

HP375 Zone 2 Air Compressor

A wide range of compressor ATEX Zone 2 Hazardous Area and certified DNVGL 2.7-1 air delivery and output pressure can be manufactured.



Rated Pressure 150 psi	Nominal Capacity Flow 375 CFM	Working Pressure Range 80-175 psi	
Dimension L x W x H (mm) 3200 x 1800 x 2200	Weight 3500 kg	Max. Working Altitude 3048 m	Noise@7M 76dB

- Diesel Cummins 6BT5.9-C 4 cylinders 100kW engine zone 2 water cooled.
- Electrical starting system.
- Diesel Engine Protection EN1834-1 ATEX94/9/EC.
- Water cooled exhaust manifold and heat exchanger for T3=200deg.
- Inlet flame arrestor for IIB operation.
- Inlet shut down valve and fuel shut down.
- Exhaust flame arrestor and spark arrestor.
- High water coolant temperature shut down at 100°C.
- High exhaust gas temperature shut down at 200°C -T3.
- Low oil pressure shut down at 0.8bar.
- Overspeed valve shut down.
- Control enclosure ATEX Zone2.
- High quality assembly, providing stiffness and low vibration.
- Power coated steel, Corrosion and scratch resistant.
- Compact and long service life.
- Protection guards in radiator and high voltage parts.
- Water and dust proof design.
- High quality sound absorbing and fire retardant.
- Skid mounted frame structure certified DNVGL2.7-1.
- Lifting lugs and forklift holes.

Diesel Engine

Engine brand	CUMMINS	Displacement	5.9 L
Engine model	6BT5.9-C	Water tank capacity	18.9 L
Full-load speed	2250 rpm	Engine oil capacity	14.2 L
Rated power	100 kW	Fuel tank capacity	200 L

Compressor

Specification of air supply valve	1-Rp1/2, 1-Rp3/4, 1-Rp 1' 1/4
Fluid capacity	26.5 L

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