



High Pressure Plunger Pump



TKM "KP" Plunger is pump is designed for low flows with pressures up to 1500 psi (100 bar). The Liquid End is fabricated from 316L SS with the plunger constructed of 2205 SAF Duplex Steel for added durability. The plunger packing is constructed of braided PTFE and Kevlar compressed by an adjustable gland nut for extended life with minimal leakage

Features

- All metallic gear components submerged in oil bath for extended life
- Double check valve for increased accuracy
- Multiplex up to four liquid ends
- Anodized aluminum housing then powder coated to provide protection against the harshest chemicals



Metering Pump

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KP..HP - 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	1500	100	1/2"	1/2"	3/4 Hp
	92	3.1	12	1500	100	1/2"	1/2"	3/4 Hp
	106	3.7	14	1500	100	1/2"	1/2"	3/4 Hp
	121	4.2	16	1500	100	1/2"	1/2"	3/4 Hp
	138	4.8	18	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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