



**Dishaa®**

# AIR COMPRESSOR

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## Belt driven compressor



## Screw Air compressor



### Technical Parameters

MODEL	POWER			SPEED			THEORETIC AIR DISPLACEMENT		MAX PRESSURE		TANK		WEIGHT		DIMENSIONS	
	Hp	Kw	Rpm	L/min	CFM	Bar	Psi	L	Gal	Kg	LxWxH(cm)					
Z-0.036/8	1.0	0.75	950	74	2.6	8	115	40	10.7	43	72x38x49					
V-0.12/8	1.5	1.1	950	202	7.1	8	115	60	16.0	67	95x41x73					
V-0.17/8	2.0	1.5	1020	207	7.3	8	115	70	18.5	72	102x42x76					
V-0.25/8	3.0	2.2	1020	320	11.3	8	115	100	26.0	88	110x40x83					
W-0.67/8	7.5	5.5	850	859	30.3	8	115	200	52.0	185	137x57x101					
W-0.8/8	10	7.5	850	1087	38.4	8	115	300	78.0	220	166x57x108					
W-1.0/8	10	7.5	850	1120	39.5	8	115	300	78.0	308	180x62x115					

### Technical Parameters

MODEL	POWER			SPEED			THEORETIC AIR DISPLACEMENT		MAX PRESSURE		TANK		WEIGHT		DIMENSIONS	
	Hp	Kw	Rpm	L/min	CFM	Bar	Psi	L	Gal	Kg	LxWxH(cm)					
W-0.36/8	4.0	3.0	1100	503	17.8	8	115	150	39.0	112	131x46x88					
V-0.6/8	5.5	4.0	850	725	25.6	8	115	200	52.0	130	135x50x98					
W-1.6/8	15	11	800	1807	63.8	8	115	500	130.0	420	196x75x131					
W-2.0/8	20	15	800	2440	86.2	8	115	500	130	482	196x75x141					
V-1.05/12.5	10	7.5	750	1325	46.8	12.5	115	300	78.0	325	180x71x122					

## Belt driven compressor



## Screw Air compressor



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	Hp	Kw	Rpm	L/min	CFM	Bar	Psi	L	Gal	Kg	LxWxH(cm)					
V-0.25/12.5	3.0	2.2	1020	160	5.6	12.5	180	100	26.0	88	110x40x83					
W-0.36/12.5	4.0	3.0	1100	336	11.9	12.5	180	150	39.0	112	131x46x88					
<b>PRODUCT PERFORMANCE</b>																
Power(KW/HP)			JBL2055			JBL2065			JBL2070		JBL2080		JBL2090			
1.5/2.0			2.2/3.0			3.0/4.0			4.0/5.5		5.5/7.5					
Cylinder dia>No.Mm			55x2			65x2			70x2		80x2		90x2			
Max pressure(bar/psi)			8/116			8/116			8/116		8/116		8/116			
Air Displacement(Ll/min)			180			340			420		580		750			
speed(rpm)			1030			1030			900		900		900			
Tank(L)			50			100			100		200		300			
net weight(kg)			45			76			77		165		220			
Dimension(LxWxH-cm)			83x40x64			108x42x74			108x42x74		136x56x102		166x57x108			

### Technical Parameters

MODEL	POWER			SPEED			THEORETIC AIR DISPLACEMENT		MAX PRESSURE		TANK		WEIGHT		DIMENSIONS	
	Hp	Kw	Rpm	L/min	CFM	Bar	Psi	L	Gal	Kg	LxWxH(cm)					
W-0.67/12.5	7.5	5.5	850	573	20.2	12.5	180	200	52.0	185	137x57x101					
W-0.9/12.5	10	7.5	850	730	25.6	12.5	180	300	78.0	220	166x57x108					
W-1.0/12.5	10	7.5	850	850	30.0	12.5	180	300	78.0	308	180x62x115					
FGP170	4	5.5	1100	207	7.3	8	115	100	26	85	110x40x88					
FGP250	4	5.5	1100	320	11.3	8	115	100	26	87	110x40x88					
FGP360	4.8	6.5	1050	503	17.8	8	115	100	26	95	110x40x95					

## Oil-injected Screw Air Compressor

## Permanent Magnet VSD screw compressor



Technical Parameters										
Model	Parameter	RK100E	RK125E	RK150E	RK175E	RK200E	RK250E	RK300E	RK400E	RK500E
Air delivery/ Discharge pressure (m³/min/bara)	13.4/0.7 16.2/0.7 21.6/0.7 24.5/0.7 28.2/0.7 32.7 36.6/1.1 42.9/1.1 51.0/1.2 64.6/1.2									
Discharge pressure (bara)	12.6/0.8 15.0/0.8 18.9/0.8 23.2/0.8 27.6/0.8 30.4/0.8 34.3/0.8 40.5/0.8 56.5/1.0 61.0/0.8									
Power (kW/hp)	11.2/1.0 13.8/1.0 17.4/1.0 20.5/1.0 24.6/1.0 27.4/1.0 30.2/1.0 38.2/1.0 44.5/1.0 56.5/1.0									
Leaving air temp (°C)	10.0/1.2 12.3/1.2 14.8/1.2 17.4/1.2 21.5/1.2 24.8/1.2 27.7/1.2 34.5/1.2 39.5/1.2 49/1.2									
Leaving air capacity (l/s)	45 60 80 100 120 150									
Noise (dB(A))	72 ± 2 75 ± 2									
Driving mode	Direc Drive									
Power Supply	380V/50Hz Customizable									
Power (kW/hp)	75/100 90/125 110/150 132/175 160/200 185/250 220/300 250/350 315/430 355/480									
Startup mode	Y-△ Start									
Fan power(kw)	1.5 2.2 0.75*2 0.75*2									
Fan air flow(m³/min)	182 270 500 600									
Safety Protection	Over Current Protection, Safety Valve, Relief Valve, High Discharge Temperature & Pressure Protection, Phase Loss/Phase Reversal/Phase Sequence Monitoring									
Dimensions (mm)	L:1980 W:1230 H:1670	2480 1470 1940	2500 1880 2080	2950 2040	3000 2400	3500 2850	3600 3050	4000 3400	4500 3800	5000 4200
Weight(kg)	1800 1900 2500 2700 3000 3500 4000 4500 6000 6500									
Outer pipe diameter	G2 62-1/2									

## Two stage compression Screw Air Compressor

## RD Series low pressure screw air compressor



Technical Parameters										
Model	Parameter	RK20V-II	RK25V-II	RK30V-II	RK35V-II	RK40V-II	RK50V-II	RK75V-II	RK100V-II	
Air delivery/ Discharge pressure (m³/min/bara)	3m/10.7mpa 3.6m/10.7mpa 4.2m/10.7mpa 6.5m/10.7mpa 7.2m/10.7mpa 9.8m/10.7mpa 12.8m/10.7mpa 17.5m/10.7mpa									
Discharge pressure (bara)	2.9m/0.7mpa 3.5m/0.7mpa 4.1m/0.7mpa 6.4m/0.7mpa 7.1m/0.7mpa 9.7m/0.7mpa 12.5m/0.7mpa 16.5m/0.7mpa									
Power (kW/hp)	2.4m/11.1mpa 2.9m/11.1mpa 3.5m/11.1mpa 4.9m/11.1mpa 6.3m/11.1mpa 7.8m/11.1mpa 9.6m/11.1mpa 12.5m/11.1mpa									
Leaving air temp (°C)	2.2m/11.3mpa 2.5m/11.3mpa 3.2m/11.3mpa 4.2m/11.3mpa 5.4m/11.3mpa 6.5m/11.3mpa 8.6m/11.3mpa 11.2m/11.3mpa									
Leaving air capacity (l/s)	18 30 65									
Noise (dB(A))	68 ± 2									
Driving mode	Direc Drive									
Power Supply	380V/50Hz Customizable									
Power (kW/hp)	5.5/7 7.5/10 11/15 15/20 18.5/25 22/30 30/40 37/50 45/60 55/75									
Startup mode	Y-△ Start									
Fan power(kw)	0.07 0.15 0.26 0.26 0.38 0.38 0.38 0.75 0.75 1.5									
Fan air flow(m³/min)	39 75 75 107 107 107 107 182 182									
Safety Protection	Over Current Protection, Safety Valve, Relief Valve, High Discharge Temperature & Pressure Protection, Phase Loss/Phase Reversal/Phase Sequence Monitoring									
Dimensions (mm)	L:780 W:600 H:980	940 750 850	1140 1000 1120	1340 1560 1740	1560 1740	1740 1920	1920 2080	2080 2350	2350 2700	2700 3150
Weight(kg)	200 240 400 500 600 800 1600									
Outer pipe diameter	G1/2 0.75	G1 0.75	G1 0.75	G1 0.75	G1 0.75	G1 0.75	G1 0.75	G1 0.75	G1 0.75	G1 0.75

### Technical Parameters

Model	Parameter	RD30V-3	RD40V-3	RD50V-3	RD60V-3	RD75V-3	RD100V-3	RD125V-3	RD150V-3	RD175V-3	
Exhaust volume (m³)	6.5	8	10	13	16	22	26	32	40		
Exhaust pressure (bara)	2.5-3.5	2.5-3.5	2.5-3.5	2.5-3.5	2.5-3.5	2.5-3.5	2.5-3.5	2.5-3.5	2.5-3.5		
Power (kW)	22*1.2	30*1.2	37*1.2	45*1.2	55*1.2	75*1.2	90*1.2	110*1.2	132*1.2		
L mm	1460	1600	1980	2260	2620	2960	3210				
W mm	1080	1260	1360	1460	1620	1830	1940				
H mm	1460	1560	1760	1840	1920	2020	2200				
Outlet pipe diameter	DN50	DN50	DN65	DN65	DN80	DN100	DN125	DN125	DN125		
Weight(kg)	720	920	1450	1620	1800	2200	2500	3000	3500		
Model	Parameter	RD20V-5	RD30V-5	RD40V-5	RD50V-5	RD60V-5	RD75V-5	RD100V-5	RD125V-5	RD150V-5	RD200V-5
Exhaust volume (m³)	3.6	5.2	7.2	8.4	10	13	16	20	24	30	35
Exhaust pressure (bara)	4-5.5										
Power (kW)	19*1.2	22*1.2	30*1.2	37*1.2	45*1.2	55*1.2	70*1.2	110*1.2	132*1.2	160*1.2	185*1.2
L mm	1340	1560	1740	1980	2340	2550	2800				
W mm	850	1000	1150	1260	1500	1590	1880				
H mm	1160	1290	1460	1560	1840	1920	2080				
Outlet pipe diameter	DN25	DN40	DN40	DN50	DN65	DN65	DN80	DN80	DN80	DN100	DN100
Weight(kg)	550	920	980	1280	1450	1620	1800	2200	2500	3000	3500

## 2 in 1 Screw Air Compressor



### Technical Parameters

Model Parameter	Power kw	Maximum working pressure Mpa	Exhaust volume m³/min	Storage tank capacity L	Outlet diameter
RG10E	7.5	0.8	1.1	170	R3/4(DN20)
		1.0	0.95		
		1.2	0.8		
RG15E	11	0.8	1.5	290	R1(DN25)
		1.0	1.3		
		1.2	1.1		
RG20E	15	0.8	2.3	290	R1(DN25)
		1.0	2.1		
		1.2	1.72		
RG30E	22	0.8	3.6	380	R1(DN25)
		1.0	3.2		
		1.2	2.7		

## 4 in 1 Screw Air Compressor

### Technical Parameters

Model Parameter	Power kw	Maximum working pressure Mpa	Exhaust volume m³/min	Storage tank capacity L	Outlet diameter
RG10EF	7.5	0.8	1.1	250	R3/4(DN20)
		1.0	0.95		
		1.2	0.8		
RKG10EF		1.6	0.5		
RG15EF	11	0.8	1.5	340	R3/4(DN20)
		1.0	1.3		
		1.2	1.1		
RKG15EF		1.6	0.85		
RG20EF	15	0.8	2.3	340	R3/4(DN20)
		1.0	2.1		
		1.2	1.72		
RKG20EF		1.6	1.35		
RG30EF	22	0.8	3.6	480	R1(DN25)
		1.0	3.2		
		1.2	2.7		
RKG30EF		1.6	1.8		