



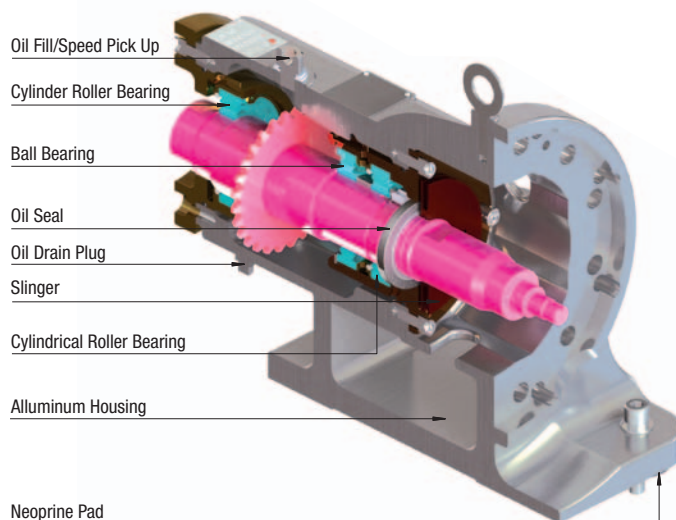
TOP SERIES Trailer Off-Loading Pumps

Bearing Housing

- Uses Hydrocarbon or Oxygen compatible oil
- Designed in compliance with CGA G-4.7 and EIGA/IGC 148/08/E guidelines for centrifugal oxygen pumps
- Up to 6,000 hours life—equivalent to 3 seal exchanges
- Best lubricated bearings in the industry



Cold End Exploded View



Oil Fill/Speed Pick Up

Cylinder Roller Bearing

Ball Bearing

Oil Seal

Oil Drain Plug

Slinger

Cylindrical Roller Bearing

Aluminum Housing

Neoprine Pad

component seal exchange

- Ease of installation reduces downtime
- Allows field exchange without removing the pump from the trailer
- Seal features composite face material
- No need to disconnect discharge piping

Features & Benefits

- Mechanical component seal design with composite face material
- Oil-lubricated bearing housing ensures lubricity of components and improves bearing life
- Cylindrical roller bearings strengthen capacity for lateral loads
- Hydraulic or jackshaft drive

Liquids Pumped

Oxygen, Nitrogen, Argon, LNG

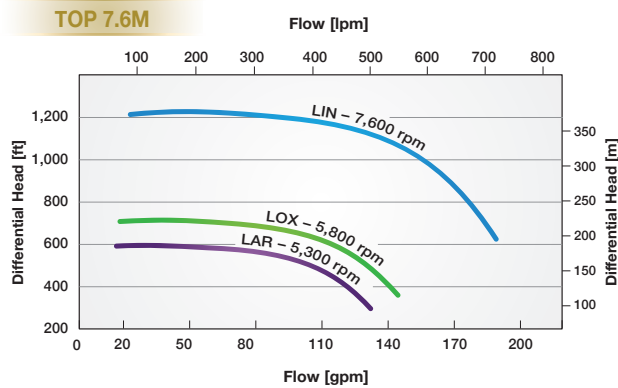
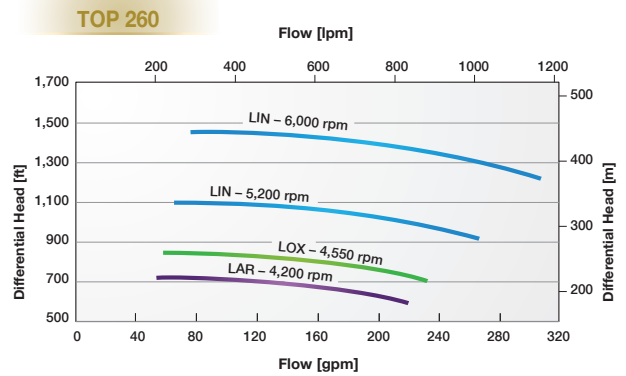
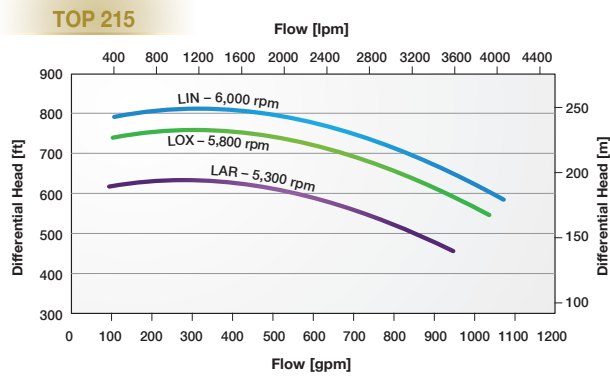
Specifications

Pump Size	Units	TOP 7.6M 2 x 3 x 7.6M	TOP 215 3 x 4 x 8.5	TOP 260 H 1.5 x 2.5 x 10
Flow Rate	gpm	10 – 180	50 – 950	25 – 290
	lpm	40 – 680	190 – 3,600	100 – 1,100
Differential Head	ft	85 – 1,250	90 – 800	90 – 1,400
	m	25 – 380	30 – 245	30 – 425
Maximum Working Pressure	psi	500	340	550
	bar	34	23	38
Maximum Power	hp	134	200	134
	kW	100	150	100
RPM Range	rpm	1,500 – 7,600	1,500 – 6,000	1,500 – 6,000

Note: Contact ACD for specific performance data.



Pump Performance Curves



TOP 7.6M
2 x 3 x 7.6M



TOP 215
3 x 4 x 8.5



TOP 260 H
1.5 x 2.5 x 10