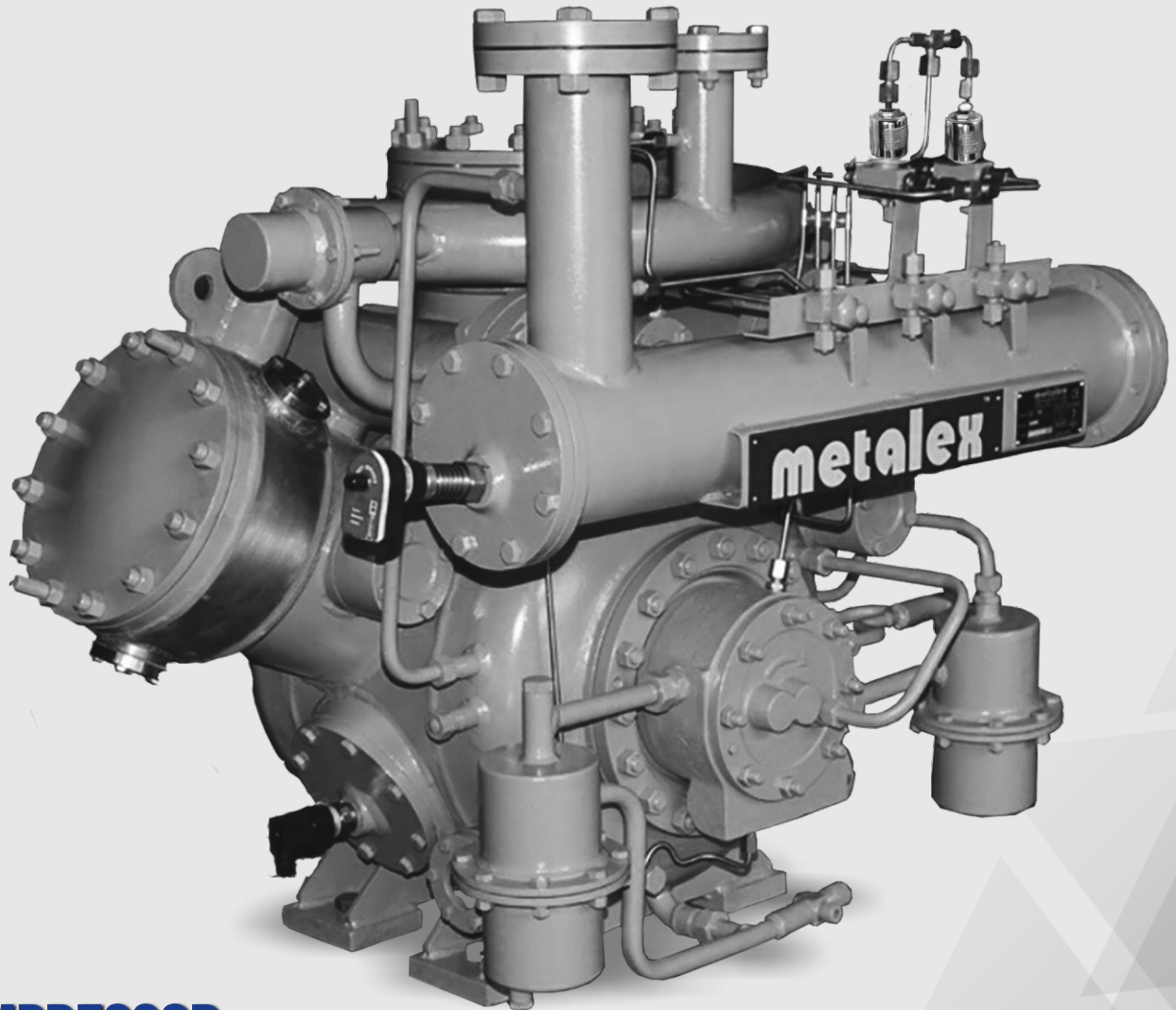


metalex™

**ENERGIZING
EFFICIENCIES**



**COMPRESSOR
GENUINE PARTS**



**Life line of your
COMPRESSORS**



Metalex Cryogenics Limited
www.metalexgroup.com

PARTS FOR REFRIGERATION PISTON COMPRESSORS

QUALITY FEATURES OF METALEX SPARES PARTS

metalex™ offers the complete range of spares parts for the MX-series and other reciprocating compressors.

Each metalex™ component is thoroughly tested & inspected by trained quality control personnel.

metalex™ parts are 100 % guaranteed to perform and yield better results.

metalex™ genuine spare parts increase the uptime, efficiency and saves life-cycle cost.

metalex™ guarantees that all parts will be free from defects in material and workmanship.

metalex™ genuine spare parts optimize the inventory, production reliability and augment process output.

Professional Service Support
24 hrs-7days-365 days.

Easy Availability in all major centers within India. All Spares can be ordered online through www.metalexgroup.com

COMPRESSOR genuine parts



ADVANTAGES OF METALEX SPARES PARTS

Piston / Connecting rod assembly (1)

The alloy piston /connecting rod assembly can easily be removed via the top of the cylinder.

Rotary shaft seal (2)

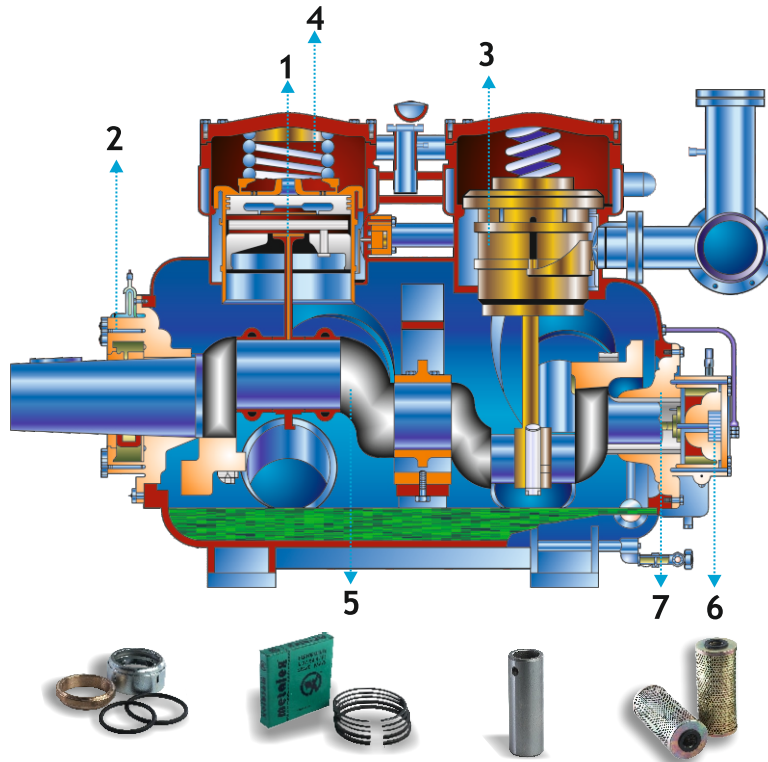
A perfect gas tight passing of the crankshaft drive end through the main bearing cover is obtained by means of a special Shaft seal.

Cylinder liner (3)

The interchangeable cylinder liners are made of fine grade centrifugal cast iron.

Discharge valve assembly (4)

Three concentric valve rings with precision-machined and lapped surfaces ensure efficient gas passage at low lifting height.



Crankshaft Assembly (5)

The crankshaft is of high quality cast iron, dynamically balanced with efficient running properties and wear resistance.

Oil pump (6)








The pump has an automatically operating hydraulic time delay valve, ensuring complete unloaded starting before control oil pressure is admitted to the valve lifting mechanisms.

Filters (7)

A metal gauze suction filter element and a replaceable discharge paper filter cartridge provides an excellent filtering of lubricating oil.

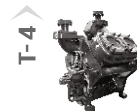
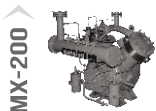
TIME-LINE FOR SPARES PARTS USAGE

Commission the compressor following guidelines in Instruction Handbook

 1- 500 Hours Paper Filter , Fire Filter + Gasket + O Rings/ Packing Set	 10000 Hours Bearing Bush Crankshaft
 5000 Hours Oil Pump Gear Set / Oil Pump Bush Set + Piston Ring Set	 14000 Hours Piston
 6000 Hours Cylinder Liner Maintenance Set + Discharge Valve Spring / Ring Set	 30000 Hours Delivery Valve Assembly / Cylinder Liner Assembly
 8000 Hours Shaft Seal Assembly	

CHECK GENUINE PARTS

- ▶ Packed in Metalex monogram Green-Blue Boxes & Polypouch.
- ▶ Each Spare Parts with MX-Hologram and Pre-printed Company Label
- ▶ Kits for Regular/Preventive & SOS usage
- ▶ Stacked Stocking with minimum space



Metalex Cryogenics Ltd.

EQUIPMENT MANUFACTURING &
PROJECT ENGINEERING COMPANY.

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