V75Oil Inject Screw Compressor





PROFILE: Planned to offer maximum performance, efficiency and duration. It guarantees high airflow with a minimum energy consumption and best performances are therefore guaranteed, even in extreme conditions.

BEARINGS: Radial and thrust bearings are created to be lasting. Only first quality bearings are used.

FRONTAL SEALINGS: No oil loss thanks to excellent materials and suitable dimension. Accessibility for a simple and fast replacement.

APPLICATION: For belt and direct connection.

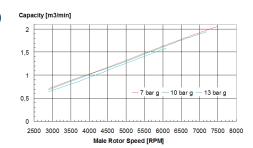
ASSEMBLY: Body parts are joined with 0-rings, so the maintenance is easy, fast and reliable. No glues used to join parts.

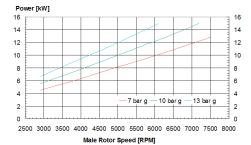
ROTORS ADJUSTMENT: Threaded rings are used to adjust rotors for maintenance phases very fast, reliable and repeatables.

TECHNICAL DATA

Size		V75
Drive		Direct by coupling or belt
Rotor dimensions		
Outside male diameter:	mm	73,4
Outside female diameter:	mm	56,6
L/D:		1,65
Air Capacity (ISO 1217 ANNEX B 1996)	m³/min	0,65-2,1
Max. Working Pressure	bar g	14
Min. Working Pressure	bar g	6
Oil injected Quantity	l/min	20-28
Max Input Power	kW	15
Max Main Rotor Speed	rpm	7500
Max Outlet air/oil Temperature	°C	105
Weight	kg	16

Air flow rate related to suction condition according to ISO $\overline{1217}$ annex C 1996: relative humidity: 60%; suction press. (abs.): 1 bar; suction temp.: 20°C; disch. temp.: 80°C





Section A-A 3 Holes to 228,2 Detail X 20 G1" Thread Depth 22 baseplate 27, connection 20 W8 Direction of 156 Oil Injection G3/8" Thread Depth 16 Drainage oil from separator G1/4" Tread Depth 15 rotation Ø 144 G1" Thread Depth 23 n°4 x M8 Thread Depth 12 Equally Space 88,5 8 48,7 n°4 x M8 Thread Depth 15 Equally Space

PACK SMART V75





 $\begin{tabular}{ll} \textbf{SCREW:} & \textbf{Top quality components and ultra modern process technology ensures maximum quality, reliability and performance in the long run. \end{tabular}$

INTAKE ADJUSTMENT: Available by request in the ON/OFF version or non-return version.

MINIMUM PRESSURE VALVE: Internal components in stainless steel, viton seals, incorporated check-valve. Adjustment of the opening pressure.

THERMOSTATIC VALVE: Simple and reliable with total filtration. Different temperature range thermostats are available.

OIL RECOVERY VIEWER: Complete with calibrated nozzle, transparent surface for immediate control of correct operations and check-valve.

SAFETY VALVE: CE certified, available for various operating pressures.

TANK SEPARATOR: Tested for operating pressures of up to 15 bars with certification enclosed. Complete with filling plug, drainage tap and oil level window.

TECHNICAL DATA

Size		Pack Smart 75-5
Power	Kw	from 7,5 to 15
Drive		Direct by coupling or belt
Working Pressure	Bar	see diagram of V75
Air Flow Rate	m³/1'	see diagram of V75
Oil Rate Flow	Lt/1'	26 max
Oil Inlet/Outlet	Inch	3/8" Gas
Air Outlet (From MPV)	Inch	1/2" Gas
Oil nipples Size		3/4 Gas; 3/4 16UNF; 1 12UNF
Air nipples Size		M22x1,5; M24x1,5
Thermostat Temp. Setting	°C	Three thermostat available: 55-70; 71-85 or 83-95
Materials		Housing in Alloy, Steel and cast iron. Internal parts in alloy, steel, brass, viton sealings
A	mm	337
A1	mm	345
В	mm	270
C1	mm	442
K	mm	492
Weight	Kg	48,5

