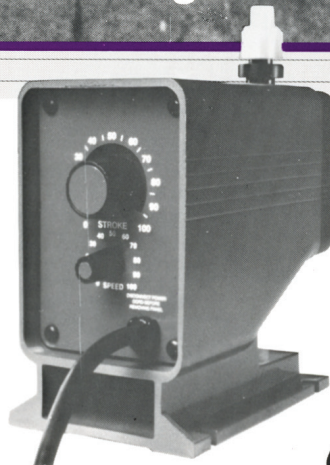


Electronic Metering Pumps

Series PB

Flow to 30 gpd
Pressure to 150 psig



Features:
Lowest Cost Alternative
Manual Function
Controls for
Stroke Rate
and Length

Series PE

Flow to 44 gpd
Pressure to 250 psig



Features:
Manual Function
Highly Accurate Digital
Timing Circuit
Thermally Protected
Solenoid with
Auto-Reset

Series PEP

Flows to 190 gpd
Pressures to 250 psig



Features:
Panel Mounted Circuit
Breaker
Auto-Off-Manual Switch
Indicator Lights
Bleed Valve Assembly

Recommended for:
Cooling Water Treatment
Boiler Water Treatment
Water Clarification
Disinfection of Drinking Water
Taste, Color and Odor Control

Penguin electronic metering pumps offer the greatest accuracy because of a guided valve design and the high degree of sphericity of the ball check valves which provide a true seal. The digital timing circuit is virtually unaffected by temperature, EMI and other electrical disturbances. Teflon-faced, metal-reinforced diaphragms are designed and constructed to exacting standards for leak-free, sealless integrity and long life. A straight flow path and ample clearance between the diaphragm and head allow chemicals with viscosities of 3000 cps to be pumped efficiently. Series PB and series PE/PEP have a maximum temperature of 150°F and 190°F respectively. On series PEP, a bleed valve is provided to evacuate the entrapped air or vapors

from the pump head to aid in priming. Series PB materials of construction are PVC with a Teflon faced neoprene-backed diaphragm. Series PE and PEP are constructed of glass-filled polypropylene with a Teflon faced hypalon-backed diaphragm. A special recommended spare parts kit is available for preventative maintenance and minimized down time.

PENGUIN 
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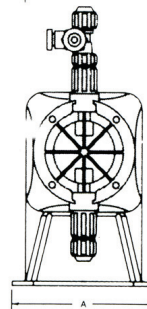
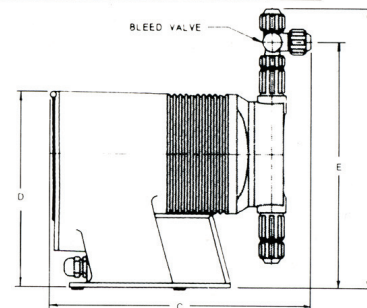
Electronic Metering Pumps

Series PA/PE/PEP Specifications

Model	Gallons Per Day	Maximum Pressure PSIG	Maximum Viscosity CPS	Maximum Stroke Frequency SPM	Connections ID/OD/Ball Size	Motor				Dimensions			
						Volts	Hertz	Phase	Amps	Ht	Wth	Lth	Wt
PB03SA-PTC1	12	150	300	130	1/4" - 3/8" - 1/4"	115/230	50/60	1	0.7	8	5	8	8
PB64SA-PTC1	30	100	300	130	1/4" - 3/8" - 1/4"	115/230	50/60	1	0.7	8	5	8	8
PE12S1-PTC1	5	250	3000	125	1/4" - 3/8" - 1/4"	115/230	50/60	1	0.6	10	6	10	15
PE33S1-PTC1	11	250	3000	125	1/4" - 3/8" - 1/4"	115/230	50/60	1	0.6	10	6	10	15
PEO2S1-PTC1	6	150	3000	125	1/4" - 3/8" - 1/4"	115/230	50/60	1	0.6	10	6	10	15
PE13S1-PTC1	12	150	3000	125	1/4" - 3/8" - 1/4"	115/230	50/60	1	0.6	10	6	10	15
PE34S1-PTC1	21	150	3000	125	1/4" - 3/8" - 1/4"	115/230	50/60	1	0.6	10	6	10	15
PEO3S1-PTC1	12	100	3000	125	1/4" - 3/8" - 1/4"	115/230	50/60	1	0.6	10	6	10	15
PE14S1-PTC1	24	100	3000	125	1/4" - 3/8" - 1/4"	115/230	50/60	1	0.6	10	6	10	15
PE44S1-PTC1	44	100	3000	125	1/4" - 3/8" - 1/4"	115/230	50/60	1	0.6	10	6	10	15
PEPB2S1-PTC1	5	250	3000	125	1/4" - 3/8" - 1/4"	115/230	50/60	1	1.0	12	7	12	23
PEPD3S1-PTC1	11	250	3000	125	1/4" - 3/8" - 1/4"	115/230	50/60	1	1.0	12	7	12	23
PEPF4S1-PTC1	20	250	3000	125	1/4" - 3/8" - 1/4"	115/230	50/60	1	1.0	12	7	12	23
PEPH4S1-PTC1	40	250	3000	125	1/4" - 3/8" - 1/4"	115/230	50/60	1	1.0	12	7	12	23
PEPA2S1-PTC1	6	150	3000	125	1/4" - 3/8" - 1/4"	115/230	50/60	1	1.0	12	7	12	23
PEPB3S1-PTC1	12	150	3000	125	1/4" - 3/8" - 1/4"	115/230	50/60	1	1.0	12	7	12	23
PEPD4S1-PTC1	21	150	3000	125	1/4" - 3/8" - 1/4"	115/230	50/60	1	1.0	12	7	12	23
PEPG4S1-PTC1	42	150	3000	125	1/4" - 3/8" - 1/4"	115/230	50/60	1	1.0	12	7	12	23
PEPH5S1-PTC3	75	150	3000	125	3/8" - 1/2" - 3/8"	115/230	50/60	1	1.0	12	7	12	23
PEPA3S1-PTC1	12	100	3000	125	1/4" - 3/8" - 1/4"	115/230	50/60	1	1.0	12	7	12	23
PEPB4S1-PTC1	24	100	3000	125	1/4" - 3/8" - 1/4"	115/230	50/60	1	1.0	12	7	12	23
PEPE4S1-PTC1	44	100	3000	125	1/4" - 3/8" - 1/4"	115/230	50/60	1	1.0	12	7	12	23
PEPG5S1-PTC3	94	100	3000	125	3/8" - 1/2" - 3/8"	115/230	50/60	1	1.0	12	7	12	23
PEPH6S1-PTC3	120	100	3000	125	3/8" - 1/2" - 3/8"	115/230	50/60	1	1.0	12	7	12	23
PEPK7S1-VTC3	190	50	3000	125	3/8" - 1/2" - 3/8"	115/230	50/60	1	1.0	12	7	12	23

Dimensions

Model	A	B		C		D	E
		w/ Bleed Valve	w/o Bleed Valve	w/ Bleed Valve	w/o Bleed Valve		
PAMAS1-ACCX	4.17	-	7.68	-	7.82	6.26	-
PAMBS1-ACCY	4.17	-	7.68	-	7.82	6.26	-
PE12S1-PTC1	5.00	-	8.06	-	8.47	6.44	-
PE33S1-PTC1	5.38	-	9.03	-	10.28	7.42	-
PEO2S1-PTC1	5.00	-	8.06	-	8.47	6.44	-
PE13S1-PTC1	5.00	-	8.31	-	8.41	6.44	-
PE34S1-PTC1	5.38	-	9.03	-	10.28	7.42	-
PEO3S1-PTC1	5.00	-	8.31	-	8.41	6.44	-
PE14S1-PTC1	5.00	-	8.31	-	8.41	6.44	-
PE44S1-PTC1	5.38	-	9.03	-	10.28	7.42	-
PEPB2S1-PTC1	5.38	10.31	-	10.75	-	7.42	8.92
PEPD3S1-PTC1	5.38	10.56	-	10.69	-	7.42	9.17
PEPF4S1-PTC1	5.38	10.56	-	10.69	-	7.42	9.17
PEPH4S1-PTC1	5.38	10.93	-	11.19	-	8.17	9.54
PEPA2S1-PTC1	5.38	10.31	-	10.75	-	7.42	8.92
PEPB3S1-PTC1	5.38	10.56	-	10.69	-	7.42	9.17
PEPD4S1-PTC1	5.38	10.56	-	11.19	-	7.42	9.17
PEPG4S1-PTC1	5.38	10.56	-	11.69	-	7.42	9.17
PEPH5S1-PTC3	6.12	11.30	-	11.19	-	8.17	9.91
PEPA3S1-PTC1	5.38	10.56	-	10.69	-	7.42	9.17
PEPB4S1-PTC1	5.38	10.56	-	10.69	-	7.42	9.17
PEPG5S1-PTC1	5.38	10.93	-	11.19	-	7.42	9.54
PEPH6S1-PTC3	6.12	11.30	-	11.19	-	8.17	9.91
PEPJ7S1-PTC3	6.12	11.68	-	11.95	-	8.17	10.29



FILTER PUMP INDUSTRIES

A Division of Penguin Pumps, Inc.
7932 Ajay Drive, Sun Valley, CA 91352
(818) 504-2391 FAX (818) 768-7590