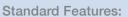
LMF-GP Electrical Rotary Screw Compressor LX45-8/10/13

Overview

LMF-GP Rotary screw compressors are versatile and user-friendly. Their high temperature tropical design makes them unique and versatile, they are suitable for the Industrial, oil and gas, marine, engineering and petro-chemical and construction industries.



- High-Efficiency rotary screw assembly
- IE2 IP55 motor, excellent design for motor cooling
- High capacity, low pressure drop and high precision air filter
- 8,000 hours service life coolant
- 8,000 hours service life oil separator
- Loading-unloading capacity control function
- Sequence control
- Excellent micro computer controller





Oil Injected Rotary Screw Compressor

SPECIFICATIONS			
Model	LX45-8	LX45-10	LX45-13
Compressor performance*			
Effective Working Pressure - bar	8	10	12.5
Maximum Working Pressure-bar	8.5	10.5	13
Capacity at Effective Working Pressure - m3/min	8.3	6.5	5.3
Total input Power at Effective Working Pressure – kW	57.3	51.4	50.4
Specific Power at Effective Working Pressure-kW/m3/min	6.9	7.9	9.5
Electrical Data (Typical)	400V/50		
Motor rated kW	45		
Motor Nominal Efficiency %	92.9		
Nominal rpm	2950		
Frame Size (IP55)	225		
Service Factor	1.2		
Nameplate AmpsFLA/SFA	78.6/94.3		
Locked Rotor Amps - Max.	589		
Starter Type	Y-Δ		
Electrical Enclosure	IP55		
Dimensions & Weights w/Enclosure Air-cooled Series			
Length - mm	1630		
Width - mm	960		
Height - mm	1220		
Weight - kg	880		
Discharge Pipe Size	G1 1/2		
Moisture Drain Connection			
dBA Ratings at 1 Meter (Typical)			
Air - cooled w/ enclosure	70		
Cooling Air Flows			
Air Flow Air-cooled Fan - m3/min	233.3		
Air-cooled Fan Motor - kW	1.1		
Filter Rating			
Inlet Air	99.9% Eff. Per SAE J726C		
Main Lubricant Flow	Beta3=2,Beta 23=75 Per ISO 4572		



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