



MECHANICAL DIAPHRAGM



METERING PUMP

**KEEP BUSINESS
PUMPING**

Quality Standards

- Flow capacities up to 165GPH (626 LPH)
- Multiplex: two to four separate liquid ends, each with independent gear ratio
- Completely metallic gear drive with hardened eccentric submerged in oil
- Multilayered PTFE diaphragm with reinforced backing
- No degassing valve required
- Anodized aluminum housing, power coated to provide protection against the harshest chemicals
- Liquid end: 316L SS, PVC, PVDF

***Alloy 20, Hastelloy, PTFE available**

General Standard Features

- Lost motion metering pump
- NEMA 56C and IEC B14 MOTORS
- Liquid end 316L SS, PVC, and PVDF
- Pressure up to 150 PSI (10 bar)
- Temperature up to 113°F (45°C)
- Threaded connections female NPT
- Multi-layered Diaphragm
- Excellent suction lift capability
- Oil bath for extended gear and bearing life



Stainless Steel, PVDF, PVC



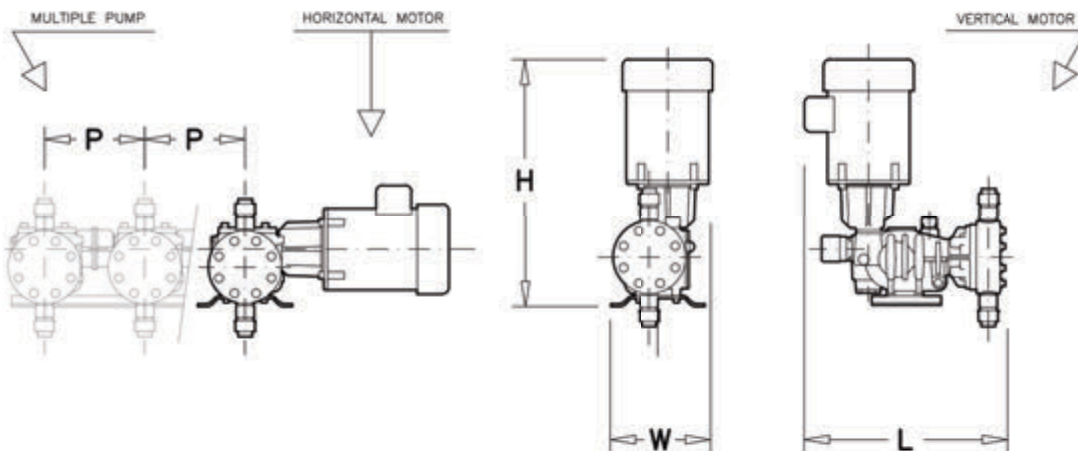
All the K pump designs (KM, KP, KH) can be coupled together in the same multiplex unit

- Easy to read adjustable knob with 10:1 Turn down
- 0-100% manual adjustment



Optional Features

- Vertical or horizontal motor mount
- Flanged connections
- Hazardous area protection



OVERALL DIMENSIONS

DIM	INCH	MM
L	18	460
H *	21	530
W	10	250
P	8	203

* H Value refers to
NEMA Motor 0,5 HP frame 56 C

KM - Pump Performance Chart

Model	Strokes Per Minute		Capacity				Pressure		Connection		Motor
	1750 RPM	1460 RPM	@60Hz		@50Hz		PSI	BAR	NPT/BPT	Flange	HP (kW)
			GPH	LPH	GPH	LPH					
KM70	31	26	1.5	5.7	1.3	4.7	150	10	1/2"	1/2"	1/2 (.33)
	46	38	2.2	8.3	1.8	6.9	150	10	1/2"	1/2"	1/2 (.33)
	60	50	2.9	11	2.4	9.1	150	10	1/2"	1/2"	1/2 (.33)
	76	63	3.8	14	3.2	12	150	10	1/2"	1/2"	1/2 (.33)
	92	77	4.6	17	3.8	15	150	10	1/2"	1/2"	1/2 (.33)
	106	88	5.3	20	4.4	17	150	10	1/2"	1/2"	1/2 (.33)
	121	101	6.1	23	5.1	19	150	10	1/2"	1/2"	1/2 (.33)
KM102	138	115	7.2	27	6.0	23	150	10	1/2"	1/2"	1/2 (.33)
	46	38	11	42	9.3	35	150	10	1/2"	1/2"	1/2 (.33)
	60	50	15	57	13	48	150	10	1/2"	1/2"	1/2 (.33)
	76	63	19	73	16	61	150	10	1/2"	1/2"	1/2 (.33)
	92	77	24	90	20	75	150	10	1/2"	1/2"	1/2 (.33)
	106	88	27	103	23	86	150	10	1/2"	1/2"	1/2 (.33)
	121	101	31	118	26	98	150	10	1/2"	1/2"	1/2 (.33)
KM132	138	115	37	139	31	116	150	10	1/2"	1/2"	1/2 (.33)
	46	38	29	108	24	90	150	10	3/4"	1"	1/2 (.33)
	60	50	38	145	32	121	150	10	3/4"	1"	1/2 (.33)
	76	63	49	185	41	154	150	10	3/4"	1"	3/4 (.56)
	92	77	61	229	50	191	150	10	3/4"	1"	3/4 (.56)
	106	88	70	264	58	220	150	10	3/4"	1"	3/4 (.56)
	121	101	79	300	66	250	150	10	3/4"	1"	3/4 (.56)
KM162	138	115	94	355	78	296	150	10	3/4"	1"	3/4 (.56)
	46	38	51	191	42	159	85	6	1"	1"	3/4 (.56)
	60	50	68	256	56	213	85	6	1"	1"	3/4 (.56)
	76	63	86	326	72	272	85	6	1"	1"	3/4 (.56)
	92	77	107	404	89	336	85	6	1"	1"	3/4 (.56)
	106	88	123	465	102	387	85	6	1"	1"	3/4 (.56)
	121	101	140	529	117	441	85	6	1"	1"	3/4 (.56)
KM162	138	115	165	626	138	522	85	6	1"	1"	3/4 (.56)



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