

LMF-GP Electrical Rotary Screw Compressor LX75-8/10/13

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	LX75-8	LX75-10	LX75-13
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	14.1	11.6	9.4
Total input Power at Effective Working Pressure – kW	93.5	89.3	88.4
Specific Power at Effective Working Pressure-kW/m3/min	6.63	7.7	9.4
Electrical Data (Typical)		400V/50	
Motor rated kW		75	
Motor Nominal Efficiency %		93.8	
Nominal rpm		2975	
Frame Size (IP55)		280S	
Service Factor		1.25	
Nameplate Amps---FLA/SFA		130/162.5	
Locked Rotor Amps - Max.		894.7	
Starter Type		Y-Δ	
Electrical Enclosure		IP55	
Dimensions & Weights w/Enclosure Air-cooled Series			
Length - mm		2160	
Width - mm		1220	
Height - mm		1580	
Weight - kg		1550	
Discharge Pipe Size		G2	
Moisture Drain Connection		/	
dBA Ratings at 1 Meter (Typical)			
Air – cooled w/ enclosure		74	
Cooling Air Flows			
Air Flow Air-cooled Fan - m3/min		280	
Air-cooled Fan Motor - kW		2.2	
Filter Rating			
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



worldwide compressor technology