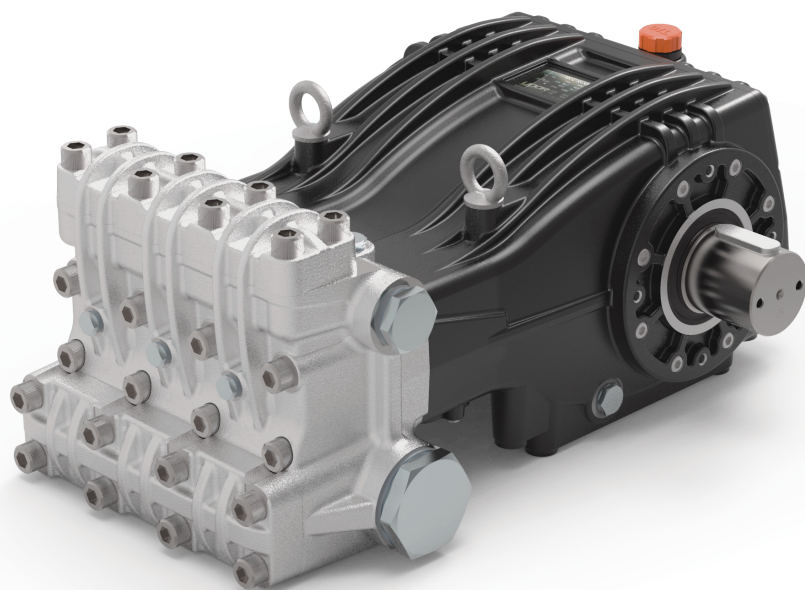




- Anodized Aluminum Crank Case
- Nickel-Plated Manifold
- Stainless Steel Check Valves
- Heavy Duty Bronze Connecting Rods
- Heavy Duty Roller Bearings
- 2-1/2" BSP-F Inlet. 1-1/4" BSP-F Outlet
- Max Fluid Temp, 160°F

HX Series Plunger Pumps

HX Series industrial duty plunger pumps are rated at 32.9 to 104.4 GPM and pressures up to 4350 PSI.

Pumps are available in 800 RPM models with a 80mm solid, keyed shaft.

Applications include sewer jetting, hydro-excavation, fire fighting, mining and street cleaning.

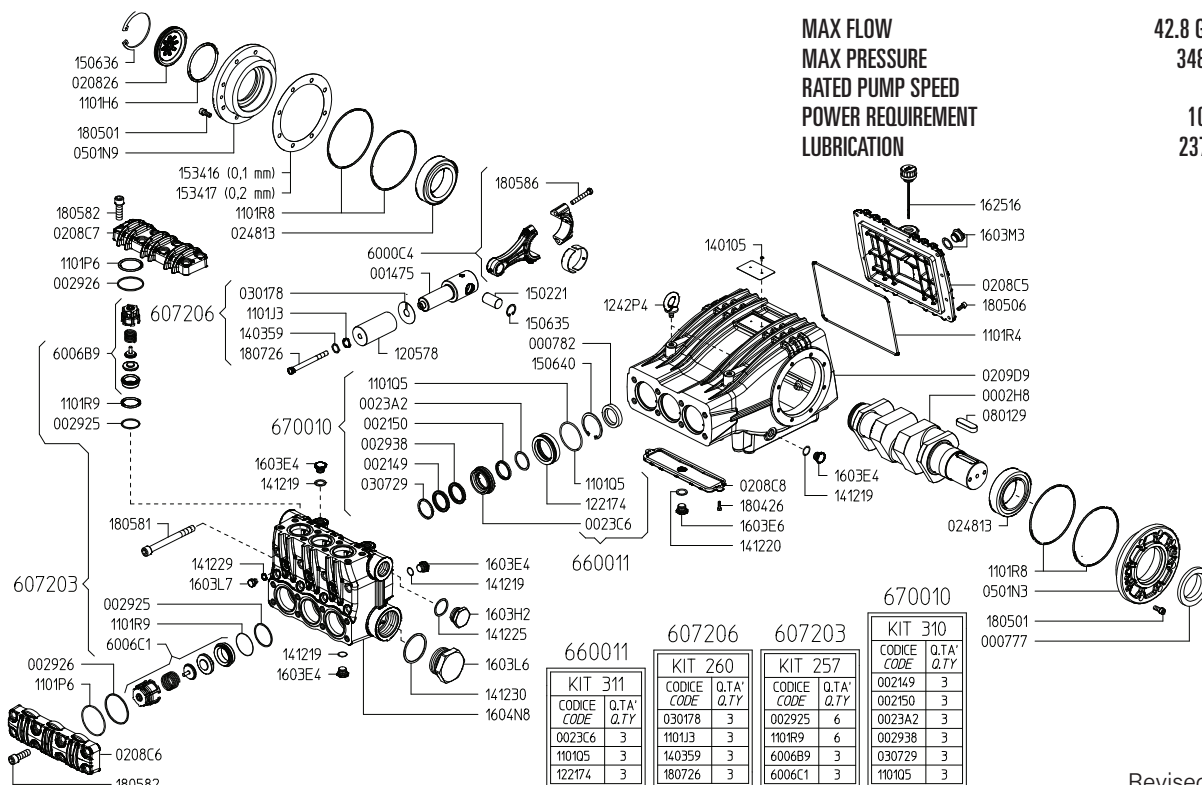
	Model	Flow		Pressure		Plunger Dia.	Crankshaft		Power	Seal Kit	Valve Kit	Wt.
		GPM	l/min	PSI	bar		Stroke	Code				
800 RPM	HX-A 135/300 R	32.9	124.5	4350	300	32mm	70.0mm	35	95.8 EBHP	6700.09	6072.03	367.5 lbs
	HX-A 160/240 R	42.9	162.5	3480	240	36mm	70.0mm	35	100.0 EBHP	6700.10	6072.03	367.5 lbs
	HX-A 210/200 R	54.4	206	2900	200	40mm	70.0mm	35	105.7 EBHP	6700.07	6072.13	367.5 lbs
	HX-A 270/160 R	68.7	260	2320	160	45mm	70.0mm	35	106.8 EBHP	6700.08	6072.13	367.5 lbs
	HX-A 330/130 R	86.1	326.0	1885	130	50mm	70.0mm	35	108.7 EBHP	6072.14	6072.13	367.5 lbs
	HX-A 400/100 R	104.4	395.1	1450	100	55mm	70.0mm	35	101.3 EBHP	6072.16	6072.13	367.5 lbs

NOTE: All pump models available with left-hand drive option. Substitute 'L' for 'R' in model number when ordering (ex. HX-A 135/300 L)



MAX FLOW
MAX PRESSURE
RATED PUMP SPEED
POWER REQUIREMENT
LUBRICATION

42.8 GPM / 162 L/MIN
3480 PSI / 240 BAR
800 RPM
100.0 HP ELECTRIC
237 OZ 85W-90 OIL



Revised 2-2-2024

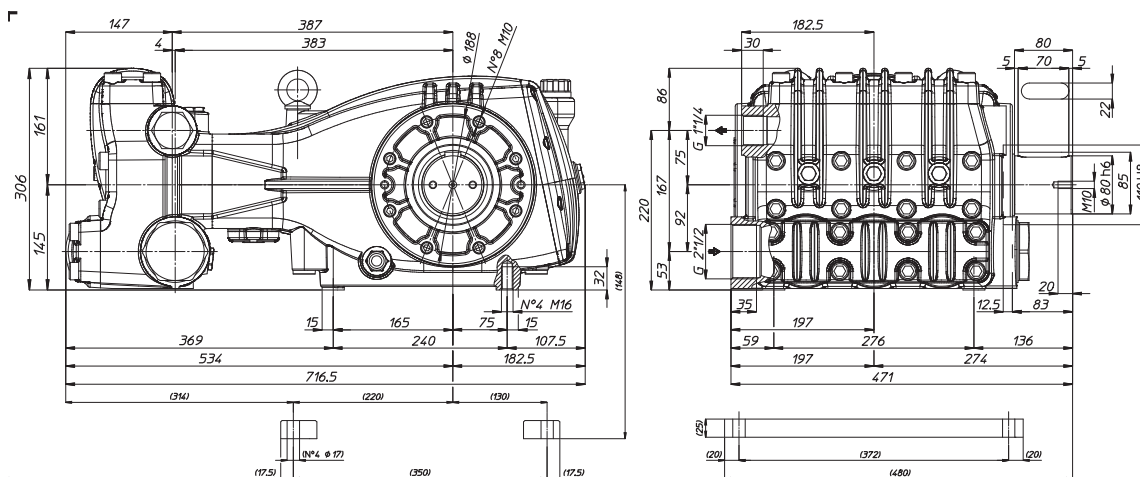
Part #	Description	Qty	Part #	Description	Qty
0002.H8	PUMP CRANCKSHAFT	1	1403.59	WASHER ^D	3
0007.77	SHAFT SEAL D85	1	1412.19	BONDED SEAL G1/2"	10
0007.82	D40 VITON SHAFT SEAL	3	1412.20	BONDED SEAL G3/4"	1
0014.75	PLUNGER GUIDE	3	1412.25	BONDED SEAL G1"	1
0021.49	HIGH PRESSURE SEAL RING D36 ^B	6	1412.29	BONDED SEAL G1/4"	3
0021.50	LOW PRESSURE SEAL RING D36 ^B	3	1412.30	BONDED SEAL G2"	1
0023.A2	SCRAPER RING D36 ^B	3	1502.21	PIN	3
0023.C6	UPPER RING D36 ^C	3	1506.35	SNAP RING D28 UNI7437	6
0029.25	ANTI EXTRUSION RING ^A	6	1506.36	SNAP RING D55 UNI7437 INOX	1
0029.26	ANTI EXTRUSION RING	6	1506.40	SNAP RING D72 UNI7437	3
0029.38	ANTI EXTRUSION RING ^B	3	1534.16	SHIM 0,1mm	1
0105.03	BUSHING	3	1534.17	SHIM 0,2mm	1
0208.26	OIL LEVEL SIGHT GLASS	1	1603.E4	INOX PLUG G1/2"	10
0208.C5	REAR COVER	1	1603.E6	INOX PLUG G3/4"	1
0208.C6	VALVE COVER	1	1603.H2	INOX PLUG G1"	1
0208.C7	VALVE COVER	1	1603.L6	INOX PLUG G2"	1
0208.C8	INFERIOR COVER	1	1603.L7	INOX PLUG G1/4"	3
0209.D9	CRANCKCASE	1	1603.M3	OIL LEVEL SIGHT GLASS G3/4"	1
0248.13	BEARING	2	1604.N8	PUMP HEAD "HX-HP"	1
0301.78	SEPARATING DISC	3	1625.16	OIL VENT PLUG G3/4"	1
0307.29	RING D36 ^B	3	1804.26	HEX SCREW M6X20 UNI 5739 ZINC PLATED	2
0501.N3	BEARING FLANGE	1	1805.01	SOCKET HEAD SCREW M10X25 UNI5931 ZINC PLATED	16
0501.N9	CLOSED BEARING FLANGE	1	1805.06	SOCKET HEAD SCREW M8X20 UNI5931 ZINC PLATED	12
0801.29	KEY A22X14X70 UNI6604-A	1	1805.81	SOCKET HEAD SCREW M18X180 UNI5931 12.9 GEOMET	8
1101.H6	OR D47,29X2,62 RIF 3187	1	1805.82	SOCKET HEAD SCREW M18X60 UNI5931 12.9 GEOMET	16
1101.J3	OR D10,78X2,62 RIF 3043 90SHORE ^D	3	1805.86	HEX SCREW M10X65	6
1101.P6	OR D57,15X3,53 RIF 161	6	1807.26	HEX SCREW M12X130 DIN6921 INOX ^D	3
1101.Q5	OR D75,79X3,53 RIF 4300 ^{B C}	3	6000.C4	PISTON ROD SUBASSEMBLY	3
1101.R4	OR D275,00x4,00 RIF 2750-40	1	6006.B9	VALVE SUBASSEBLY ^A	3
1101.R8	OR D158,3x3.53 RIF 4625	4	6006.C1	VALVE SUBASSEBLY ^A	3
1101.R9	OR D44,04X3,53 RIF 4175 90SHORE ^A	6	^A 6072.03	KIT 257	
1205.78	PISTON D36	3	^B 6700.10	KIT 310	
1221.74	PRESSURE RING D36 ^C	3	^C 6600.11	KIT 311	
1242.P4	M12 UNI-ISO3266 ZINC PLATED EYEBOLT	2	^D 6072.06	KIT 260	

WEIGHT LUBRICATION

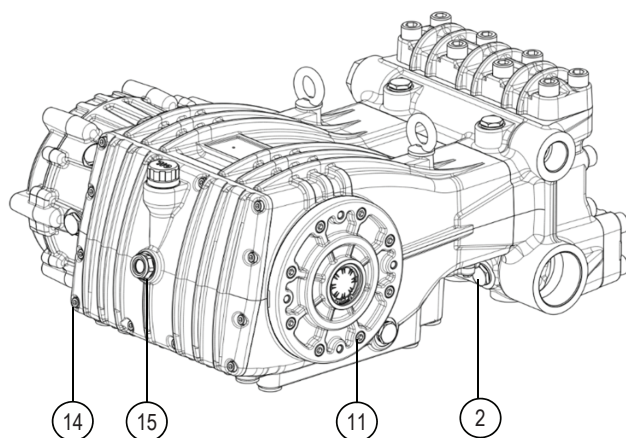
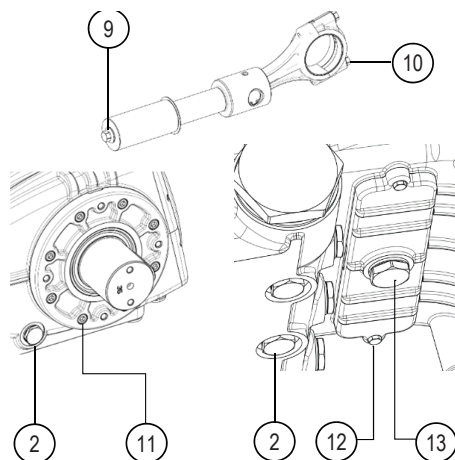
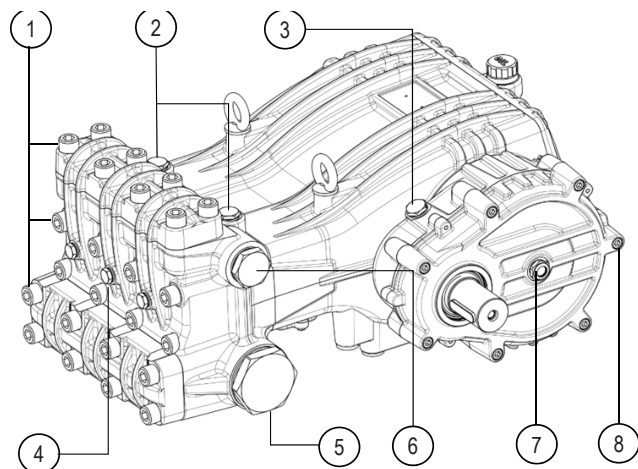
367.5 LBS
237 OZ 85W-90 OIL

***Dimensional Drawings are
Shown in Millimeters.
To Convert to Inches,
Multiply Dimension x 0.03937***

HX SERIES PUMPS - 80mm SOLID SHAFT



TORQUE SPECS



Position	Description	Torque	
1	Head M18 screw	450 Nm	332 ft/lb
2	Valve cover M18 screw		
2	Plug G1/2"	100 Nm	74 lb/ft
3	Plug G1/2" 74 lb/ft	100 Nm	74 lb/ft
	Magnetic plug G1/2"	25 Nm	18.4 lb/ft
4	Plug G1/4"	50 Nm	37 lb/ft
5	Plug G2"		
	Plug G2"-1/2	250 Nm	184.4 lb/ft
6	Plug G1"-1/4 74 lb/ft	250 Nm	184.4 lb/ft
	Plug G1"	200 Nm	147.5 lb/ft
7	Oil level sight glass G1/2"	25 Nm	18.4 lb/ft
8	Screw M10	50 Nm	37 lb/ft
9	Screw M12	50 Nm	37 lb/ft
10	Screw M10	50 Nm	37 lb/ft
11	Screw M10	50 Nm	37 lb/ft
12	Screw M6	11 Nm	8.1 lb/ft
13	Plug G3/4"	100 Nm	74 lb/ft
14	Screw M8	25 Nm	18.4 lb/ft
15	Oil level sight glass G3/4"	25 Nm	18.4 lb/ft