

AGGRESSIVE ENVIRONMENT PUMPS

NEW!



KFZ

KFZ Series, Triplex Plunger Pump, 316 SS manifold and valves, Energized packing design and Patent Pending Power End design all add to the strength and durability of this innovative pump series.

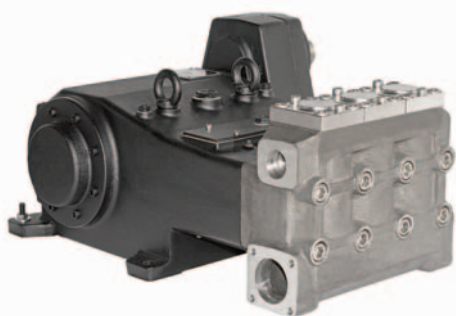
Max. Inlet Pressure: 45 PSI Max. Fluid Temperature: *140° F Inlet Port Thread: 1" NPT-F Discharge Port Thread: 1" NPT-F Shaft Diameter: 1.574 in./40 mm Pump Dimensions: 20.7" x 14.4" x 9.9" Crankcase Oil Capacity: 124.4 oz. Use GP Series 100 Oil, (see page 33) Stroke: 1.9 in./50 mm Product Group: V

	GPM	PSI	RPM	BORE	HP	MIN INLET	SHP WGHT
KFZ40A	24.9 GPM	1450 PSI	500 RPM	1.574 in./40 mm	25.0 EBHP	5 PSI	150 lbs.
KFZ40A	29.9 GPM	1450 PSI	600 RPM	1.574 in./40 mm	30.0 EBHP	5 PSI	150 lbs.
KFZ40A	34.9 GPM	1450 PSI	700 RPM	1.574 in./40 mm	35.0 EBHP	5 PSI	150 lbs.
KFZ40A	39.6 GPM	1450 PSI	800 RPM	1.574 in./40 mm	40.0 EBHP	5 PSI	150 lbs.
KFZ40A	44.9 GPM	1450 PSI	900 RPM	1.574 in./40 mm	46.0 EBHP	5 PSI	150 lbs.

MSN Series, Triplex Plunger Pump with Gearbox with 316 SS or Duplex SS (ASTM A890) Manifold; 316 SS Wetted Parts; 431 SS Valve Plate and Seat. Gear reducer options available for 1500 or 1800 RPM.

Max. Inlet Pressure: 45 PSI Max. Fluid Temperature: *140° F Inlet Port Thread: 2 1/2" BSP-F Discharge Port Thread: 1 1/4" BSP-F Shaft Diameter: 1.969 in./50 mm Pump Dimensions: 27.7" x 23.8" x 11.7" Crankcase Oil Capacity: 333 oz. Use GP Series 220 Oil, (see page 33) Stroke: 2.362 in./60 mm Product Group: V

	GPM	PSI	BORE	HP	MIN INLET	SHP WGHT
MSN36	35.4 GPM	4350 PSI	1.417 in./36 mm	105.5 EBHP	6.5 PSI	650 lbs.
MSN40	43.9 GPM	3500 PSI	1.575 in./40 mm	105.2 EBHP	6.8 PSI	650 lbs.
MSN45	55.5 GPM	2750 PSI	1.772 in./45 mm	104.5 EBHP	7.1 PSI	650 lbs.
MSN50	68.7 GPM	2250 PSI	1.969 in./50 mm	105.9 EBHP	7.6 PSI	650 lbs.
MSN55	83.0 GPM	1800 PSI	2.165 in./55 mm	102.3 EBHP	7.8 PSI	650 lbs.



MSZ36

MSZ Series, Triplex Plunger Pump with Gearbox, 316 SS or Duplex SS (ASTM A890) Manifold; 316 SS Wetted Parts including Valve Plate and Seat. Gear reducer options available in 1500 or 1800 RPM.

	GPM	PSI	BORE	HP	MIN INLET	SHP WGHT
MSZ36	29.8 GPM	1160 PSI	1.417 in./36 mm	23.7 EBHP	6.5 PSI	650 lbs.
MSZ40	36.7 GPM	1160 PSI	1.575 in./40 mm	29.2 EBHP	6.8 PSI	650 lbs.
MSZ45	46.7 GPM	1160 PSI	1.772 in./45 mm	37.1 EBHP	7.1 PSI	650 lbs.
MSZ50	57.8 GPM	1160 PSI	1.969 in./50 mm	45.9 EBHP	7.6 PSI	650 lbs.
MSZ55	69.7 GPM	1160 PSI	2.165 in./55 mm	55.4 EBHP	7.8 PSI	650 lbs.

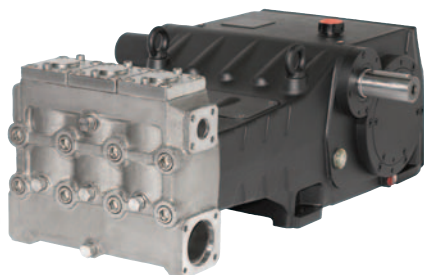
LHN Series, Triplex Plunger Pump with Internal Gear Reduction; 316 SS or Duplex SS (ASTM A890) Manifold; 316 SS Wetted Parts; 431 SS Valve Plate and Seat.

Max. Inlet Pressure: 45 PSI Max. Fluid Temperature: *140° F Inlet Port Thread: 80 mm BSP-F Flange Discharge Port Thread: 36 mm BSP-F Flange Shaft Diameter: 1.969 in./50 mm Pump Dimensions: 36.3" x 25.8" x 13.5" Crankcase Oil Capacity: 467 oz. Use GP Series 220 Oil, (see page 33) Stroke: 3.546 in./90 mm Product Group: V

	GPM	PSI	RPM	BORE	HP	MIN INLET	SHP WGHT
LHN4015	45.4 GPM	4350 PSI	1500 RPM	1.575 in./40 mm	135.5 EBHP	90 PSI	850 lbs.
LHN4017	49.7 GPM	4350 PSI	1750 RPM	1.575 in./40 mm	148.4 EBHP	90 PSI	850 lbs.
LHN4515	57.6 GPM	3500 PSI	1500 RPM	1.772 in./45 mm	138.4 EBHP	90 PSI	850 lbs.
LHN4517	52.9 GPM	3500 PSI	1750 RPM	1.772 in./45 mm	151.1 EBHP	90 PSI	850 lbs.
LHN5015	71.1 GPM	2900 PSI	1500 RPM	1.969 in./50 mm	141.5 EBHP	90 PSI	850 lbs.
LHN5017	77.4 GPM	2900 PSI	1750 RPM	1.969 in./50 mm	154.1 EBHP	90 PSI	850 lbs.
LHN5515	86.1 GPM	2300 PSI	1500 RPM	2.165 in./55 mm	135.9 EBHP	90 PSI	850 lbs.
LHN5517	93.8 GPM	2300 PSI	1750 RPM	2.165 in./55 mm	148.1 EBHP	90 PSI	850 lbs.
LHN6015	102.0 GPM	2050 PSI	1500 RPM	2.362 in./60 mm	143.5 EBHP	90 PSI	850 lbs.
LHN6017	112.0 GPM	2050 PSI	1750 RPM	2.362 in./60 mm	157.6 EBHP	90 PSI	850 lbs.

LHZ Series, Triplex Plunger Pump with Internal Gear Reduction; 316 SS or Duplex SS (ASTM A890) Manifold; 316 SS Wetted Parts including Valve Plate and Seat.

	GPM	PSI	RPM	BORE	HP	MIN INLET	SHP WGHT
LHZ4015	39.6 GPM	1160 PSI	1500 RPM	1.575 in./40 mm	31.5 EBHP	5.1 PSI	850 lbs.
LHZ4017	46.2 GPM	1160 PSI	1750 RPM	1.575 in./40 mm	36.7 EBHP	5.1 PSI	850 lbs.
LHZ4515	49.9 GPM	1160 PSI	1500 RPM	1.772 in./45 mm	39.6 EBHP	5.4 PSI	850 lbs.
LHZ4517	58.1 GPM	1160 PSI	1750 RPM	1.772 in./45 mm	46.2 EBHP	5.4 PSI	850 lbs.
LHZ5015	61.5 GPM	1160 PSI	1500 RPM	1.969 in./50 mm	48.9 EBHP	5.5 PSI	850 lbs.
LHZ5017	71.3 GPM	1160 PSI	1750 RPM	1.969 in./50 mm	56.6 EBHP	5.5 PSI	850 lbs.
LHZ5515	74.5 GPM	1160 PSI	1500 RPM	2.165 in./55 mm	59.2 EBHP	5.8 PSI	850 lbs.
LHZ5517	86.9 GPM	1160 PSI	1750 RPM	2.165 in./55 mm	69.0 EBHP	5.8 PSI	850 lbs.
LHZ6015	89.0 GPM	1160 PSI	1500 RPM	2.362 in./60 mm	70.7 EBHP	6.1 PSI	850 lbs.
LHZ6017	104.3 GPM	1160 PSI	1750 RPM	2.362 in./60 mm	82.9 EBHP	6.1 PSI	850 lbs.



LHZ4015

**Please consult technical guide or GP Sales Representative for temperature/Inlet Pressure information.*

Please refer to pages 48-51 for fittings, safety devices and other accessories. Performances refer to theoretical delivery with 100% volumetric efficiency. Under normal operating conditions, pump volumetric efficiency is over 95%. Please contact our technical staff in case of continuous, heavy-duty, or special applications.

Gearbox may be positioned as shown or at 45°, 90°, 135° or 180° from position shown.