost of your product can be largely improved. For example, if your process system only needs 3bar pressure and the used compressor can provide 7bar, then it can be reduced to 3bar, it may take two times power to satisfy your process system. You can choose our low pressure screw compressor only to consume half of the power, and the air pressure in the process system can still be ensured, thus realizing energy saving and emission reduction.

Model	Air delivery /Working pressure				Motor power				Cooling air volume	Cooling water volume	connect pipe diam.	Weight	Dimension(mm)		
	m ³ /min/bar												KW	m3/min	Kg
ERC-10SA	1.5/5	1.87/4	1.9/3.5	2.1/3	7.5	72±5dB(A)testing according to the international GB/T4980-2003 standard	Y-Δ starting	<3ppm	Ambient temperature+15℃		3/4"	460	850	640	880
ERC-15SA	2.4/5	2.7/4	2.7/3.5	3.2/3	11					50	1"	460	1150	700	1180
ERC-20SA	3.3/5	3.5/4	3.6/3.5	4.2/3	15					50	1"	645	1150	700	1180
ERC-25SA	4.1/5	4.4/4	4.6/3.5	5.5/3	18.5					110	1"	665	1200	850	1280
ERC-30SA	4.8/5	5.5/4	5.2/3.5	6.55/3	22					110	1"	710	1380	850	1150
ERC-30SW	4.8/5	5.5/4	5.2/3.5	6.55/3	22						1"	710	1380	850	1150
ERC-40SA	6.55/5	7.1/4	7.0/3.5	8.6/3	30					145	1 1/4"	1060	1380	850	1150
ERC-40SW	6.55/5	7.1/4	7.0/3.5	8.6/3	30						1 1/4"	1060	1380	850	1150
ERC-50SA	7.9/5	9.0/4	8.5/3.5	10.7/3	37					145	1 1/4"	1150	1595	1000	1365
ERC-50SW	7.9/5	9.0/4	8.5/3.5	10.7/3	37						1 1/4"	1150	1595	1000	1365
ERC-60SA	10.5/5	11.6/4	9.4/3.5	13.8/3	45					185	1 1/2"	1750	1595	1000	1365
ERC-60SW	10.5/5	11.6/4	9.4/3.5	13.8/3	45						1 1/2"	1750	1595	1000	1365
ERC-75SA	12.6/5	14.0/4	14.0/3.5	17.45/3	55					220	2"	2030	2100	1250	1700
ERC-75SW	12.6/5	14.0/4	14.0/3.5	17.45/3	55						2"	2030	2100	1250	1700
ERC-100SA	17.3/5	19.0/4	20.5/3.5	22.2/3	75					250	DN65	3030	2545	1450	1900
ERC-100SW	17.3/5	19.0/4	20.5/3.5	22.2/3	75						DN65	3030	2545	1450	1900
ERC-120SA	22.2/5	24.0/4	27.0/3	36.5/3	90					270	DN80	3320	2545	1450	1900
ERC-120SW	22.2/5	24.0/4	27.0/3	36.5/3	90						DN80	3320	2545	1450	1900

Voltage V/HZ /PH : 380/50/3 220/60/3 440/50/3 etc or Two kinds of voltage reverse According to customer inquiry