



500 LITRE 20HP SCREW COMPRESSOR

JEFCIND500S-20.0

- Belt-driven rotary screw compressor designed for high-capacity continuous, industrial use
- Fitted with an efficient heavy duty three-phase electric motor (IE3)
- Variable or fixed speed belt drive running modes
- High capacity Rotorcomp® screw air end
- Quiet running performance, ideal for environments requiring low noise emissions
- Powder-coated solid steel cabinet housing with foam noise insulation barriers
- 100% duty cycle application
- Air dryer system
- Automatic time-controlled drain system & easy front end access for maintenance tasks
- Advanced controller system
- Automatic drain valve
- Welded tank fully-compliant with the latest European manufacturing & safety standards



ENGINE SYSTEM

Input Voltage ~ Frequency	415V ~ 50Hz / 3 Phase
Input Supply	50A
Auxiliary Voltage	24V
Start-Up Absorbed Current	75A
Max Absorbed Current	28A
Main Motor Efficiency	IE3
Motor Enclosure	F
Main Service Factor	1.15

Working Pressure	10bar (145psi)
Maximum Pressure	10.5bar (152psi)
Transmission Type	Belt
Free Air Delivery (FAD)	75.9cfm (2149L/Min)
Oil Capacity	6.0L
Cooling Fan Air Flow Rate	3700 m ³ /h
Rated Power Fan Motor	400W
Oil Carry Over	≤3 mg/m ³
Motor Speed	2910rpm
Motor Insulation Class	IP54
Motor Power	20HP (15kW)
Maximum Absorbed Power	16.8kw
Min & Max Working Ambient Temperature	5-45°C
Sound Pressure	69 dB(A)

