DG TECH MACHINERY

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PERMANENT MAGNET

DOUBLE STAGE
Screw Air Compressor



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COMPANY PROFILE

Quanwei Group is located in Kaohsiung, Taiwan, China, and was established in 1986.
In 2016, we set up a branch in Jiangsu, China, mainly producing and developing screw air compressors. Its Minli Sheng company is responsible for sales, mainly with Quanwei brand, Yongying brand and so on.

Quanwei Company was awarded the honorary title of outstanding contribution by the local government, a number of invention patents, national high-tech enterprises, specialized special new, private science and technology enterprises. Good quality, a bigger market.
Welcome customers at home and abroad to visit and guide.

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TWO-STAGE COMPRESSION PERMANENT MAGNET SCREW AIR COMPRESSOR





Quan Wei Yong magnetic frequency conversion double stage compressor parameter table

Model	KW	HP	MPA	m³/min	Dimension (mm)	dB(A)	inch	Weight (kg)	remark
QWS-20ZY	15	20	0.7	1.1-3.2	1500*1000*1400	65±3	G1 1/4	680	
			0.8	1.0-2.9					
			1.0	0.9-2.5					
			1.3	0.8-2.2					
QWS-30ZY	22	30	0.7	1.6-4.5	1500*1000*1400	65±3	G1 1/4	780	
			0.8	1.5-4.2					
			1.0	1.2-3.5					
			1.3	1.2-3.4					
QWS-40ZY	30	40	0.7	2.4-6.9	1900*1260*1400	65±3	G1 1/2	820	
			0.8	2.2-6.3					
			1.0	1.8-5.2					
			1.3	1.6-4.5					
QWS-50ZY	37	50	0.7	2.8-8.1	1900*1260*1400	68±3	G1 1/2	1200	
			0.8	2.6-7.5					
			1.0	2.2-6.4					
			1.3	2.0-5.6					
QWS-60ZY	45	60	0.7	3.6-10.2	2100*1500*1600	68±3	G2	1600	
			0.8	3.4-9.8					
			1.0	2.8-8.1					
			1.3	2.5-7.2					
QWS-75ZY	55	75	0.7	4.5-12.8	2100*1500*1600	72±3	G2	1780	
			0.8	4.4-12.5					
			1.0	3.4-9.6					
			1.3	3.2-9.1					

Quan Wei Yong magnetic frequency conversion double stage compressor parameter table

Model	KW	HP	MPA	m³/min	Dimension (mm)	dB(A)	inch	Weight (kg)	remark
QWS-100ZY	75	100	0.7	6.1-17.5	2200*1500*1670	72±3	DN50	1960	
			0.8	5.8-16.6					
			1.0	4.4-12.5					
			1.3	4.0-11.5					
QWS-125ZY	90	125	0.7	7.3-20.8	2460*1670*1700	74±3	DN80	2350	
			0.8	7.0-19.9					
			1.0	5.9-16.8					
			1.3	5.0-14.3					
QWS-150ZY	110	150	0.7	8.7-24.8	2460*1670*1700	74±3	DN80	2450	
			0.8	8.4-23.9					
			1.0	7.1-20.2					
			1.3	6.5-18.5					
QWS-175ZY	132	175	0.7	10.6-30.2	2950*1900*2000	76±3	DN80	3250	
			0.8	9.9-28.4					
			1.0	8.3-23.8					
			1.3	7.1-20.2					
QWS-200ZY	160	200	0.7	12.1-34.5	2950*1900*2000	76±3	DN80	4020	
			0.8	11.8-33.6					
			1.0	10.7-30.6					
			1.3	8.5-24.2					
QWS-250ZY	185	250	0.7	14.8-42.3	3370*2070*2300	82±3	DN100	4850	
			0.8	13.7-39.1					
			1.0	11.7-33.5					
			1.3	10.3-29.5					
QWS-275ZY	200	275	0.7	15.9-45.5	3370*2070*2300	82±3	DN100	5400	
			0.8	15.1-43.2					
			1.0	13.8-39.5					
			1.3	12.0-34.2					
QWS-300ZY	220	300	0.7	17.8-50.8	3370*2070*2300	84±3	DN100	6100	
			0.8	16.6-47.5					
			1.0	14.9-42.5					
			1.3	13.5-38.5					
QWS-350ZY	250	350	0.7	19.5-55.8	4120*2200*2350	84±3	DN125	6800	
			0.8	19.1-54.5					
			1.0	16.4-46.8					
			1.3	14.5-41.5					
QWS-375ZY	280	375	0.7	22.1-63.2	4120*2200*2350	86±3	DN125	7650	
			0.8	21.5-61.5					
			1.0	19.5-55.8					
			1.3	16.1-46.1					
QWS-425ZY	315	425	0.7	25.3-72.3	4120*2200*2350	86±3	DN125	8450	
			0.8	23.9-68.2					
			1.0	21.5-61.3					
			1.3	18.8-53.8					
QWS-475ZY	355	475	0.7	27.0-77.2	4350*2350*2500	86±3	DN150	9180	
			0.8	25.7-73.4					
			1.0	22.6-64.5					
			1.3	20.1-57.5					
QWS-525ZY	400	525	0.7	30.3-86.7	4350*2350*2500	86±3	DN150	10380	
			0.8	28.2-80.5					
			1.0	29.2-73.5					
			1.3	30.2-63.2					

Remarks:

The volume flow rate (Fad) is tested according to the requirements of IS001217 [GB/T 3853] under load conditions. According to the different working conditions of the industry, the relevant parameters may be adjusted to provide the appearance chart, the noise value is the standard test conditions, the specific use will be different because of the installation conditions.

Other exhaust pressure (up to 12. 5 bar) units, welcome to negotiate, our products continue to improve, reserve the right to design, parameters are subject to change without notice.

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INTEGRATED AIR COMPRESSOR

FOUR IN ONE

Four-in-one integrated screw air compressor, set screw machine, cold and dry machine, precision filter and gas storage tank in one, plug and play, storage, saving space.



TECHNICAL PARAMETER

Model	KW	Horse-power	m^3/min	Dimension (mm)	Weight (kg)	dB(A)	Horizontal tank (L)	remark
QWL-6ZCY	4	6HP	0.6	1500*580*1180	220	62±2	230	Four in one with wheels
QWL-10ZCY	7.5	10HP	1.2	1500*580*1180	220	62±2	230	Four in one with wheels
QWL-6ZCY	4	6HP	0.6	1500*580*1180	220	62±2	230	Two in one with wheels
QWL-10ZCY	7.5	10HP	1.2	1500*580*1180	220	62±2	230	Two in one with wheels

The above parameters are for reference. If the technical changes are made without further notice, the actual nameplate shall prevail

INTERIOR DISPLAY



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Installation diagram of compressed air purification equipment system



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