



# **Komteks<sup>®</sup> Compressor**





**Komteks<sup>®</sup>**  
**Compressor**

**Powerful Foundation**



**With Having High Technology and  
Experience in Pressure Air**

## WHAT SHOULD YOU EXPECT FROM A SCREW COMPRESSOR?

### 1. Correct Propulsion

Power transfer from engine to screw block should be dissipationless and should never bring extra cost after a specific operation period (such as increase of friction dissipations, damages that may occur in the ball bearings at the bottom of the balance wheel where radial powers come to and ruptures of the belts).

### 2. Correct Components

Low revolution in screw block (high output, low temperature), such as components installation in conformity with label, pneumatic and hydraulic hoses with adequate specifications for the place they are used and selection of materials according to operation conditions.

### 3. Correct Command and Control

Electronic command and control system to assist and provide cost effective operation to operator.

### 4. Correct Cooling

Low Running Cost (high output fan system) and easy cleaning cooling system taking 100% advantage from radiator.

### 5. Correct Sizing

Component sizing is designed and built with the required specifications that prevent dissipations.

### 6. Correct Design

It should have an easy serviceable and environment respectful design.

**Conclusion:** Deviations from the abovementioned conditions reduce compressor's cost and hence its quality and while making you feel happy for purchasing a cheap compressor, it makes your economy miserable without even letting you know about it.

## PROMINENT SPECIFICATIONS OF KOMTEKS COMPRESSOR

### 1. Direct Coupled

As friction dissipations 1:1 are completely absent in driving systems and are fixed in the gearbox systems, free air outputs always remain within design (label) values. Accordingly, since no extra power dissipations will occur, no increase will happen in operating costs.

As drive is done through an elastic cleavable coupling, a probable damage in the screw block is prevented from hitting the engine by crashing of the coupling ring.

1:1. Since engine revolution in drive systems is equal to the revolution of the main screw, it provides a more economic operation because of length in screw live and decrease in the compression temperature.

Do not forget! The more revolution the less life

### 2. Electronic Command & Control

This feature provides timely maintenances, reporting of failure reasons and ease to operator and decreases operating costs due to its high operating sensitivity.

### 3. Radial Fan Cooling

Outputs are higher by 50%. Therefore, operating costs are lower.

Because of its low noise level, it is possible to operate the compressors even within the workplace.

As they are designed to absorb, air distribution within the radiator is homogenous, possibility is available to obtain 100% benefit from the radiators. This situation makes compressor operate at a lower temperature. Low temperature in compressor is the most effective factor in their lives.

As the fan is totally made of metal, there is no risk for breakage or deformation.

Radiator cleaning is much easier.

### 4. High Quality Components

As they are directly supplied by Europe's experienced companies which manufacture quality parts, the components offer higher quality and longer life warranty.

### 5. Cyclone Separating Air Filter

Thanks to the cyclone pre-separating air filter, filter maintenance period prolongs as rough dusts are separated prior to reaching the element.

### 6. Rapid Service & Easy Maintenance

Ergonomic design provides simple maintenance advantage because uncomplicated components.

If you want to avoid being cheated in compressor, always make sure that label value and test values match.

## DIRECT COUPLED TYPE SCREW AIR COMPRESSOR



### DIRECT COUPLED TYPE SCREW AIR COMPRESSORS TECHNICAL SPECIFICATIONS

Compressor Type	Capacity m <sup>3</sup> /min.			Engine Power kW	Noise Level db (A)	Connection Diameter/Inch	Dimensions (mm) W x L x H	Weight (kg) (Including Oil)
	7,5 bar	10 bar	13 bar					
KSK D22	4,00	3,00	-	22	66	¾"	1100x1300x1300	650
KSK D30	5,00	4,00	3,70	30	67	1 ¼"	1300x1500x1450	900
KSK D37	6,50	5,00	4,00	37	67	1 ¼"	1300x1500x1450	950
KSK D45	8,10	7,00	5,00	45	69	1 ¼"	1400x1700x1655	1150
KSK D55	9,00	8,10	7,00	55	69	1 ¼"	1400x1850x1655	1500
KSK D75	12,50	11,50	9,00	75	70	1 ½"	1540x2050x1690	2000
KSK D90	15,50	14,30	11,50	90	70	1 ½"	1590x2300x2000	2150
KSK D110	19,00	16,40	12,00	110	71	2"	1590x2300x2000	2500
KSK D132	22,50	19,00	16,40	132	72	2"	1590x2300x2000	2600
KSK D160	27,00	22,50	19,00	160	72	3"	1720x2300x2000	3250
KSK D200	33,00	29,00	25,00	200	76	3"	1720x3000x2000	3500
KSK D250	41,00	36,00	31,00	250	76	4"	1720x3000x2000	3750

We reserve the right to make technical modifications.

- Free air output are given according to ISO 1217. (1 Bar suction pressure, 20 °C suction temperature.)
- Noise level is given according to Pneuop/Cagi PN0NTC2 from 1 m.
- Please get information for inquiries for units with inverter (variant speed controlled drive)



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## BELT DRIVEN TYPE SCREW AIR COMPRESSOR



## BELT DRIVEN TYPE SCREW AIR COMPRESSORS TECHNICAL SPECIFICATIONS

Compressor Type	Capacity m <sup>3</sup> /min.			Engine Power kW	Noise Level db (A)	Connection Diameter/Inch	Dimensions (mm) W x L x H	Weight (kg) (Including oil)
	7,5 bar	10 bar	13 bar					
KSK V7,5	1,20	1,00	0,80	7,5	65	¾"	1200x985x890	310
KSK V11	1,70	1,50	1,20	11	66	¾"	1200x985x890	340
KSK V15	2,50	2,00	1,70	15	66	¾"	1300x1085x940	370
KSK V18.5	3,00	2,60	2,20	18,5	67	¾"	1300x1085x940	410
KSK V22	3,60	3,00	2,60	22	67	¾"	1300x1085x940	450





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If want to earn more, avoid purchasing cheap!

Leading indicators are basic principals in quality:

- Direct Coupling
- Low Revolution
- Electronic Control
- Radial Fan

Increase of each plus value in quality means increase of cost.

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