

Section 17 Metering Pump Instruction

Metering Pump List

NO.	KKS Code	Equipment Name	Qty.	Specification	Pump Model	Motor Power	Remark
1	00GBN10AP011 00GBN10AP012 00GBN10AP013 00GBN10AP014	Coagulant dosing pump A/B/C/D	4	Q=50L/h, P=10bar	GM0050P	0.25kW	Attachment 01
2	00GBN20AP001 00GBN20AP002 00GBN20AP003 00GBN20AP004	Flocculant dosing pump A/B/C/D	4	Q=464L/h, P=7bar	GB0500P	0.55kW	Attachment 02
3	00GBN30AP011 00GBN30AP012	Raw seawater NaClO dosing pump A/B	2	Q=15.1L/h, P=12.1bar	C766-368TI	44W	Attachment 03
4	00GKB50AP001 00GKB50AP002	Living water NaClO dosing pump A/B	2	Q=3.8L/h, P=7.6bar	P756-368TI	22W	Attachment 03
5	00GBN30AP021 00GBN30AP022	UF EFM / CIP NaClO dosing pump A/B	2	Q=1000L/h, P=11bar	MBH402-8M	1.5kW	Attachment 04
6	00GFP10AP001 00GFP10AP002 00GFP10AP003	SWRO antiscalant dosing pump A/B/C	3	Q=25L/h, P=12bar	GM0025P	0.25kW	Attachment 01
7	00GFP20AP001 00GFP20AP002	BWRO antiscalant dosing pump A/B	2	Q=6.1L/h, P=10.3bar	B716-368TI	29W	Attachment 03
8	00GFP30AP001 00GFP30AP002	Sodium bisulfite dosing pump A/B	2	Q=50L/h, P=10bar	GM0050P	0.25kW	Attachment 01

Parts List for GB 0500 PVC

Item Number	Description	Material	Part Number	Qty.
	Check Valve Assembly(PVC LE)	-	H60921	2
	Check Valve Assembly(PVDF LE)	-	H60817	2
	Check Valve Assembly (316SS LE)	-	H60922	2
	Suction Check Valve Assembly (High Viscosity)	-	H60965	1
	Discharge Check Valve Assembly (High Viscosity)	-	H60966	1
240	Diaphragm Cap (PVC LE)	-	S60628	1
	Diaphragm Cap (PVDF LE)	-	S60030	1
	Diaphragm Cap (316 SS LE)	-	S60631	1
270	Support Nut	304SS	S60632	1
260	Diaphragm D82	Gylon	60618	1
250	Screw M10 x 45	A2-70	S4350071284	1
230	Diaphragm Support Ring	PP	S60035	1
280	Head (PVC LE)	PVC	S60033	1
	Head (PVDF LE)	PVDF	S0210780078N	1
	Head (Metallic LE)	316 SS	H60977	1
	Head (316 SS LE)	316 SS	S210760016	1
435C	Plug 1/16" NPT	316 SS	H69817	1
290	Socket Head Cap Screw M8 x 50 (316SS LE)	A2-70	H65599	6
290 300 378	Bolts subassembly, M8 x 90(included bolts and washer) (PVC, PVDF LE)	stainless steel	H65281	6
300	Washer 8(316SS LE)	A2	S4340005085N	6
378	Washer 8(316SS LE)	A2	S4340009002	6
435	Nut, 1/2" (PVC, PVDF LE)	PVC	S4320236038	2
445	Union End (PVC LE)	PVC	S60117	2
	Union End (PVDF LE)	PVDF	S60119	2
	Coupling, 1" BSP x 1/2" NPT (316 SS LE)	316 SS	S60135	2

Note:

1. Check valve assembly, including O-ring(419), seat(420), ball check (421/422), ball guide(424).
2. High viscosity discharge check valve assembly, including O-ring(419), Seat(420), ball check (421/422), ball guide(424/425), spring(419), spring seat(426).
High viscosity suction check valve assembly, including O-ring(419), Seat(420), ball check (422), ball guide(424).