

# LMF-GP Electrical Rotary Screw Compressor LX200-8/10/13

## 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:

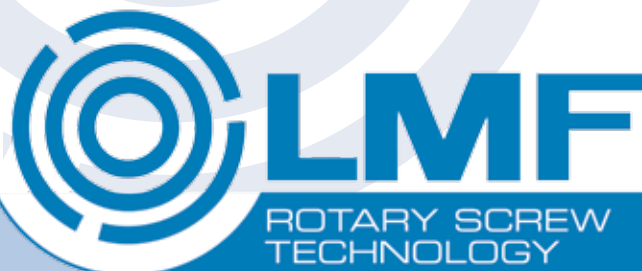
- High-Efficiency rotary screw assembly
- IE2 IP55 motor, excellent design for motor cooling
- High capacity, low pressure drop and high precision air filter
- 8,000 hours service life coolant
- 8,000 hours service life oil separator
- Loading-unloading capacity control function
- Sequence control
-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



## Oil Injected Rotary Screw Compressor

SPECIFICATIONS			
Model	LX200-8	LX200-10	LX200-13
<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	36.6	31.9	28.4
Total input Power at Effective Working Pressure – kW	245.22	240.5	258
Specific Power at Effective Working Pressure-kW/m3/min	6.7	7.54	9.1
<b>Electrical Data (Typical)</b>		<b>400V/50</b>	
Motor rated kW		200	
Motor Nominal Efficiency %		95	
Nominal rpm		2970	
Frame Size (IP55)		315L2	
Service Factor		1.25	
Nameplate Amps---FLA/SFA		334/417.5	
Locked Rotor Amps - Max.		2672	
Starter Type		Y-Δ	
Electrical Enclosure		IP55	
<b>Dimensions &amp; Weights w/Enclosure Air-cooled Series</b>			
Length - mm		2960	
Width - mm		1860	
Height - mm		2000	
Weight - kg		4300	
Discharge Pipe Size		DN80	
Moisture Drain Connection		/	
<b>dBA Ratings at 1 Meter (Typical)</b>			
Air – cooled w/ enclosure		75	
<b>Cooling Air Flows</b>			
Air Flow Air-cooled Fan - m3/min		417	
Air-cooled Fan Motor - kW		5.5	
<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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