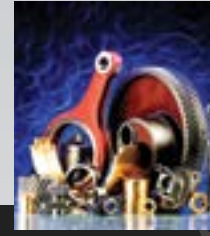


Pump Aggregat HPS MFG AXGR with 30KW Elektric Drive



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AXG (FG-AXG) 5" x 6"
Duplex Power Pump

Where hard work is still treasured
and quality is a matter of pride.

ISO 9001:2008
Registered



7K-0266



**American Mfg Company is
ISO 9001:2008 Certified.**

Perry Johnson Registrars, Inc., has assessed the quality management systems of American Mfg Company, Inc. and declared that the organization is in conformance with ISO 9001:2008 to manufacture OEM Mud Pumps and Replacement Parts for Mud Pumps, Centrifugal Pumps, Rig Parts and Swivel Parts for the Oil, Gas and Water Drilling Industry.

AXG (FG-AXG) Duplex Power Pump

The American Model FG-AXG is a duplex reciprocating type power slush pump designed for maximizing volume without sacrifice of working pressure and compactness.

Its power end is a rugged, one-piece unit with integral supports for jackshaft and eccentric shaft bearings. The cover is removable for easy access to the power end components.

Connecting rods are one-piece cast alloy with renewable eccentric bushings and crosshead bushings. The one-piece skirt type cast alloy crosshead is reinforced at all load areas.

Fluid end of the FG-AXG is a one piece casting with conventional pot type valves. Steel studs secure valve covers, flanges and plates to the fluid end, and fluid end to power end.

All bearings are sealed in individual pressure gun lubricated housings. Eccentrics, crossheads and pins are lubricated from the power end reservoir through normal movement of parts.

American lubricator type packing glands provide positive lubrication to piston rods. This pump is equipped with American pistons, hardened liners, rods and valves.

Standard Equipment

- 5" API-1 Piston
- Liners and gravel valves
- Double-ended jackshaft
- Piston rods - API-1 taper
- Lubricated Packing Glands

Specifications

Pump Weight: 2,300 lbs. (1,043 kg)

Dimensions

Length: 79.3"
Width: 35.4"
Height: 23.3"

Jackshaft Extension

Diameter: 2.44"
Length: 6.06"
Keyway: 6" L x 5/8" W x 5/8" H

Stroke Length: 6" (152 mm)

Liner Size

Minimum: 2.5"
Maximum: 5"

Fluid End Type: Cast Iron One Piece

No. of Pistons: 2

Piston Rod Load: 6,122 lbs. (2,777 kg)

Oil Capacity: 4.5 gal. (17 liters)

Maximum BHP

Mud Service: 32 (24 kw)
Ind'l. Service: 42.5 (32 kw)

Maximum Jackshaft RPM

Mud Service: 354
Ind'l. Service: 472

Suction Connection: 4" NPT 125#

Discharge Connection: 2" NPT 600#

Note:

All installations must contain a pressure relief valve in the discharge line near the pump to help prevent breakage.

Gerätepass

HPS E30 FU MFG AXGR 5x6

Serien Nr.:

Baujahr:



Hochdruckpumpenservice GmbH
Schmolkamp 4B
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Germany

1 Technische Daten

1.1 Maße des Pumpcontainers

Schallgedämpter 20-ft.-Container mit folgenden Maßen:

- Länge: 1200 mm
- Breite: 2200 mm
- Höhe : 2300 mm
- Gewicht: 2600 KG

Tel: +49 (0) 5144-1869
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Web: www.hps-celle.de

1.2 Leistungsdaten Motor

Seva : SEV 200L Nr.
400V 53,7 A
-Leistung: 30 KW bei 1500 r/min

1.3 Leistungsdaten Hochdruckpumpe

MFG Hochdruckpumpe Typ: AXGR 5X6 S/N
Eingangsdrehzahl: max. 472 min⁻¹
Getriebeeingang: Untersetzergetriebe
Ölsystem: Schleuderschmierung
Ölmenge: 17 L.
Öltyp: Mobillube HD 80W-90
Gewicht trocken: 1043 kg
Piston 5“