



KONAIR

COMPRESSOR



ALWAYS
PROVIDE
THE BEST

konaircompressor.com

DS-V SERIES

DOUBLE STAGE
SCREW COMPRESSORS

DS-V SERIES DOUBLE STAGE SCREW COMPRESSORS

Konair two stage oil injected compressors range has been designed with a focus on operational safety and efficiency in demanding application.

The innovative clear construction delivers state- of- the- art performance, in-debt control and outstanding reliability.

The Konair double stage save running energy cost by offering minimum 15% more compressed air
The double stage air ends engineered by Konair, works at constant low temperature levels and lowers of the compressor's life cycle costs.

Konair double stage compressors offer easy servicing and full warranty cover, operators eliminate all possible risks to their business.

Pressure Range:

6- 15-25-35 bar (g) /
87-217-362-507 PSI (G)

Volume Flow:

553 - 3715 m³/h /
325 - 2187 CFM

Motor Power Range:

45-315 kW



MINIMUM 15% AIR FLOW



No matter what industrial sector, every user like to have more air flow by saving from electric cost, there is growing demand at that direction. Where it is need Konair double stage screw compressors offer more air flow by consuming same power comparing to single stage

CHOOSE THE KON DS-V SERIES AND SAVE FROM ELECTRIC COST!

You can start energy saving from first working day by Konair double stage screw compressors.

Konair have been designing and supplying double stage screw compressor for 15 years. Thanks to that knowledge the KON DS-V series has been continuously developed and achieves cutting edge performance and efficiency

- √ Premium efficiency two stage air end
- √ Unique design provide 5 years air end warranty with use KONOIL™
- √ High quality IE3 Electrical motor is standard, IE4 quality is optional.
- √ Efficient cooling for high temperatures of up to 45 °C
- √ Air cooling or water cooling options
- √ CE marking is standard, ASME is optional



HIGH OUTPUT TWO STAGE AIR END DESIGN



- Strong construction and unique design provide long working life time, air end bearing change at every 40.000 hours by use of KONOIL™
- High reliability thanks to constant low temperatures

EASY INSTALLATION AND EASY SERVICING

- Small footprint and compact size
- All connections on side
- Hot out let from top for easy ducting
- Perfect service accessibility
- Low number of parts and consequently less to service
- Long-term service interval

EXCELLENT COOLING

Radial cooling fans are using for efficient cooling in hot temperatures

- In accordance with ErP Efficiency legislation 2015
- Low noise level
- Low pressure loss
- Speed regulated fan for minimizing the power consumption, optional

Water cooling provide high quality Shell and tube heat exchangers.

- Independent from ambient temperature
- Noise level

DS SERIES DOUBLE STAGE SCREW COMPRESSORS

Model	Working Pressure	Flow m ³ /min	Motor Power Kw-hp	Noise Level dBA	Dimensions	Weight
DS 45	8 bar	9.19	45 KW 60 HP	70	W:1600 mm L:2300 mm H:2500 mm	4340 kg.
	10 bar	7.36				
	13 bar	7.29				
	15 bar	6.40				
DS 55	8 bar	11.92	55 KW 75 HP	70	W:1600 mm L:2500 mm H:2600	4580 kg
	10 bar	8.98				
	13 bar	7.30				
	15 bar	6.90				
DS 75	8 bar	15.78	75 KW 100 HP	70	W:1800 mm L:2800 mm H:2600 mm	4715kg
	10 bar	11.66				
	13 bar	11.48				
	15 bar	10.50				
DS 90	8 bar	18.05	90 KW 125 HP	70	W:2100 mm L:2800 mm H:2700 mm	4800 kg
	10 bar:	15.20				
	13 bar	15.00				
	15 bar:	14.00				
DS 110	8 bar	21.71	110 KW 150 HP	70	W:2100 mm L:2800 mm H:2700mm	4900 kg
	10 bar:	18.90				
	13 bar	17.50				
	25 bar	14.10				
	35 bar	12.00				
DS 132	8 bar	26.47	132 KW 180 HP	70	W:2200 mm L:3100 mm H:2700 mm	5000 kg.
	10 bar	21.28				
	13 bar	18.62				
	25 bar	16.40				
	35 bar	13.50				
DS 160	8 bar	31.49	160 KW 220 HP	70	W:2200mm L:3200 mm H:2700 mm	5175 kg.
	10 bar	27.12				
	13 bar	25.69				
	25 bar	19.80				
	35 bar	17.40				
DS 200	8 bar	40.20	200 KW 270 HP	71	W:2200 mm L:3400 mm H:2850 mm	5325 kg.
	10 bar	35.22				
	13 bar	31.53				
	25 bar	23.50				
	35 bar:	20.10				
DS 250	8 bar	51.00	250 KW 340 HP	71	W:2200 mm L:3400 mm H:2850 mm	5475 kg.
	10 bar	45.10				
	13 bar	35.20				
	25 bar	30.50				
	35 bar	26.50				
DS 315	8 bar	61.61	315 KW 430 HP	71	W:2200 mm L:3400 mm H:2850 mm	5575 kg.
	10 bar	54.02				
	13 bar	45.10				
	25 bar	36.20				
	35 bar	31.00				

DS-V SERIES DOUBLE STAGE SCREW COMPRESSORS WITH INVERTER CONTROL

Model	Working Pressure	Flow m ³ /min	Motor Power Kw-hP	Noise Level dBA	Dimensions	Weight
DS 45V	8 bar	9.19	45 KW 60 HP	70	W:1800 mm L:2300 mm H:2500 mm	4400 kg.
	10 bar	7.36				
	13 bar	7.29				
	15 bar	6.40				
DS 55V	8 bar	11.92	55 KW 75 HP	70	W:1800 L:2500 H:2600	4650 kg
	10 bar	8.98				
	13 bar	7.30				
	15 bar	6.90				
DS 75V	8 bar	15.78	75 KW 100 HP	70	W:2000 mm L:2800 mm H:2600 mm	4800 kg
	10 bar	11.66				
	13 bar	11.48				
	15 bar	10.50				
DS 90V	8 bar	18.05	90 KW 125 HP	70	W:2100 mm L:3000 mm H:2700 mm	5000 kg
	10 bar:	15.20				
	13 bar	15.00				
	15 bar:	14.00				
DS 110V	8 bar	21.71	110 KW 150 HP	70	W:2100 mm L:3000 mm H:2700mm	5080 kg
	10 bar:	18.90				
	13 bar	17.50				
	25 bar	14.10				
	35 bar	12.00				
DS 132V	8 bar	26.47	132 KW 180 HP	70	W:2200 mm L:3200 mm H:2700 mm	5200kg.
	10 bar	21.28				
	13 bar	18.62				
	25 bar	16.40				
	35 bar	13.50				
DS 160V	8 bar	31.49	160 KW 220 HP	70	W:2200mm L:3300 mm H:2700 mm	5375 kg.
	10 bar	27.12				
	13 bar	25.69				
	25 bar	19.80				
	35 bar	17.40				
DS 200V	8 bar	40.20	200 KW 270 HP	71	W:2200 mm L:3500 mm H:2850 mm	5.700 kg.
	10 bar	35.22				
	13 bar	31.53				
	25 bar	23.50				
	35 bar:	20.10				
DS 250V	8 bar	51.00	250 KW 340 HP	71	W:2200 mm L:3500 mm H:2850 mm	6000 kg.
	10 bar	45.10				
	13 bar	35.20				
	25 bar	30.50				
	35 bar	26.50				
DS 315V	8 bar	61.61	315 KW 430 HP	71	W:2200 mm L:3500 mm H:2850 mm	6500 kg.
	10 bar	54.02				
	13 bar	45.10				
	25 bar	36.20				
	35 bar	31.00				



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