

LMF-GP Electrical Rotary Screw Compressor LX18-8/10/13

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.

Standard Features:

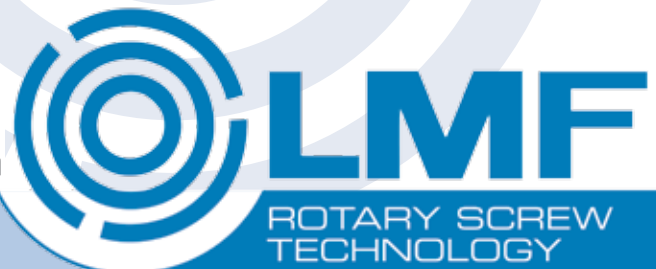
- High-Efficiency rotary screw assembly
- IE2 IP55 motor, excellent design for motor cooling
- High capacity, low pressure drop and high precision air filter
- 8,000 hours service life coolant
- 8,000 hours service life oil separator
- Loading-unloading capacity control function
- Sequence control
-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



Oil Injected Rotary Screw Compressor

SPECIFICATIONS			
Model	LX18-8.5	LX18-10	LX18-13
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	3.2	2.5	-
Total input Power at Effective Working Pressure – kW	23.04	22.5	-
Specific Power at Effective Working Pressure-kW/m3/min	7.2	9	-
Electrical Data (Typical)		400V/50	
Motor rated kW		18.5	
Motor Nominal Efficiency %		91.2	
Nominal rpm		1470	
Frame Size (IP55)		180	
Service Factor		1.15	
Nameplate Amps---FLA/SFA		34.4/39.6	
Locked Rotor Amps - Max.		261.8	
Starter Type		Y-Δ	
Electrical Enclosure		IP55	
Dimensions & Weights w/Enclosure Air-cooled Series			
Length - mm		1370	
Width - mm		900	
Height - mm		1110	
Weight - kg		600	
Discharge Pipe Size		G1	
Moisture Drain Connection		/	
dBA Ratings at 1 Meter (Typical)			
Air – cooled w/ enclosure		67	
Cooling Air Flows			
Air Flow Air-cooled Fan - m3/min		80	
Air-cooled Fan Motor - kW		0.55	
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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