



# KONAIR

COMPRESSOR



ALWAYS  
PROVIDE  
**THE BEST**

[konaircompressor.com](http://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 -35 bar / 87-507 psi

### Volume Flow:

553 -3715 m3/h  
325 - 2187 CFM

### Motor power:

45 -315 KW



## MINIMUM 15% MORE 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 5 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 of 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 at one 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 <sup>3</sup> /min	Motor Power Kw-hp	Noise Level dBA	Dimensions	Weight
DS 45	8 bar	9.14	45 KW 60 HP	70	W:1600 mm L:2300 mm H:2500 mm	4340 kg.
	10 bar	7.36				
	12 bar	7.29				
	15 bar	5.65				
DS 55	8 bar	11.86	55 KW 75 HP	70	W:1600 mm L:2500 mm H:2600 mm	4580 kg
	10 bar	8.98				
	12 bar	8.89				
	15 bar	7.22				
DS 75	8 bar	15.70	75 KW 100 HP	70	W:1800 mm L:2800 mm H:2600 mm	4715 kg
	10 bar	11.66				
	12 bar	11.54				
	15 bar	11.48				
DS 90	8 bar	17.96	90 KW 125 HP	70	W:2100 mm L:2800 mm H:2700 mm	4800 kg
	10 bar:	15.20				
	12 bar	15.05				
	15 bar:	13.80				
DS 110	8 bar	21.60	110 KW 150 HP	70	W:2100 mm L:2800 mm H:2700mm	4900 kg
	10 bar:	18.90				
	12 bar	17.51				
	25 bar	13.10				
	35 bar	12.00				
DS 132	8 bar	25.35	132 KW 180 HP	70	W:2200 mm L:3100 mm H:2700 mm	5000 kg.
	10 bar	21.28				
	12 bar	21.06				
	25 bar	18.40				
	35 bar	16.40				
DS 160	8 bar	31.33	160 KW 220 HP	70	W:2200 mm L:3200 mm H:2700 mm	5175 kg.
	10 bar	27.12				
	12 bar	25.69				
	25 bar	17.40				
	35 bar	19.80				
DS 200	8 bar	40.00	200 KW 270 HP	71	W:2200 mm L:3400 mm H:2850 mm	5325 kg.
	10 bar	35.22				
	12 bar	31.53				
	25 bar	21.10				
	35 bar:	23.10				
DS 250	8 bar	45.60	250 KW 340 HP	71	W:2200 mm L:3400 mm H:2850 mm	5475 kg.
	10 bar	45.10				
	12 bar	39.20				
	25 bar	24.30				
	35 bar	26.50				
DS 315	8 bar	54.60	315 KW 430 HP	71	W:2200 mm L:3400 mm H:2850 mm	5575 kg.
	10 bar	54.02				
	12 bar	49.30				
	25 bar	26.50				
	35 bar	30.00				

Data measured and stated in accordance with ISO 1217 Edition 4 Annex C and Annex 1 and following condition:  
Air intake pressure 1 bar(a), Air intake temperature 20 °C, Humidity 60%

## DS-V SERIES INVERTER CONTROLLED DOUBLE STAGE SCREW COMPRESSORS

Model	Working Pressure	Flow m <sup>3</sup> /min	Motor Power Kw-hP	Noise Level dBA	Dimensions	Weight
DS 45V	8 bar	9.14	45 KW 60 HP	70	W:1800 mm L:2300 mm H:2500 mm	4400 kg
	10 bar	7.36				
	12 bar	7.29				
	15 bar	5.65				
DS 55V	8 bar	11.86	55 KW 75 HP	70	W:1800 mm L:2500 mm H:2600 mm	4650 kg
	10 bar	8.98				
	12 bar	8.89				
	15 bar	7.22				
DS 75V	8 bar	15.70	75 KW 100 HP	70	W:2000 mm L:2800 mm H:2600 mm	4800 kg
	10 bar	11.66				
	12 bar	11.54				
	15 bar	11.48				
DS 90V	8 bar	17.96	90 KW 125 HP	70	W:2100 mm L:3000 mm H:2700 mm	5000 kg
	10 bar	15.20				
	12 bar	15.05				
	15 bar	13.80				
DS 110V	8 bar	21.60	110 KW 150 HP	70	W:2100 mm L:3000 mm H:2700mm	5080 kg
	10 bar:	18.90				
	12 bar	17.51				
	25 bar	13.10				
	35 bar	12.00				
DS 132V	8 bar	25.35	132 KW 180 HP	70	W:2200 mm L:3200 mm H:2700 mm	5200kg
	10 bar	21.28				
	12 bar	21.06				
	25 bar	18.40				
	35 bar	16.40				
DS 160V	8 bar	31.33	160 KW 220 HP	70	W:2200 mm L:3300 mm H:2700 mm	5375 kg
	10 bar	27.12				
	12 bar	25.69				
	25 bar	17.40				
	35 bar	19.80				
DS 200V	8 bar	40.00	200 KW 270 HP	71	W:2200 mm L:3500 mm H:2850 mm	5525 kg
	10 bar	35.22				
	12 bar	31.53				
	25 bar	21.10				
	35 bar	23.10				
DS 250V	8 bar	45.60	250 KW 340 HP	71	W:2200 mm L:3500 mm H:2850 mm	5675 kg
	10 bar	45.10				
	12 bar	39.20				
	25 bar	24.30				
	35 bar	26.50				
DS 315V	8 bar	54.60	315 KW 430 HP	71	W:2200 mm L:3500 mm H:2850 mm	5775 kg
	10 bar	54.02				
	12 bar	49.30				
	25 bar	26.50				
	35 bar	30.00				

Data measured and stated in accordance with ISO 1217 Edition 4 Annex C and Annex 1 and following condition:  
Air intake pressure 1 bar(a), Air intake temperature 20 °C, Humidity 60%



#### HEADQUARTERS:



Yazır Mah. Öztekinler Sk. F Blok  
No: 48/13 Selçuklu/KONYA/TURKEY



+90 538 779 90 60



[www.konaircompressor.com](http://www.konaircompressor.com)



[info@konaircompressor.com](mailto:info@konaircompressor.com)