

# LMF-GP Electrical Rotary Screw Compressor LX11-8/10/13

## 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	LX11-8.5	LX11-10	LX11-13
<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	1.66	1.35	1.15
Total input Power at Effective Working Pressure – kW	13.9	12.96	13.11
Specific Power at Effective Working Pressure-kW/m3/min	8.4	9.6	11.4
<b>Electrical Data (Typical)</b>		<b>400V/50</b>	
Motor rated kW		11	
Motor Nominal Efficiency %		89.4	
Nominal rpm		2935	
Frame Size (IP55)		160	
Service Factor		1.2	
Nameplate Amps---FLA/SFA		20/24	
Locked Rotor Amps - Max.		158	
Starter Type		Y-Δ	
Electrical Enclosure		IP55	
<b>Dimensions &amp; Weights w/Enclosure Air-cooled Series</b>			
Length - mm		1060	
Width - mm		800	
Height - mm		1230	
Weight - kg		450	
Discharge Pipe Size		G1	
Moisture Drain Connection		/	
<b>dBA Ratings at 1 Meter (Typical)</b>			
Air – cooled w/ enclosure		71	
<b>Cooling Air Flows</b>			
Air Flow Air-cooled Fan - m3/min		52.5	
Air-cooled Fan Motor - kW		0.3	
<b>Filter Rating</b>			
Inlet Air		99.9% Eff. Per SAE J726C	
Main Lubricant Flow		Beta3=2,Beta 23=75 Per ISO 4572	

www.lmf-gp.com



worldwide compressor technology

**LMF Austria**  
Headquarters

**Leobersdorfer Maschinenfabrik**  
GmbH

Suedbahnstr. 28  
A-2544 Leobersdorf  
phone +43-2256-9001  
fax: +43-2256-9002  
sales@LMF.at  
service@LMF.at

**China**

Beijing LMF Compression Equipment  
Technology Co., Ltd.  
Room 2315, No 8 Beichendong Road  
NorthStarTime tower, Chaoyang District  
Beijing 100101, China  
Cell phone: +86 137 200 970 97  
china@LMF.at

**Russia**

**LMF Russia**  
Khimki, Kommunalny Proezd,  
Building 30, Floor 2, Office 5305  
141400, Moscow region  
phone: +7 495 737 08 71, 72  
fax: +7 495 737 08 1  
russia@LMF.at

**MEA**

**LMF Gulf Pneumatics**  
Unit 308  
Austrian Business Center  
Jumeirah X2, Jumeirah Lake Towers  
Dubai, UAE, P.O Box 126732  
phone: +971 44 27 3653  
info@lmf-gp.com



[www.lmf-gp.com](http://www.lmf-gp.com)



worldwide compressor technology