



Compressor Unit 50

Compressor Specifications

MODEL OF BARE COMPRESSOR	50
RATED POWER	45 kW (2 Throws)
STROKE	50 mm (1.97 in)
ROTATING SPEED	1,500 rpm
MAXIMUM PISTON SPEED	2.5 m/s (492.13 fpm)
TOTAL ROD LOAD	70 kN (15,736.63 lbs)
ROD LOAD TENSION	35 kN (7,868.32 lbs)
ROD LOAD COMPRESSION	37 kN (8,317.93 lbs)
ROD DIAMETER	26 mm (1.02 in)
CRANKSHAFT CENTERLINE FROM BOTTOM	215 mm (8.46 in)

Main Compressor Unit Parts



Nodular Cast Iron Crankcase



Forged Steel Crankshaft



Forged Steel Connecting Rod



Aluminum or Ductile Cast Iron Crosshead



Alloy Steel Piston Rod



Aluminum or Cast Iron Piston



Versatile Cast Iron Cylinders



High-Performance Valves

