



HIGH PRESSURE PLUNGER PUMP



General Specifications

- Maximum Performance 4.8 gph (18 lph) @ 1500 PSI (100 BAR)
- Liquid End - 316L Stainless Steel
- Duplex Steel Plunger - 2205 SAF
- Plunger Packing - Braided PTFE and Kevlar
- Manual Micrometer adjustment with 0.1% Resolution

Features

- Fully mechanical gear components submerged in oil produce extended performance
- Double check valves enhance dosing accuracy
- Braided packing increases pump longevity and reliability
- Multiplex capabilities for up to 4 liquid ends
- Anodized and powder coated aluminum housing provides protection against the harshest chemicals



METERING PUMP

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KP High Pressure - Pump Performance Chart

Model	SPM @1750 RPM	Capacity @ 60 Hz		Pressure		Connection		Motor
		GPH	LPH	PSI	BAR	NPT/BPT	Flange	
KPL-10	20	0.14	0.5	1500	100	1/2"	1/2"	1/2 Hp
	31	0.21	0.8	1500	100	1/2"	1/2"	1/2 Hp
	46	0.31	1.2	1500	100	1/2"	1/2"	1/2 Hp
	60	0.41	1.6	1500	100	1/2"	1/2"	1/2 Hp
KP-10	20	0.3	1.1	1500	100	1/2"	1/2"	1/2 Hp
	31	0.4	1.7	1500	100	1/2"	1/2"	1/2 Hp
	46	0.7	2.5	1500	100	1/2"	1/2"	1/2 Hp
	60	0.9	3.3	1500	100	1/2"	1/2"	1/2 Hp
	76	1.1	4.3	1500	100	1/2"	1/2"	1/2 Hp
	92	1.4	5.2	1500	100	1/2"	1/2"	1/2 Hp
	106	1.6	6.2	1500	100	1/2"	1/2"	1/2 Hp
	121	1.9	7.0	1500	100	1/2"	1/2"	1/2 Hp
138	2.1	8.0	1500	100	1/2"	1/2"	1/2 Hp	
KP-15	20	0.7	2.5	1500	100	1/2"	1/2"	3/4 Hp
	31	1.0	3.8	1500	100	1/2"	1/2"	3/4 Hp
	46	1.5	5.6	1500	100	1/2"	1/2"	3/4 Hp
	60	2.0	7.4	1500	100	1/2"	1/2"	3/4 Hp
	76	2.6	10.0	1500	100	1/2"	1/2"	3/4 Hp
	92	3.1	12.0	1500	100	1/2"	1/2"	3/4 Hp
	106	3.7	14.0	1500	100	1/2"	1/2"	3/4 Hp
	121	4.2	16.0	1500	100	1/2"	1/2"	3/4 Hp
	138	4.8	18.0	1500	100	1/2"	1/2"	3/4 Hp

	Liquid End	Plunger	Plunger Packing	Valve Seat	Valve Ball	Valve Guide	Valve Seal
Material	316L SS	SAF 2205	PTFE+Kevlar	316L SS	316L SS	316L SS	FKM



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