

LW 570 D



The large-volume high-pressure compressor LW 570 D is ideal for use in industrial applications and for use on a remote island. The 570 litre compressor is equipped with a 12 volt control, electric start, automatic condensate drain and an integrated filling unit with four hoses and filling valves. It is a slow running diesel compressor with very low maintenance intervals and maintenance costs



LW 570 D Rear view

Specifications

- » Yanmar 12.9 kW water cooled 3cylinder diesel engine c/w electrical start
- » 12V electrical/pneumatic control
- » Stainless steel diesel tank, 15.7 litre capacity (approx. 4 hours running at full load)
- » Wet painted steel housing (RAL 6026)
- » Condensate drain test switch, key switch for start/stop und speed selector
- » Emergency stop switch
- » Hour counter
- » Safety switch
- » Diesel motor oil pressure and battery warning lamps
- » Automatic condensate drain
- » Automatic stop at final pressure
- » 4x Filling hose and filling valve
- » Pressure maintaining and non-return valve
- » All pistons c/w steel piston rings
- » Low pressure oil pump
- » Oil- / water separators after each stage
- » Safety valves after each stage
- » 4x concentric suction/pressure valves
- » Filling pressure to your choice (200 or 300 bar)
- » Connections to your choice
(DIN 200 bar or 300 bar, CGA 200 bar or 300 bar and INT)
- » Breathing air purification an accordance to EN 12021

Options

- » 200 and 300 bar parallel filling pressures
- » Oil pressure gauge
- » Intermediate pressure gauges
- » Oil pressure monitoring c/w auto shut down
- » Additional high pressure outlet
- » 420 bar Version

Technical Data

LW 570 D	
Type:	Air cooled piston compressor
Capacity [litre/min] / [Nm³/h] / [cfm]:	570 / 34.0 / 20.1
Max. Pressure [bar]:	350 / 420
RPM [1/min]:	1100
No of cylinders / No of stages:	4 / 4
Prime mover type:	3 cylinder diesel engine, electric startt
Drive power [kW] / [HP]:	12.9 / 17.5
Cooling air requirement [Nm³/h]:	3900
Lubrication type:	Oil pump + Splash oil
Oil capacity [litre]:	2.5
Oil pressure [bar]:	2.2 (+/- 0.5)
Operating temperature [°C]:	+5°C to +45°C
Filter capacity [m³ at +20°C] ¹⁾ :	1000 (at +20°C / approx. 30 h)
Dimensions L x W x H [cm]:	145 x 77 x 100
Weight [kg]:	520
Noise level [dB]:	88 (measured at 1 m)

¹⁾ In accordance with EN 12021

Official distributor of Lenhardt and Wagner:



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