

# LMF-GP Electrical Rotary Screw Compressor LX30-8/10/13

## 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:

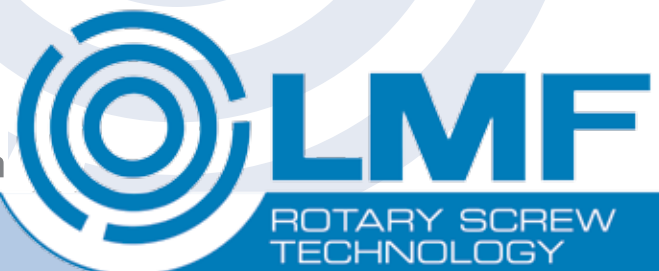
- High-Efficiency rotary screw assembly
- IE2 IP55 motor, excellent design for motor cooling
- High capacity, low pressure drop and high precision air filter
- 8,000 hours service life coolant
- 8,000 hours service life oil separator
- Loading-unloading capacity control function
- Sequence control
-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



## Oil Injected Rotary Screw Compressor

SPECIFICATIONS			
Model	LX30-8.5	LX30-10	LX30-13
<b>Compressor performance*</b>			
Effective Working Pressure - bar	8	10	12.5
Maximum Working Pressure-bar	8.5	10.5	13
Capacity at Effective Working Pressure - m3/min	5.4	4.5	3.5
Total input Power at Effective Working Pressure – kW	37.3	36	36.8
Specific Power at Effective Working Pressure-kW/m3/min	6.9	8	10.5
<b>Electrical Data (Typical)</b>		<b>400V/50</b>	
Motor rated kW		30	
Motor Nominal Efficiency %		92	
Nominal rpm		2965	
Frame Size (IP55)		200L1	
Service Factor		1.15	
Nameplate Amps---FLA/SFA		52.9/60.8	
Locked Rotor Amps - Max.		396.6	
Starter Type		Y-Δ	
Electrical Enclosure		IP55	
<b>Dimensions &amp; Weights w/Enclosure Air-cooled Series</b>			
Length - mm		1600	
Width - mm		960	
Height - mm		1220	
Weight - kg		680	
Discharge Pipe Size		G1 1/2	
Moisture Drain Connection		/	
<b>dBA Ratings at 1 Meter (Typical)</b>			
Air – cooled w/ enclosure		67	
<b>Cooling Air Flows</b>			
Air Flow Air-cooled Fan - m3/min		118.3	
Air-cooled Fan Motor - kW		0.75	
<b>Filter Rating</b>			
Inlet Air		99.9% Eff. Per SAE J726C	
Main Lubricant Flow		Beta3=2,Beta 23=75 Per ISO 4572	

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