

TECHNICAL SPECIFICATIONS FOR FIXED SPEED COMPRESSORS

Compressor Model	Normal Working Pressure	Capacity	Max Working Pressure	Noise Level	Installed Motor Power	Compressor Size	Weight
	BAR	CFM	BAR	db (A)	KW / HP	L x W x H	Kgs
KSD 10	7 - 10 - 12	42.2 - 36.0 - 28.2	8 - 11 - 13	67	7.5 / 10	800 x 600 x 1050	310
KSD 15	7 - 10 - 12	69.4 - 58.0 - 52.8	8 - 11 - 13	69	11 / 15	1000 x 800 x 1310	450
KSD 20	7 - 10 - 12	90.7 - 76.2 - 68.9	8 - 11 - 13	69	15 / 20	1000 x 800 x 1310	500
KSD 25	7 - 10 - 12	114.2 - 96.8 - 85.4	8 - 11 - 13	71	18.5 / 25	1360 x 800 x 1330	650
KSD 30	7 - 10 - 12	132.0 - 114.2 - 100.8	8 - 11 - 13	71	22 / 30	1360 x 800 x 1330	650
KSD 35	7 - 10 - 12	152.0 - 130.0 - 116.0	8 - 11 - 13	71	26 / 35	1360 x 800 x 1330	650
KSD 40	7 - 10 - 12	198.2 - 175.8 - 160.4	8 - 11 - 13	71	30 / 40	1500 x 1000 x 1450	820
KSD 50	7 - 10 - 12	242.4 - 213.8 - 193.0	8 - 11 - 13	72	37 / 50	1500 x 1000 x 1450	900
KSD 60	7 - 10 - 12	280.6 - 236.3 - 211.2	8 - 11 - 13	72	45 / 60	1500 x 1000 x 1450	1080
KSD 75	7 - 10 - 12	358.0 - 304.0 - 260.8	8 - 11 - 13	73	55 / 75	1800 x 1150 x 1680	1520
KSD 100	7 - 10 - 12	477.2 - 398.6 - 342.2	8 - 11 - 13	73	75 / 100	2000 x 1210 x 1750	1880

- KSD 10 are Belt drive and KSD 15 onwards are Direct Drive
- Power Requirement:- (PH/V/Hz) 3/400/50
- Noise Level Tolerance 3 dB

- Capacity Measured as per ISO 1217 Annexure C, Edition 3
- Note: Due to Continuous Product Upgradation, specifications may Change without prior notice

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We reserve the right to modify the specifications in accordance with improved designs. Although every effort will be made to maintain the accuracy in the data given, the figures are in no way binding. The claims are as per our knowledge and for any variances, we are not bound in any way.

Other Products



BUILT TO PERFORM...

INDUSTRIAL SCREW AIR COMPRESSORS

Reliable & Energy Efficient Compressed Air Solutions

7.5KW TO 75KW / 10HP TO 100HP



Sales > Services > Spares

OIL INJECTED SCREW AIR COMPRESSOR

Highlight features of screw compressors

- » Built with European Quality standards
- » One Year/4000 hours warranty and free service
- » Screw element life for over 6 years or 30000 hours
- » Lowest possible Maintenance Cost
- » Large Pre Filter to increase life of internal components
- » Easy access to all components, doors open from all sides

High Efficiency Combi Cooler

- Oversized Coolers designed for High Ambient Temperatures upto 48° C

Complete Stainless Steel Piping

- No Rubber Hoses
- Less maintenance cost

Low Speed - Direct Drive Screw Element

- Low maintenance cost
- Increased life of bearing



Touch Screen Controller

- Large Display Size
- Auto restart/ remote start stop available
- Additional parameters such as amperes/voltage and power displayed for main motor and fan motor
- consumable lifetime/service due Indicator

Radial Fan / Axial Fan

- High Efficiency Radial Fan in VFD & actual fan in fixed speed
- VFD Controlled (25 HP Onwards)
- No Thermostat
- Fan Start/Stops on the basis of temperature

High Efficiency Motor

- IE3 for fixed speed compressor
- Permanent magnet IE4 High Efficiency Motor for VFD

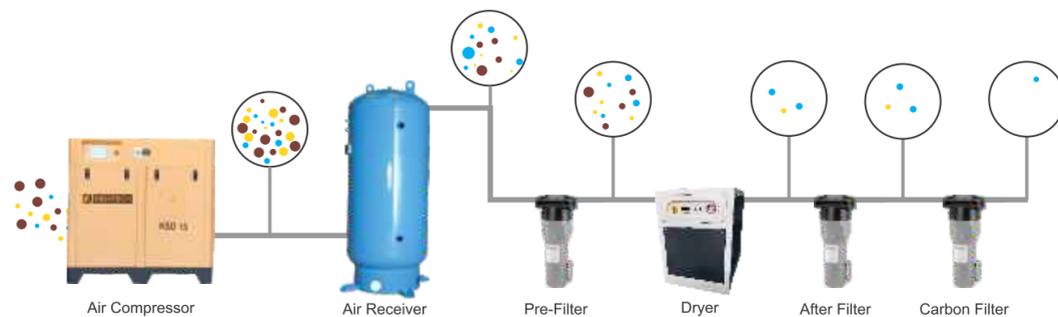
Energy Efficient Drive

- Specially designed for compressor application
- Safety protections like Single Phasing, Motor Overload, Current imbalance, over voltage, low voltage, High Pressure Tripping

High Efficiency Oil Separator

- Less Oil Carryover

Typical Compressed Air Supply System



Comparison of Fixed Speed and VFD Compressors in 5 Years

