

Simple - Cost effective - Reliable

The standard version of the ProMinent Vario C motor driven pump is fitted with an 115V 60 Hz AC motor. It has a capacity range of 2.5 to 20.3 gph (9.6 to 76.8 l/h) at a maximum backpressure of 145-58 psig (10-4 bar). The pump capacity is adjusted by varying the stroke length (3mm) in 1% steps via a self-locking adjusting knob. The repeatable dosing accuracy is better than +/- 2% with correct installation and in the stroke length range of 30-100% (installation instructions in the operating manual must be followed). The rugged,

corrosion resistant plastic housing is rated NEMA 4X. To facilitate adaptation of the pumps to the widest possible range of process requirements we offer a choice of four gearbox ratios, two liquid end sizes and two liquid end materials (PVDF, SS). For safety reasons, all motor driven dosing pumps must be equipped with adequate protection against electrical and mechanical overload.



ProMinent® Vario C

Benefits

- Versatility:** (Two liquid end sizes, two liquid end materials - PVDF, SS)
- Durability:** (Rugged, corrosion resistant plastic housing)
- Affordability:** (Simple to operate, few features)
- Features:**
 - Capacity range of 2.5 to 20.3 gph (9.6 to 76.8 l/h) at max pressure of 145-8 psi (10-4 bar).
 - Four stroking rates available

Liquid End Materials of Construction

Material Code	Dosing Head	Suction/Discharge Connectors	Seals	Valve Balls	Valve Seat
PVT	PVDF (Polyvinylidene Fluoride)	PVDF	PTFE	Ceramic	PTFE
SST	Stainless Steel	Stainless Steel	PTFE	Stainless Steel	PTFE

DEVELOPAN® diaphragm with PTFE coating in all models

Technical Data

Vario C

Pump Type	Pump Capacity at Maximum Back Pressure		Max. Stroke Rate		Max. Inlet Pressure	Max. Suction Lift	Suction/Discharge Connector	Shipping Weight	
VAM	psig	(bar)	U.S. GPH	(L/h)	Stroke/min.	psi	(water) ft. (m)	size	(approx.) lbs. (kg)
10008 PVT	145	(10)	2.5	(9.6)	45	2.8	23 (7)	1/2" MNPT	13.2 (6.0)
10008 SST	145	(10)	2.5	(9.6)	45	2.8	23 (7)	3/8" FNPT	15.9 (7.2)
10016 PVT	145	(10)	5.1	(19.2)	92	2.8	23 (7)	1/2" MNPT	13.2 (6.0)
10016 SST	145	(10)	5.1	(19.2)	92	2.8	23 (7)	3/8" FNPT	15.9 (7.2)
07026 PVT	102	(7)	8.2	(31.2)	144	2.8	23 (7)	1/2" MNPT	13.2 (6.0)
07026 SST	102	(7)	8.2	(31.2)	144	2.8	23 (7)	3/8" FNPT	15.9 (7.2)
07042 PVT	102	(7)	13.3	(50.4)	230	2.8	23 (7)	1/2" MNPT	13.2 (6.0)
07042 SST	102	(7)	13.3	(50.4)	230	2.8	23 (7)	3/8" FNPT	15.9 (7.2)
07012 PVT	102	(7)	3.8	(14.3)	45	1.7	20 (6)	1/2" MNPT	13.2 (6.0)
07012 SST	102	(7)	3.8	(14.3)	45	1.7	20 (6)	3/8" FNPT	15.9 (7.2)
07024 PVT	102	(7)	7.6	(28.8)	92	1.7	20 (6)	1/2" MNPT	13.2 (6.0)
07024 SST	102	(7)	7.6	(28.8)	92	1.7	20 (6)	3/8" FNPT	15.9 (7.2)
04039 PVT	58	(4)	12.7	(48)	144	1.7	20 (6)	1/2" MNPT	13.2 (6.0)
04039 SST	58	(4)	12.7	(48)	144	1.7	20 (6)	3/8" FNPT	15.9 (7.2)
04063 PVT	58	(4)	20.3	(76.8)	230	1.7	20 (6)	1/2" MNPT	13.2 (6.0)
04063 SST	58	(4)	20.3	(76.8)	230	1.7	20 (6)	3/8" FNPT	15.9 (7.2)

Model Part Numbers & Accessories

Pump Model	Part no.	Pump Model	Part no.
VAMc10008PVT	7781408	VAMc07012PVT	7781416
VAMc10008SST	7781409	VAMc07012SST	7781417
VAMc10016PVT	7781410	VAMc07024PVT	7781418
VAMc10016SST	7781411	VAMc07024SST	7781419
VAMc07026PVT	7781412	VAMc04039PVT	7781420
VAMc07026SST	7781413	VAMc04039SST	7781421
VAMc07042PVT	7781414	VAMc04063PVT	7781422
VAMc07042SST	7781415	VAMc04063SST	7781423

Foot Valves	Part no.	Injection Valves	Part no.
1/2" (DN10) MNPT PTFE/PTFE (PVDF)	809466	1/2" (DN10) MNPT PTFE/PTFE (PVDF)	809462
3/8" (DN10) FNPT SS/PTFE (stainless steel)	809467	3/8" (DN10) FNPT SS/PTFE (stainless steel)	809463

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