

DYNA-STAR® AIR-POWERED PUMP



Reliability you can trust to provide fast grease delivery against high back pressures in an easy-to-service package.

Up to a 200:1 Pump Ratio

- Up to 20,000 psi (1,379 bar) maximum operating pressure with 1.5 lpm flow at 10,000 psi back pressure.

Hazardous Location Certified

- ATEX* and CE approved for consistent performance in tough environments.

Built for Quality and Performance



- 100% of the design, assembly and testing are done in the USA.

TYPICAL APPLICATIONS

- ▶ Well Service Maintenance Operations
- ▶ Wireline
- ▶ Large Rope Shovel/ Drag Lines
- ▶ Open Gear
- ▶ Industrial

*200:1 and 120:1 options

Legendary Merkur® Air Motor

- Proven air valve is DataTrak®-ready.

Hex-Style Heavy-Duty Lower

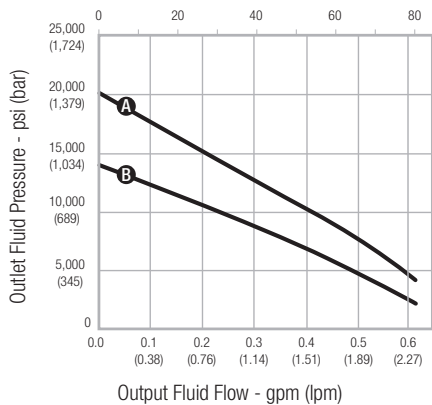
- Withstands harsh field conditions and aids intuitive seal replacements.



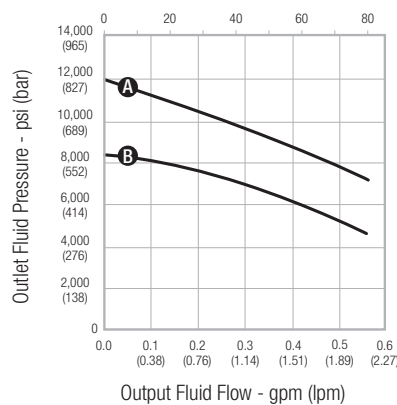
PROVEN QUALITY. LEADING TECHNOLOGY.

DYNA-STAR® AIR-POWERED PUMP

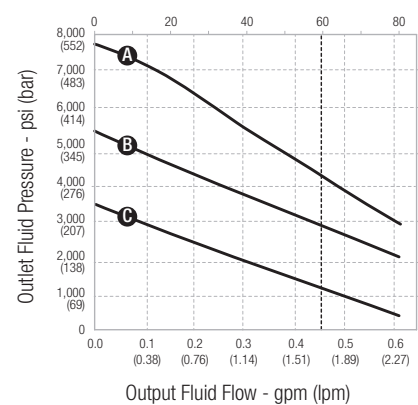
Dyna-Star 200:1 Pump Performance Curve
Air Motor Speed — CPM



Dyna-Star 120:1 Pump Performance Curve
Air Motor Speed — CPM



Dyna-Star 70:1 Pump Performance Curve
Air Motor Speed — CPM



Inlet Air Pressures:
A = 100 psi (6.9 bar) **B** = 70 psi (4.8 bar) **C** = 40 psi (2.8 bar)
Test Fluid: Chevron Multifak EP 2

DYNA-STAR PUMP

PART NUMBER	DESCRIPTION
25P785	Dyna-Star 200:1 Air-Powered Bare Grease Pump for 400 lb (180 kg) Barrel
25P784	Dyna-Star 200:1 Air-Powered Bare Grease Pump for 120 lb (55 kg) Keg
26A968	Dyna-Star 120:1 Air-Powered Bare Grease Pump for 400 lb (180 kg) Barrel
26A967	Dyna-Star 120:1 Air-Powered Bare Grease Pump for 120 lb (55 kg) Keg
2002775	Dyna-Star 70:1 Air-Powered Bare Grease Pump for 400 lb (180 kg) Barrel
2002774	Dyna-Star 70:1 Air-Powered Bare Grease Pump for 120 lb (55 kg) Keg
20A560	Dyna-Star 200:1 Air-Powered Grease Pump with Cover (25U202) for 400 lb (180 kg) Barrel
20A561	Dyna-Star 200:1 Air-Powered Grease Pump with Cover (222060) for 120 lb (55 kg) Keg
20A562	Dyna-Star 120:1 Air-Powered Grease Pump with Cover (25U202) for 400 lb (180 kg) Barrel
20A563	Dyna-Star 120:1 Air-Powered Grease Pump with Cover (222060) for 120 lb (55 kg) Keg

ACCESSORIES

PART NUMBER	DESCRIPTION
26B069	Dyna-Star 200:1 and 120:1 Air-Powered Grease Pump Lower Seal Repair Kit
2009432	Dyna-Star 70:1 Air-Powered Grease Pump Lower Seal Repair Kit
26B416	Dyna-Star 200:1, 120:1 or 70:1 Air-Powered Grease Pump Lower Shortening Conversion Kit – 400 lb (180 kg) Barrel to 120 lb (55 kg) Keg
26B399	Dyna-Star 200:1, 120:1 or 70:1 Air-Powered Grease Pump Lower Extension Conversion Kit – 120 lb (55 kg) Keg to 400 lb (180 kg) Barrel
25U200	Heavy-Duty Follower Plate with Handles and Retrieval Chain for 400 lb (180 kg) Barrel

PART NUMBER	DESCRIPTION
25U201	Heavy-Duty Follower Plate with Handles and Retrieval Chain for 120 lb (55 kg) Keg
25U202	Drum Cover with Retrieval Chain Connection for 400 lb (180 kg) Barrel
222060	Drum Cover with Retrieval Chain Connection for 120 lb (55 kg) Keg
207361	Tie-Down Kit – 400 lb Barrel
222061	Tie-Down Kit – 120 lb Keg
224040	3/4 in NPT Pump Runaway Valve
2007333	Dyna-Star 70:1 Air-Powered Grease Pump Flange Mounting Kit
129870	1/2 in NPT (female) x 9/16 in MP (male) Outlet Adapter

SPECIFICATIONS		200:1	120:1	70:1
	Fluids handled	Grease up to NLGI #2 and gate valve, plug valve and wireline greases		Grease up to NLGI #2
	Maximum Fluid Temperature	180°F (82.2°C)		
	Output pressure	20,000 psi (1,379 bar)	12,000 psi (827 bar)	7,000 psi (482 bar)
	Certificates	CE, ATEX Rating – Ex II 2 G Ex h IIA T4 Gb		CE
Instruction Manual	3A7519		3A9496	



For more information, visit
www.graco.com

