AR Pump XMA3G25N Pump: 3/2500 1750RPM 8.715-307.0



Model Number: XMA3G25N

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Manufacturer: Annovi Reverberi Pumps

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Description

The Annovi Reverberi XMA3G25N, N version 24mm solid shaft triplex pump is ready for direct or pulley driving. This pump is manufactured with a brass pump head suitable for a wide range of conditions. The XMA3G25N can produce up to 2500 Max PSI, 3 Max GPM, and is designed to operate at 1750 RPM. Constructed with frictionless aluminum connecting rods and ceramic pistons, the XMA3G25N weighs in at 14 lbs and boasts a sleek compact design.

Features

- Manifold:
- - Forged Brass: Strength and no porosity equals long life. Higher hydrostatic pressures, safety and performance.
- - Inlet and Discharge Ports: Heavy bosses for added strength.
- - Offset Discharge Ports: High efficiency, smooth flow.
- - Bolts: Eight bolts, 6mm, grade 12.9.
- Valves:
- - Ultra Form Cages: Durability, strength and long life.
- - Poppets, Seat and Spring: 303 and 400 series stainless steel.
- - Valve Caps: Machined brass – greater strength.
- Packing and Plungers:
- - High Pressure Packing: “V” style (D-1) Buna-N (cotton duct weave base) strong and tightens under load.
- - Low Pressure Seals: “U” cup double lip Buna-N, good positive seal.
- - Support Guides: Machined brass, two-piece construction to assure proper plunger alignment and to maximize packing and seal life.
- - Plungers: Are a special aluminum oxide blend, solid ceramic for long life, strong durability and more resilient.
- Bearings: Oversized for maximum life and load disbursement, needle bearing on the drive side and ball on the non-drive side. Each bearing is held in position on the crankshaft and crankcase by snap rings. This assures positive alignment and centering of the connecting rods and crankshaft in relation to the crankcase, it also eliminates the crankshaft from floating.
- Crankcase: Precision die-cast, large cooling fins and anodized (for maximum heat dissipation).
- Rear Cover: precision die-cast, O-ring sealed and bayonet style sight glass for positive sealing and locking (no threads to loosen).
- Plunger Rods: Stainless steel construction for strength (no plating to scrape off). O-ring plunger sealing system.
- Rod Pins: Precision ground and hardened steel, oversized for load disbursement.
- Connecting Rods: One-piece special alloy aluminum based, oversized for maximum strength, load disbursement, and life. Heavy pin area construction, for

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added load strength.
• Crankshaft: Forged, precision ground and hardened for extremely long life and durability.
• Oil Seals and O-rings: All are constructed of Buna-N rubber. The O-rings have stainless steel garder springs to assure constant tension on the sealing surface.
• Oil Capacity: 14.5 oz., refer to parts breakdown.
• Dyno Proven: All pumps are dyno tested to assure the theoretical design meets the actual design.
• Valve Design: Each pump series has a valve design that optimizes its highest efficiency.
• Hot Water: High temperature kits are available to 180º F. Refer to breakdown
• Wet End Repair: Very simple no special tools are required.
• Mounting Bolt Pattern: Same on the top and bottom of the crankcase for simple drive side change.
• Design: Using advanced fluid handling design programs. Overall pump efficiency is increased.

Specifications

Normal
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false
false

EN-US
X-NONE
X-NONE

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AR Pump XMA3G25N Pump: 3/2500 1750RPM 8.715-307.0

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AR Pump XMA3G25N Pump: 3/2500 1750RPM 8.715-307.0

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Weight

14 lbs.

Pump Orientation

Horizontal

Pump Head Material

Brass

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Connecting Rods

Aluminum

Max GPM

3

Max L/Min

11.4

Max PSI

2500

Max Bar

170

Power EBHP

5

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Bore Dia. (mm)

15

Stroke (mm)

13.2

CSID Stamp

3

Inlet (in)

1/2” F

Outlet (in)

3/8” F

Max Temp

140° F

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Oil Capacity (oz.)

14.5

RPM

1750

Shaft Size

24mm

Shaft Version

Neutral Shaft

Shaft Type

Solid

Market

Commercial

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Parts & Accessories > Pumps (Water Pumps) > Annovi Reverberi Pumps > AR Industrial Triplex Plunger Pumps > XM/SXM Series > AR Pump XMA3G25N Pump: 3/2500 1750RPM 8.715-307.0

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Pump Type	Tri-Plex Plunger

Availability: This product was added to our catalog on Friday 17 July, 2015

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