

MK-LWS-446-EP

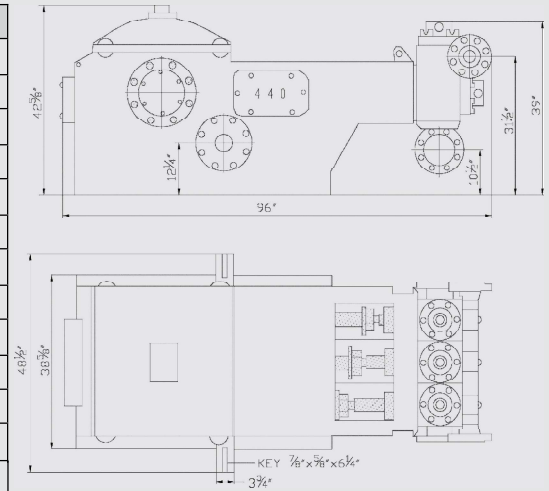
DESIGN FEATURES

The MK-LWS-446-EP pump is triplex single acting piston / plunger pump, designed as a intermittent / continuous duty pump that is fully interchangeable with the equivalent OEM. The pump has all standard features of an MKP pump with a high strength steel frame mounted on a pony skid.



SPECIFICATIONS: MK-LWS-446-EP Triplex Pump

MODEL	MK-LWS-446-EP	
Input Power	440 HP	324 kW
Max Stroke per Minute	300	
Stroke	6 inch	152.4 mm
Gear Ratio	4.578 : 1	
Max Operation Pressure	6500 psi	35 mPa
Max. Liner Dia.	6 inch	
Valve pot	API 4	
Piston Rod	API SA-2 (1 inch piston bore)	
Suction Manifold	150 Flange – 6 inch	
Discharge Manifold	900 Flange – 3 inch	
Key	7/8" x 5-1/8" x 6-1/4"	
Dimensions	98" x 48" x 44"	
Weight	9840 lbs	4463 kg



PERFORMANCE: MK-LWS-446-EP Triplex Pump

			Stroke per Minute	300	270	220	170	120	70
			Horsepower	440	396	323	250	176	103
Model	Cylinder Dia.	Pressure	Gal. per	Gal. per Minute					
446-EP	6"	1027	2.203	661	595	485	375	265	155
	5-1/2"	1222	1.851	555	500	408	315	222	130
	5"	1479	1.530	459	413	336	250	184	107
	4-1/2"	2451	1.239	372	335	273	211	149	87
			Stroke per Minute			220	170	120	70
			Horsepower			440	334	240	138
Model	Cylinder Dia.	Pressure	Gal. per	Gal. per Minute					
446-EP	4-1/4"	2740	1.105			243	188	133	77
	4"	3130	0.979			215	166	117	69
	3-3/4"	3523	0.861			189	146	103	60
	3-1/2"	4045	0.750			165	127.5	90	52.5
	3"	5000	0.551			121	93.5	66	38.5