

23. Dosing and disinfection

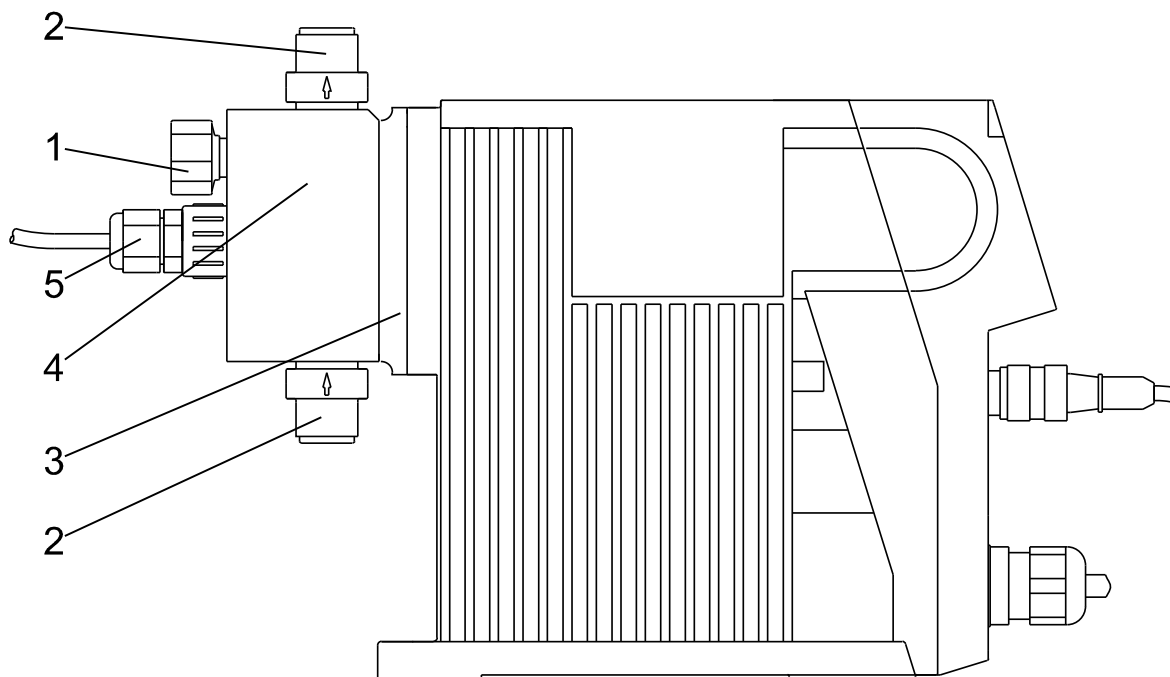
DDI

DDI 209

Maintenance kit

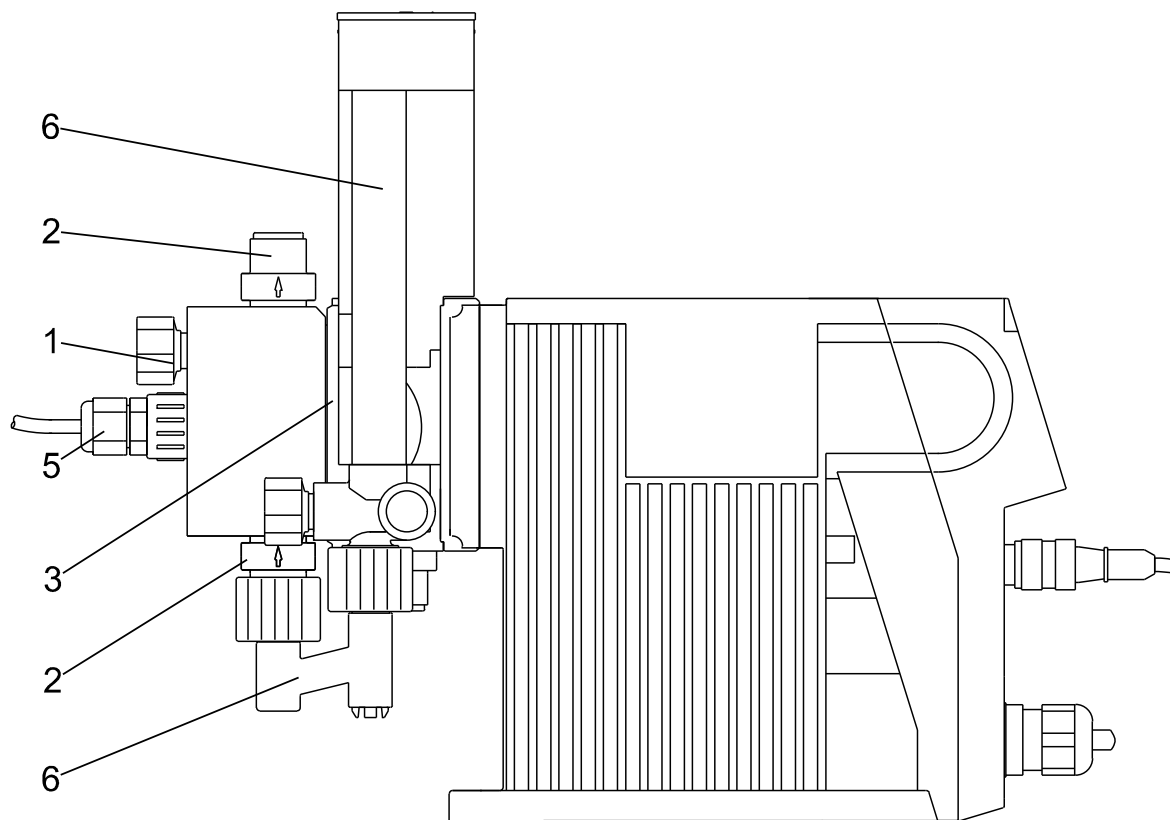
Pump				Valves + diaphragm (2 valves + diaphragm)	Diaphragm	Venting valve	Dosing head			
			Head				Head w. flow monitor			
Model	Version	Pos.	Standard	2 x 2 + 3	3	1	1,2 x 2,3,4	1,2 x 2,3,4,5		
			Plus 3	2 x 2 + 3	3	1	2 x 2,3,6	2 x 2,3,6		
		Materials								
		Head	Gasket	Ball						
DDI 0.4-10	Standard	PP	EPDM	Ceramic	96640194	98337186	98367756	98354149	98164413	
		PP	FKM	Ceramic	96688957	98337186	98369884	98354171	98164432	
		PVC	EPDM	Ceramic	96636330	98337186	98369911	98354175	98164433	
		PVC	FKM	Ceramic	96729364	98337186	98369919	98354176	98164365	
		PVC	PTFE	Ceramic	98327521	98337186	98369911	98354179	-	
		PVC	PTFE	PTFE	98156956	98337186	98369911	98354213	-	
		PVDF	EPDM	Ceramic	98327611	98337186	98369931	98354482	-	
		PVDF	FKM	Ceramic	98327618	98337186	98369932	-	-	
		PVDF	PTFE	Ceramic	91835866	98337186	98369931	98354554	98162113	
		PVDF	PTFE	PTFE	98327625	98337186	98369931	98354555	-	
		SS	EPDM	SS	98336647	98337186	98369931	-	-	
		SS	FKM	SS	98327670	98337186	98369932	98354632	98365607	
		SS	PTFE	SS	98327693	98337186	98369931	98354635	98158883	
	Plus 3	PP	EPDM	Ceramic	96688850	98337293	98367756	98354636	98158860	
		PP	FKM	Ceramic	96688849	98337293	98369884	98354638	98158748	
		PVC	EPDM	Ceramic	91835905	98337293	98369911	98354661	98356006	
		PVC	FKM	Ceramic	91835901	98337293	98369919	98354673	98359521	
	DDI 2.2 - 16 DDI 2.5 - 10 DDI 5.5 - 10	Standard	PP	EPDM	Ceramic	96634415	98337640	98367756	98354771	98354810
			PP	FKM	Ceramic	91836540	98337640	98369884	98354776	98354557
			PVC	EPDM	Ceramic	96643263	98337640	98369911	98354790	98354489
			PVC	FKM	Ceramic	96688816	98337640	98369919	98354802	98368920
PVC			PTFE	Ceramic	96729545	98337640	98369911	98354807	98368964	
PVC			PTFE	PTFE	95707374	98337640	98369911	-	-	
PVDF			EPDM	Ceramic	98328157	98337640	98369931	98354819	-	
PVDF			FKM	Ceramic	98328174	98337640	98369932	98356000	-	
PVDF			PTFE	Ceramic	96641403	98337640	98369931	98356004	98369021	
PVDF			PTFE	PTFE	98328177	98337640	98369931	-	-	
SS			EPDM	SS	98336665	98337640	98369931	-	-	
SS		FKM	SS	98328183	98337640	98369932	98359526	98369259		
SS		PTFE	SS	98328206	98337640	98369931	98359527	98369275		
Plus 3		PP	EPDM	Ceramic	96688851	98337641	98367756	98157872	98369296	
		PP	FKM	Ceramic	91836604	98337644	98369884	98158466	98369309	
		PVC	EPDM	Ceramic	96645650	98337641	98369911	98158492	98369354	
		PVC	FKM	Ceramic	96641420	98337644	98369919	91835885	98369355	
DDI 13,8-4	Standard	PP	EPDM	Ceramic	98337012	98337650	98369933	98369998	98369934	
		PP	FKM	Ceramic	96729512	98337650	98369935	98370000	98369937	
		PVC	EPDM	Ceramic	98337015	98337650	98369940	98370002	98369939	
		PVC	FKM	Ceramic	96656267	98337650	98369962	98370003	98369963	
		PVC	PTFE	Ceramic	98337016	98337650	98369964	98370004	-	
		PVC	PTFE	PTFE	95715912	98337650	98369964	98370005	-	
		PVDF	PTFE	Ceramic	95726369	98337650	98369967	98370007	98369966	
		SS	EPDM	SS	98337117	98337650	-	-	-	
		SS	FKM	SS	98337163	98337650	98369969	98370006	98369993	
		SS	PTFE	SS	98337168	98337650	98369992	98370010	98369994	
DDI 20-3	Standard	PP	EPDM	Ceramic	98337012	98337650	98369933	98159567	98369371	
		PP	FKM	Ceramic	96729512	98337650	98369935	98159583	98369372	
		PVC	EPDM	Ceramic	98337015	98337650	98369940	98159585	98369374	
		PVC	FKM	Ceramic	96656267	98337650	98369962	98159589	98369380	
		PVC	PTFE	Ceramic	98337016	98337650	98369964	98159868	-	
		PVC	PTFE	PTFE	95715912	98337650	98369964	98159820	-	
		PVDF	EPDM	Ceramic	98337099	98337650	-	98159863	-	
		PVDF	PTFE	Ceramic	95726369	98337650	98369967	98162112	98369385	
		PVDF	PTFE	PTFE	91835878	98337650	98369967	-	-	
		SS	EPDM	SS	98337117	98337650	-	-	-	
SS	FKM	SS	98337163	98337650	98369969	98164371	98369383			
SS	PTFE	SS	98337168	98337650	98369992	98164377	98369386			

DDI 209 Standard



TM05 6939 0312

DDI 209 Plus 3



TM05 6940 0312

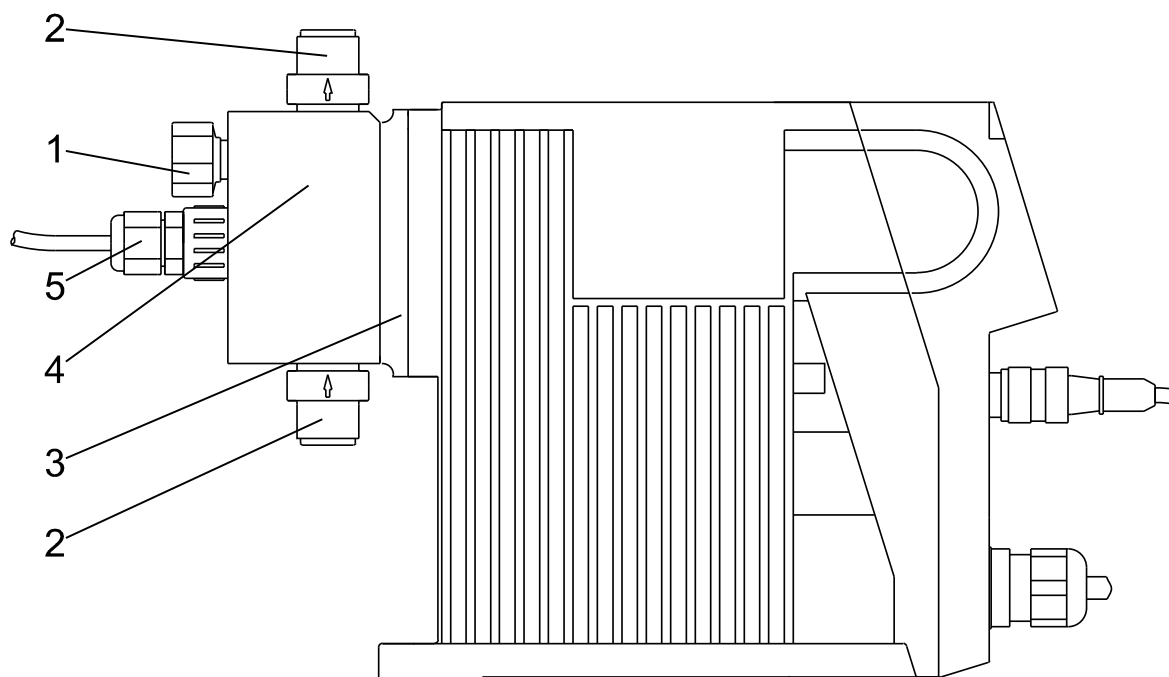
Spring loaded valves

Model	Valve size	Material			Product number
		Body	Gasket	Ball	
DDI 0.4 DDI 2.2 DDI 2.5 DDI 5.5	DN4	PVC	EPDM	Ceramic	98366502
			FKM	Ceramic	98366527
			PTFE	Ceramic	98366528
		PP	EPDM	Ceramic	98366529
			FKM	Ceramic	98366541
			PVDF	Ceramic	98366542
DDI 13.8, 20	DN8	Stainless steel (SS)	FKM	SS	98366544
			PTFE	SS	98366545
			EPDM	Ceramic	98366551
		PVC	FKM	Ceramic	98366546
			PTFE	Ceramic	98366552
			EPDM	Ceramic	98366553
		PP	FKM	Ceramic	98366555
			PTFE	Ceramic	98366557
			FKM	SS	98366558
		Stainless steel (SS)	PTFE	SS	98366559

Kits for ClO₂ applications

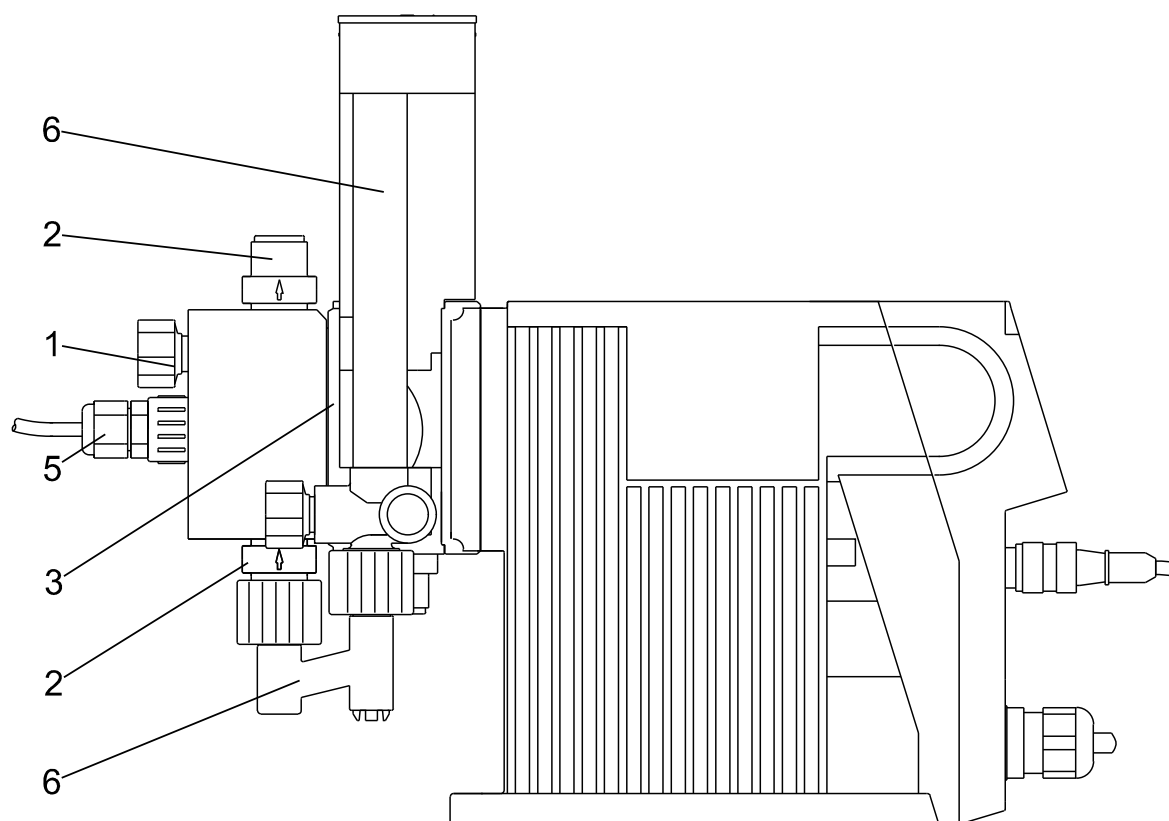
Model	Version	Material			Kit, valves + diaphragm	Kit, diaphragm
		Body	Gasket	Ball	Product number	Product number
DDI 2.2, 2.5, 5.5	Standard	PVC	FKM	Ceramic	96729439	96729439
	Plus 3	PVC	FKM	Ceramic	96688870	96688870

DDI 209 Standard



TM05 6939 0312

DDI 209 Plus 3



TM05 6940 0312

DDI 222

Maintenance kit

Model	Version	Materials				Product number	
		Valve Body	Gasket	Seat	Ball	Valves + Diaphragm	Diaphragm
DDI 60-10	Std.	1.4571	FKM	FKM	1.4401	96688932*	91836522
DDI 60-10	Std.	1.4571	PTFE	PTFE	1.4401	96688933*	91836522
DDI 60-10	Std.	PP	EPDM	EPDM	PTFE	96688939	91836522
DDI 60-10	Std.	PP	FKM	FKM	Glas	96688938	91836522
DDI 60-10	Std.	PVC	EPDM	EPDM	1.4401	91836617	91836522
DDI 60-10	Std.	PVC	FKM	FKM	Glas	96641808	91836522
DDI 60-10	Std.	PVC	PTFE	PTFE	Ceramic	96688927	91836522
DDI 60-10	Std.	PVC	PTFE	PTFE	PTFE	96688928	91836522
DDI 60-10	Std.	PVDF	PTFE	PTFE	PTFE	96641810	91836522
DDI 60-10	abr.	1.4571	FKM	1.4571	1.4401	96688934*	91836522
DDI 60-10	DLD/abr.	1.4571	FKM	1.4571	1.4401	96688937*	95714667
DDI 60-10	DLD	1.4571	FKM	FKM	1.4401	96688935*	95714667
DDI 60-10	DLD	1.4571	PTFE	PTFE	1.4401	96688936*	95714667
DDI 60-10	DLD	PP	EPDM	EPDM	PTFE	96688941	95714667
DDI 60-10	DLD	PP	FKM	FKM	Glas	96688940	95714667
DDI 60-10	DLD	PVC	EPDM	EPDM	1.4401	96688929	95714667
DDI 60-10	DLD	PVC	FKM	FKM	Glas	91836337	95714667
DDI 60-10	DLD	PVC	PTFE	PTFE	Ceramic	96688930	95714667
DDI 60-10	DLD	PVC	PTFE	PTFE	PTFE	96688931	95714667
DDI 60-10	DLD	PVDF	PTFE	PTFE	PTFE	96688942	95714667
DDI 150-4	Std.	1.4571	FKM	1.4571	1.4401	96688949*	96679802
DDI 150-4	Std.	1.4571	PTFE	1.4571	1.4401	96688950*	96679802
DDI 150-4	Std.	PVC-PP	EPDM	PTFE	1.4401	96641222*	96679802
DDI 150-4	Std.	PVC-PP	EPDM	PTFE	PTFE	96688944*	96679802
DDI 150-4	Std.	PVC-PP	FKM	PTFE	Glas	96634524*	96679802
DDI 150-4	Std.	PVC-PP	PTFE	PTFE	Ceramic	96688943*	96679802
DDI 150-4	Std.	PVC-PP	PTFE	PTFE	PTFE	96729504*	96679802
DDI 150-4	Std.	PVDF	PTFE	PTFE	PTFE	96641811*	96679802
DDI 150-4	DLD	1.4571	FKM	1.4571	1.4401	96688952*	98024033
DDI 150-4	DLD	1.4571	PTFE	1.4571	1.4401	96688953*	98024033
DDI 150-4	DLD	PVC-PP	EPDM	PTFE	1.4401	96688946*	98024033
DDI 150-4	DLD	PVC-PP	EPDM	PTFE	PTFE	96688948*	98024033
DDI 150-4	DLD	PVC-PP	FKM	PTFE	Glas	96688945*	98024033
DDI 150-4	DLD	PVC-PP	PTFE	PTFE	Ceramic	96688947*	98024033
DDI 150-4	DLD	PVC-PP	PTFE	PTFE	PTFE	96729505*	98024033
DDI 150-4	DLD	PVDF	PTFE	PTFE	PTFE	96688956*	98024033
DDI 150-4	abr.	1.4571	FKM	1.4571	1.4401	96688951*	96679802

* Only with internal valve parts

Std.: Standard

DLD: Diaphragm leakage detection

abr.: Special valve for abrasive liquids

PVC-PP: kits are suitable for pumps with either PVC or PP heads

DDI 222 with flow monitor (dosing head, flow sensor and PTFE O-ring)

Model	Dosing head material	Kit No
DDI 60-10	PVC	96688965
DDI 60-10	PP	96688967
DDI 60-10	PVDF	96688968
DDI 60-10	Stainless steel (SS)	96688966
DDI 150-4	PVC	96688971
DDI 150-4	PP	96688973
DDI 150-4	PVDF	96688974
DDI 150-4	Stainless steel (SS)	96688972

Important! These kits do not include check valves.

DDI 222 Electronics boards

Model	Description	Voltage	Kit No
DDI 60-150	Display on the side	110-240 AC	96688902
DDI 60-150	Display on the back	110-240 AC	95721737
DDI 60-150 with profibus	Display on the side	110-240 AC	96688904
DDI 60-150 with profibus	Display on the back	110-240 AC	95721739

Cable and connectors

Application		Type	Pins	Coding	Straight/ angled	Length	Other	Kit No
Input	Analog contact for remote switch	Plug connector	4	Groove (nut)	Straight	2		96609014
						5		96609016
						Plug only		96698715
					Angled	2		96693246
Output	Error relay stroke or pre-empty relay	Plug connector	4	Tappet	Straight	2		96609017
						5		96609019
						Plug only		96696198
					Angled	2		96698716
Output	Analog	Plug connector	5	Groove (nut)	Straight	2		96632921
						5		96632922
						Plug only		96609031
					Angled	2		96699697
Combined	Flow monitor in analog out	Plug connector	5	Groove (nut)	Straight	Plug only	2 cable entries	96609030
Input	(Pre-)empty	Plug connector	4	Groove (nut)	Straight	Plug only		96698715
Input	Empty	Flat plug connector	2	Allidos-type	Straight	Plug only	Soldered cable	96679388
Input	(Pre-)empty	Flat plug connector	3	Allidos-type	Straight	Plug only	Soldered cable	96630345
Adaptor flat-round	(Pre-)empty	Plug connector	4	Groove (nut)	Straight	Plug only		96635010
PROFIBUS	Y-connector					Plug only		96693735
PROFIBUS	Terminating resistor					Plug only		96693737
Mains (model 222)	110-240 VAC	Solenoid valve connector	3	DIN 43650	Angled	Plug only		96698717

DME

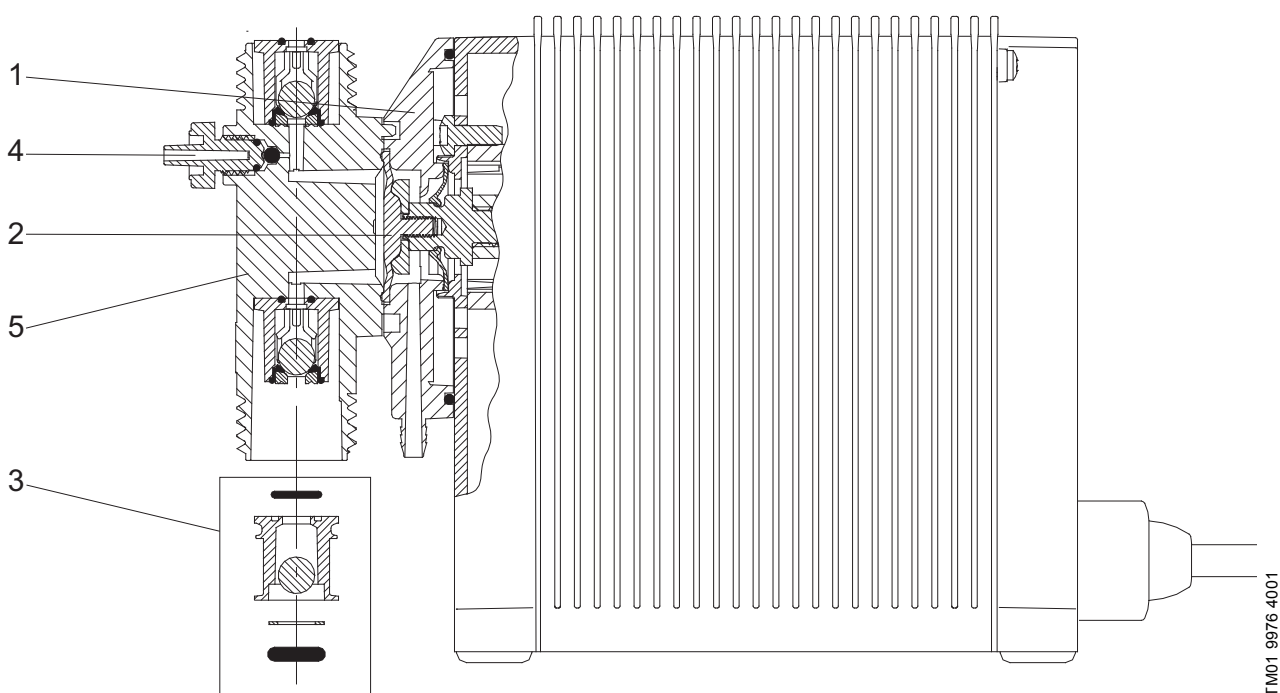
DME, 1 x 100-240 V, 50/60 Hz

Service kit, DME 2 to 48 l/h

Pump	Valves	Materials	Product numbers			
			Complete dosing head pos. 1 + 2 + 3 (x2) + 4 + 5	Valves + diaphragm pos. 1 + 2 + 3 (x2)	Valves pos. 3 (x2)	Diaphragm pos. 2
DME 2-18 DMS 2-11	Standard	PP/EPDM/ceramic	96440665	96441131	96440711	96440740
		PP/FKM/ceramic	96446814	96446774	96446836	96440740
		PVDF/FKM/ceramic	96440667	96441133	96440713	96440740
		PVDF/PTFE/ceramic	96636077	96635984	96574015	96440740
		PVDF/PTFE/PTFE	96900363	96900365	96574016	96440740
	Spring-loaded	Stainless steel/FKM/stainless steel	96440669	96441135	96440723	96440740
		PP/EPDM/ceramic	96440666	96441132	96440712	96440740
		PP/FKM/ceramic	96446815	96446775	96446837	96440740
		PVDF/FKM/ceramic	96440668	96441134	96440722	96440740
		PVDF/PTFE/ceramic	96636079	96636063	96635983	96440740
DMS 4-7	Standard	Stainless steel/FKM/stainless steel	96440670	96441136	96440724	96440740
		PP/EPDM/ceramic	96440699	96441177	96440711	96440750
		PP/FKM/ceramic	96446818	96446782	96446836	96440750
		PVDF/FKM/ceramic	96440701	96441179	96440713	96440750
		PVDF/PTFE/ceramic	96690668	96636064	96574015	96440750
	Spring-loaded	PVDF/PTFE/PTFE	96900384	96900385	96574016	96440750
		Stainless steel/FKM/stainless steel	96440703	96441181	96440723	96440750
		PP/EPDM/ceramic	96440700	96441178	96440712	96440750
		PP/FKM/ceramic	96446819	96446783	96446837	96440750
		PVDF/FKM/ceramic	96440702	96441180	96440722	96440750
DME 8-10 DMS 8-5	Standard	PVDF/PTFE/ceramic	96690683	96636066	96635983	96440750
		Stainless steel/FKM/stainless steel	96440704	96441182	96440724	96440750
		PP/EPDM/ceramic	96440671	96441149	96440711	96440743
		PP/FKM/ceramic	96446816	96446780	96446836	96440743
		PVDF/FKM/ceramic	96440673	96441151	96440713	96440743
	Spring-loaded	PVDF/PTFE/ceramic	96636083	96636067	96574015	96440743
		PVDF/PTFE/PTFE	96900366	96900367	96574016	96440743
		Stainless steel/FKM/stainless steel	96440675	96441153	96440723	96440743
		PP/EPDM/ceramic	96440672	96441150	96440712	96440743
		PP/FKM/ceramic	96446817	96446781	96446837	96440743
DME 12-6 DMS 12-3	Standard	PVDF/FKM/ceramic	96440674	96441152	96440722	96440743
		PVDF/PTFE/ceramic	96636085	96636069	96635983	96440743
		Stainless steel/FKM/stainless steel	96440676	96441154	96440724	96440743
		PP/EPDM/ceramic	96440659	96441125	96440711	96440739
		PP/FKM/ceramic	96446812	96446772	96446836	96440739
	Spring-loaded	PVDF/FKM/ceramic	96440661	96441127	96440713	96440739
		PVDF/PTFE/ceramic	96636087	96636070	96574015	96440739
		PVDF/PTFE/PTFE	96900368	96900369	96574016	96440739
		Stainless steel/FKM/stainless steel	96440663	96441129	96440723	96440739
		PP/EPDM/ceramic	96440660	96441126	96440712	96440739
DME 19-6	Standard	PP/FKM/ceramic	96446813	96446773	96446837	96440739
		PVDF/FKM/ceramic	96440662	96441128	96440722	96440739
		PVDF/PTFE/ceramic	96690541	96636071	96635983	96440739
		Stainless steel/FKM/stainless steel	96440664	96441130	96440724	96440739
		PP/EPDM/ceramic	96440647	96441137	96440711	96440741
	Spring-loaded	PP/FKM/ceramic	96446808	96446776	96446836	96440741
		PVDF/FKM/ceramic	96440649	96441139	96440713	96440741
		PVDF/PTFE/ceramic	96636091	96636072	96574015	96440741
		PVDF/PTFE/PTFE	96900370	96900371	96574016	96440741
		Stainless steel/FKM/stainless steel	96440651	96441141	96440723	96440741
DME 19-6	Spring-loaded	PP/EPDM/ceramic	96440648	96441138	96440712	96440741
		PP/FKM/ceramic	96446809	96446777	96446837	96440741
		PVDF/FKM/ceramic	96440650	96441140	96440722	96440741
		PVDF/PTFE/ceramic	96636093	96636073	96635983	96440741
		Stainless steel/FKM/stainless steel	96440652	96441142	96440724	96440741

Pump	Valves	Materials	Product numbers			
			Complete dosing head pos. 1 + 2 + 3 (x2) + 4 + 5	Valves + diaphragm pos. 1 + 2 + 3 (x2)	Valves pos. 3 (x2)	Diaphragm pos. 2
DME 48-3	Standard	PP/EPDM/ceramic	96440653	96441143	96440711	96440742
		PP/FKM/ceramic	96446810	96446778	96446836	96440742
		PVDF/FKM/ceramic	96440655	96441145	96440713	96440742
		PVDF/PTFE/ceramic	96636095	96636074	96574015	96440742
		PVDF/PTFE/PTFE	96900382	96900383	96574016	96440742
	Spring-loaded	Stainless steel/FKM/stainless steel	96440657	96441147	96440723	96440742
		PP/EPDM/ceramic	96440654	96441144	96440712	96440742
		PP/FKM/ceramic	96446811	96446779	96446837	96440742
		PVDF/FKM/ceramic	96440656	96441146	96440722	96440742
		PVDF/PTFE/ceramic	96636097	96636075	96635983	96440742
		Stainless steel/FKM/stainless steel	96440658	96441148	96440724	96440742

Service kit, DME 2 to 48 l/h



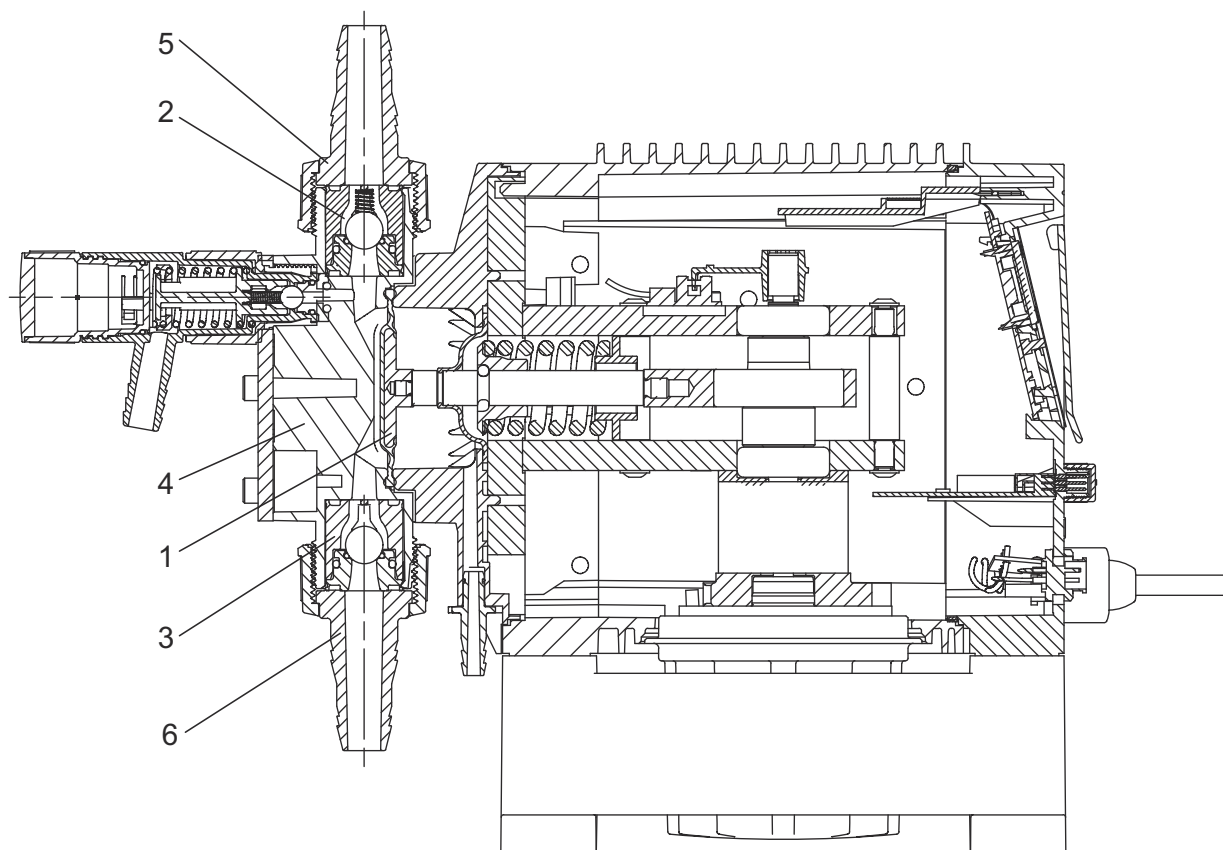
Service kit, DME 60-10

Model	Valves	Materials		Connection	Complete dosing head Pos. 1 + 2 + 3 + 4 + 5 + 6	Valves + diaphragm Pos. 1 + 2 + 3	Non-return valves Pos. 2 + 3	Diaphragm Pos. 1
		Dosing head	Gaskets Valve balls					
DME 60-10	Spring loaded	PP	EPDM	Ceramic	NPT 3/4"	96549405	96520368	96519446
			EPDM	Ceramic	Hoseclamp	96520459	96520368	96519446
			EPDM	Ceramic	Rp 3/4"	96620070	96520368	96519446
			FKM	Ceramic	NPT 3/4"	96549406	96520369	96519447
			FKM	Ceramic	Hoseclamp	96520460	96520369	96519447
			FKM	Ceramic	Rp 3/4"	96620071	96520369	96519447
		PVDF	FKM	Ceramic	NPT 3/4"	96549407	96520370	96519448
			FKM	Ceramic	Hoseclamp	96520461	96520370	96519448
			FKM	Ceramic	Rp 3/4"	96620072	96520370	96519448
			PTFE	Ceramic	Hoseclamp	96945474	96690557	96690553
		Stainless Steel	FKM	Stainless Steel	NPT 3/4"	96549408	96520371	96519449
			FKM	Stainless Steel	Rp 3/4"	96520462	96520371	96519449
	Standard	PP	EPDM	Ceramic	NPT 3/4"	96549401	96520364	96519442
			EPDM	Ceramic	Hoseclamp	96520454	96520364	96519442
			EPDM	Ceramic	Rp 3/4"	96620067	96520364	96519442
			FKM	Ceramic	NPT 3/4"	96549402	96520365	96519443
			FKM	Ceramic	Hoseclamp	96520455	96520365	96519443
			FKM	Ceramic	Rp 3/4"	96620068	96520365	96519443
		PVDF	FKM	Ceramic	NPT 3/4"	96549403	96520366	96519444
			FKM	Ceramic	Hoseclamp	96520456	96520366	96519444
			FKM	Ceramic	Rp 3/4"	96620069	96520366	96519444
			PTFE	Ceramic	Hoseclamp	96690542	96690556	96573952
		Stainless Steel	FKM	Stainless Steel	NPT 3/4"	96549404	96520367	96519445
			FKM	Stainless Steel	Rp 3/4"	96520458	96520367	96519445
			PTFE	Stainless Steel	Rp 3/4"	97939086	97571911	97571912

Service kit, DME 150-4

Model	Valves	Materials		Connection	Complete dosing head Pos. 1 + 2 + 3 + 4 + 5 + 6	Valves + diaphragm Pos. 1 + 2 + 3	Non-return valves Pos. 2 + 3	Diaphragm Pos. 1
		Dosing head	Gaskets Valve balls					
DME 150-4	Spring loaded	PP	EPDM	Ceramic	NPT 3/4"	96549434	96520376	96519446
			EPDM	Ceramic	Hoseclamp	96520467	96520376	96519446
			EPDM	Ceramic	Rp 3/4"	96620076	96520376	96519446
			FKM	Ceramic	NPT 3/4"	96549435	96520377	96519447
			FKM	Ceramic	Hoseclamp	96520468	96520377	96519447
			FKM	Ceramic	Rp 3/4"	96620077	96520377	96519447
		PVDF	FKM	Ceramic	NPT 3/4"	96549436	96520378	96519448
			FKM	Ceramic	Hoseclamp	96520469	96520378	96519448
			FKM	Ceramic	Rp 3/4"	96620078	96520378	96519448
			PTFE	Ceramic	Hoseclamp	96690546	96690559	96690553
		SS	FKM	Stainless Steel	NPT 3/4"	96549437	96520379	96519449
			FKM	Stainless Steel	Rp 3/4"	96520470	96520379	96519449
	Standard	PP	EPDM	Ceramic	NPT 3/4"	96549409	96520372	96519442
			EPDM	Ceramic	Hoseclamp	96520463	96520372	96519442
			EPDM	Ceramic	Rp 3/4"	96620073	96520372	96519442
			FKM	Ceramic	NPT 3/4"	96549431	96520373	96519443
			FKM	Ceramic	Hoseclamp	96520464	96520373	96519443
			FKM	Ceramic	Rp 3/4"	96620074	96520373	96519443
		PVDF	FKM	Ceramic	NPT 3/4"	96549432	96520374	96519444
			FKM	Ceramic	Hoseclamp	96520465	96520374	96519444
			FKM	Ceramic	Rp 3/4"	96620075	96520374	96519444
			PTFE	Ceramic	NPT 3/4"	97766484	96690558	96573952
			PTFE	Ceramic	Hoseclamp	96690544	96690558	96573952
		SS	EPDM	Stainless Steel	NPT 3/4"	97908196	96631331	96578547
			FKM	Stainless Steel	NPT 3/4"	96549433	96520375	96519445
			FKM	Stainless Steel	Rp 3/4"	96520466	96520375	96519445
			PTFE	Stainless Steel	Rp 3/4"	98125938	97571880	97571912

DME 60 to 940 l/h



TM04 4900 2209

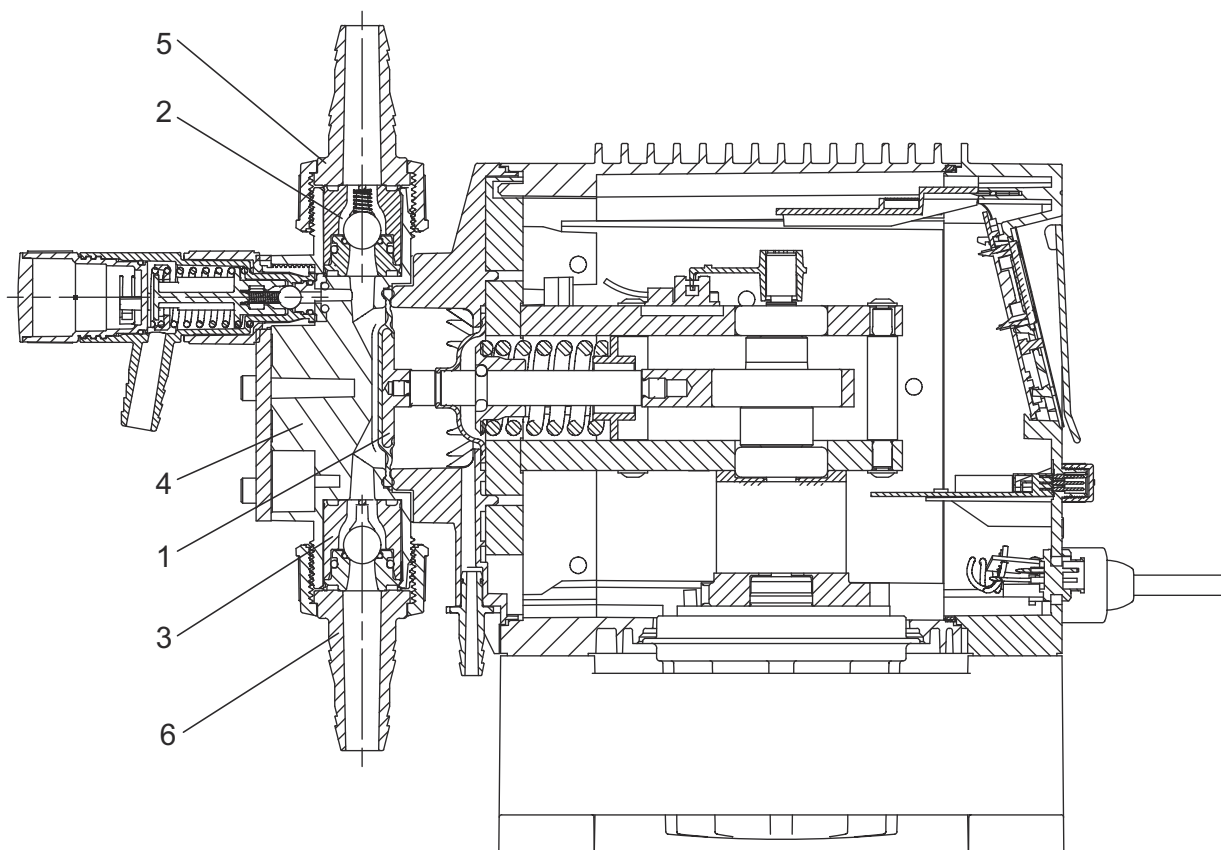
Service kit, DME 375-10

Model	Valves	Materials			Connection	Complete dosing head Pos. 1 + 2 + 3 + 4 + 5 + 6	Valves + diaphragm Pos. 1 + 2 + 3	Non-return valves Pos. 2 + 3	Diaphragm Pos. 1	
		Dosing head	Gaskets	Valve balls						
DME 375-10	Spring loaded	PP	EPDM	Glass	NPT 5/4"	96561186	96520384	96519456	96519472	
			EPDM	Glass	Rp 5/4"	96520475	96520384	96519456	96519472	
			FKM	Glass	NPT 5/4"	96561187	96520385	96519457	96519472	
			FKM	Glass	Rp 5/4"	96520476	96520385	96519457	96519472	
		PVDF	FKM	Glass	NPT 5/4"	96561188	96520386	96519458	96519472	
			FKM	Glass	Rp 5/4"	96520477	96520386	96519458	96519472	
			PTFE	Ceramic	Rp 5/4"	96690550	96690561	96690555	96519472	
			SS	FKM	Stainless Steel	NPT 5/4"	96561189	96520387	96519459	96519472
		FKM		Stainless Steel	Rp 5/4"	98255134	96520387	96519459	96519472	
		Standard	PP	EPDM	Glass	NPT 5/4"	96561182	96520380	96519452	96519472
	EPDM			Glass	Hoseclamp	96520471	96520380	96519452	96519472	
	EPDM			Stainless Steel	NPT 5/4"	97908194	97749007	96741737	96519472	
	EPDM			Stainless Steel	Rp 5/4"	97521700	97749007	96741737	96519472	
	FKM			Glass	NPT 5/4"	96561183	96520381	96519453	96519472	
	FKM			Glass	Hoseclamp	96520472	96520381	96519453	96519472	
	PVDF		FKM	Stainless Steel	Rp 5/4"	97915359	97919262	96741742	96519472	
			FKM	Glass	NPT 5/4"	96561184	96520382	96519454	96519472	
			FKM	Glass	Hoseclamp	96520473	96520382	96519454	96519472	
			PTFE	Ceramic	Rp 5/4"	96690547	96690560	96690554	96519472	
			SS	EPDM	Stainless Steel	NPT 5/4"	98132956	96900295	96741871	96519472
				FKM	Stainless Steel	NPT 5/4"	96561185	96520383	96519455	96519472
		FKM	Stainless Steel	Rp 5/4"	96520474	96520383	96519455	96519472		

Service kit, DME 940-4

Model	Valves	Materials			Connection	Complete dosing head Pos. 1 + 2 + 3 + 4 + 5 + 6	Valves + diaphragm Pos. 1 + 2 + 3	Non-return valves Pos. 2 + 3	Diaphragm Pos. 1
		Dosing head	Gaskets	Valve balls					
DME 940-4	Spring loaded	PP	EPDM	Glass	NPT 5/4"	96561204	96520399	96519456	96519473
			EPDM	Glass	Rp 5/4"	96520483	96520399	96519456	96519473
			FKM	Glass	NPT 5/4"	96561205	96520400	96519457	96519473
			FKM	Glass	Rp 5/4"	96520484	96520400	96519457	96519473
		FKM	Stainless Steel	Rp 5/4"	97915396	97919264	96741743	96519473	
		PVDF	FKM	Glass	NPT 5/4"	96561206	96520401	96519458	96519473
			FKM	Glass	Rp 5/4"	96520485	96520401	96519458	96519473
			PTFE	Ceramic	Rp 5/4"	96690552	96690563	96690555	96519473
			SS	FKM	Stainless Steel	NPT 5/4"	96561207	96520402	96519459
		FKM		Stainless Steel	Rp 5/4"	96520486	96520402	96519459	96519473
	Standard	PP	EPDM	Glass	NPT 5/4"	96561200	96520391	96519452	96519473
			EPDM	Glass	Rp 5/4"	96520479	96520391	96519452	96519473
			FKM	Glass	NPT 5/4"	96561201	96520393	96519453	96519473
			FKM	Glass	Rp 5/4"	96520480	96520393	96519453	96519473
		PVDF	FKM	Glass	NPT 5/4"	96561202	96520395	96519454	96519473
			FKM	Glass	Rp 5/4"	96520481	96520395	96519454	96519473
			PTFE	Ceramic	Rp 5/4"	96690551	96690562	96690554	96519473
			PTFE	Glass	NPT 5/4"	97766508	97919265	96748547	96519473
			PTFE	Glass	Rp 5/4"	97915360	97919265	96748547	96519473
			PTFE	PTFE	Rp 5/4"	97713544	97713545	96748545	96519473
		SS	FKM	Stainless Steel	NPT 5/4"	96561203	96520397	96519455	96519473
			FKM	Stainless Steel	Rp 5/4"	96520482	96520397	96519455	96519473

DME 60 to 940 l/h



TM04 4900 2209

Vent valve

Pump size	Dosing head/gaskets/valve balls	Kit No
DME 2-18	PP/EPDM/ceramic	96484194
DME 8-10	PP/FKM/ceramic	96484193
DME 12-6		
DME 19-6	PVDF/FKM/ceramic	96484195
DME 48-3		
	PP/EPDM/ceramic	96520488
	PP/FKM/ceramic	96520489
DME 60-940	PVDF/FKM/ceramic	96520500
DME 150-4	PVDF/EPDM/Ceramic	96578549
DME 375-10	PVDF/FKM/SS	96578570
DME 940-4	PVDF/EPDM/SS	96578571
	PP/EPDM/SS	96770401

Balls for valves

Ball size	Material	Description	Units in the kit	Kit No
Ø4	Ceramic	For vent valve, 12 pcs	12	96530331
Ø4	PTFE	For vent valve, 12 pcs	12	96537690
Ø9.2	Ceramic	For non-return valve, 12 pcs	12	96530330
Ø9.2	PTFE	For non-return valve, 12 pcs	12	96528246
Ø14	Ceramic	For non-return valve, 12 pcs	12	96530329
Ø14	PTFE	For non-return valve, 12 pcs	12	96528247
Ø15	Ceramic	For valve D15	12	97720573
Ø15	PTFE	For valve D15	12	97720576
Ø28	Ceramic	For valve D28	12	97720577
Ø28	PTFE	For valve D28	12	97720579
Ø28	Hastelloy	For valve D28	2	97775079
Ø28	AISI 316	For valve D28	2	98096620
Ø28	Ceramic	For valve D28	2	98118969

Power cord, DME and DMS

Pump type	Description	Kit No
DME DMS	Schuko	96497534
	United States	96497535
	Switzerland	96497536
	Australia	96497537
	United Kingdom	96497538
	Japan	96497539

DDA, DDC, DDE

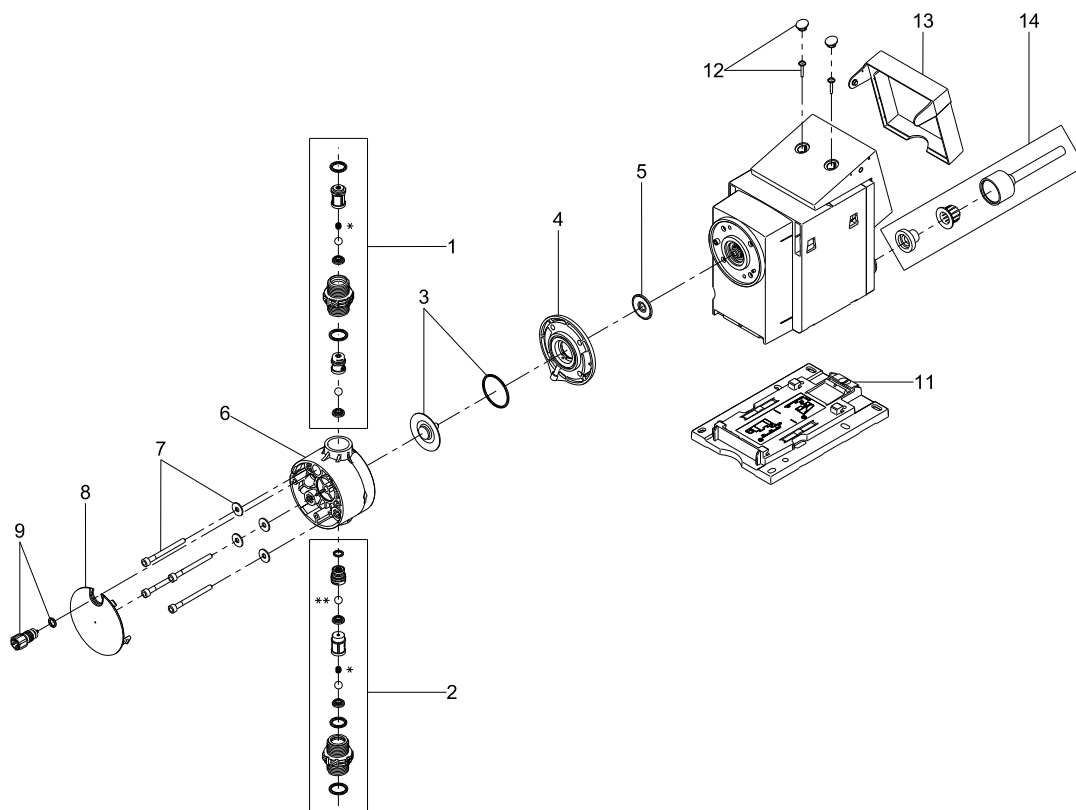
DDA, DDC, DDE, 1 x 100-240 V, 50/60 Hz

Service kit

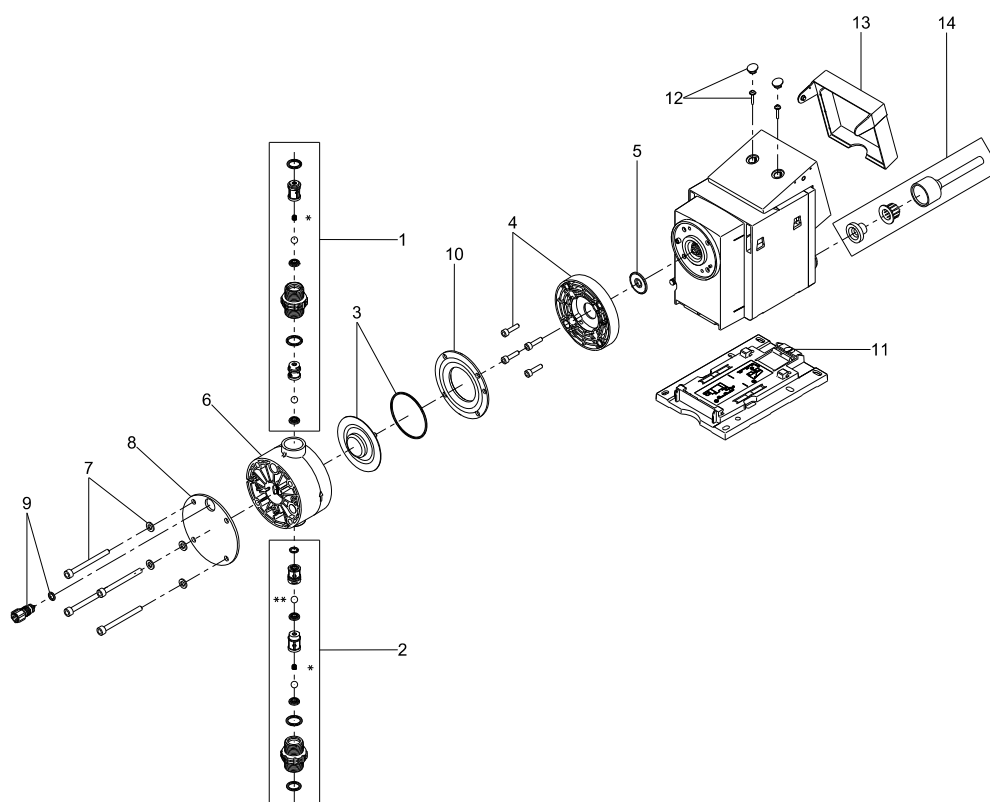
Pump type	Valves	Materials			Product number			Complete dosing head pos. 1 + 2 + 3 + 4 + 5 + 6 + 7 + 8 + 9 + 10	
		Dosing head	Gaskets	Valve balls	Valves + diaphragm pos. 1 + 2 + 3 + 7	Valves pos. 1 + 2	Diaphragm pos. 3	Control variant*	
								B, P, A, AR	FC, FCM
DDE 6-10 DDC 6-10 DDC 9-7 DDA 7.5-16	Standard	PP	EPDM (E)	Ceramic (C)	97751427	97751599	97751707	97751104	97751116
			FKM (V)	Ceramic (C)	97751433	97751605	97751707	97751110	97751122
		PVC	EPDM (E)	Ceramic (C)	97751473	97751623	97751707	97751175	97751193
			FKM (V)	Ceramic (C)	97751479	97751629	97751707	97751181	97751199
		PVDF	PTFE (T)	Ceramic (C)	97751485	97751635	97751707	97751187	97751205
			EPDM (E)	Ceramic (C)	97751527	97751659	97751707	97751283	97751301
	Spring-loaded	PVC	FKM (V)	Ceramic (C)	97751533	97751665	97751707	97751289	97751307
			PTFE (T)	Ceramic (C)	97751539	97751671	97751707	97751295	97751313
		SS	PTFE (T)	Stainless steel (SS)	97751585	97751699	97751707	97751395	97751401
			EPDM (E)	Ceramic (C)	97751428	97751600	97751707	97751105	97751117
		PP	FKM (V)	Ceramic (C)	97751434	97751606	97751707	97751111	97751123
			EPDM (E)	Ceramic (C)	97751474	97751624	97751707	97751176	97751194
DDE 15-4 DDC 15-4 DDA 12-10 DDA 17-7	Standard	PVC	FKM (V)	Ceramic (C)	97751480	97751630	97751707	97751182	97751200
			PTFE (T)	Ceramic (C)	97751486	97751636	97751707	97751188	97751206
		PVDF	EPDM (E)	Ceramic (C)	97751528	97751660	97751707	97751284	97751302
			FKM (V)	Ceramic (C)	97751534	97751666	97751707	97751290	97751308
		SS	PTFE (T)	Ceramic (C)	97751540	97751672	97751707	97751296	97751314
			PTFE (T)	Stainless steel (SS)	97751586	97751700	97751707	97751396	97751402
	Spring-loaded	PP	EPDM (E)	Ceramic (C)	97751439	97751611	97751708	97751128	97751140
			FKM (V)	Ceramic (C)	97751445	97751617	97751708	97751134	97751146
		PVC	EPDM (E)	Ceramic (C)	97751491	97751641	97751708	97751211	97751229
			FKM (V)	Ceramic (C)	97751497	97751647	97751708	97751217	97751235
		PVDF	PTFE (T)	Ceramic (C)	97751503	97751653	97751708	97751223	97751241
			EPDM (E)	Ceramic (C)	97751545	97751677	97751708	97751319	97751337
DDA 30-4	Standard	PVC	FKM (V)	Ceramic (C)	97751551	97751683	97751708	97751325	97751343
			PTFE (T)	Ceramic (C)	97751557	97751689	97751708	97751331	97751349
		SS	PTFE (T)	Stainless steel (SS)	97751591	97751705	97751708	97751407	97751413
			EPDM (E)	Ceramic (C)	97751440	97751612	97751708	97751129	97751141
		PP	FKM (V)	Ceramic (C)	97751446	97751618	97751708	97751135	97751147
			EPDM (E)	Ceramic (C)	97751492	97751642	97751708	97751212	97751230
	Spring-loaded	PVC	FKM (V)	Ceramic (C)	97751498	97751648	97751708	97751218	97751236
			PTFE (T)	Ceramic (C)	97751504	97751654	97751708	97751224	97751242
		PVDF	EPDM (E)	Ceramic (C)	97751546	97751678	97751708	97751320	97751338
			FKM (V)	Ceramic (C)	97751552	97751684	97751708	97751326	97751344
		SS	PTFE (T)	Ceramic (C)	97751558	97751690	97751708	97751332	97751350
			PTFE (T)	Stainless steel (SS)	97751592	97751706	97751708	97751408	97751414
DDA 30-4	Standard	PP	EPDM (E)	Ceramic (C)	97751461	97751611	97751709	97751151	97751163
			FKM (V)	Ceramic (C)	97751467	97751617	97751709	97751157	97751169
		PVC	EPDM (E)	Ceramic (C)	97751509	97751641	97751709	97751247	97751265
			FKM (V)	Ceramic (C)	97751515	97751647	97751709	97751253	97751271
		PVDF	PTFE (T)	Ceramic (C)	97751521	97751653	97751709	97751259	97751277
			EPDM (E)	Ceramic (C)	97751563	97751677	97751709	97751355	97751373
	Spring-loaded	PVC	FKM (V)	Ceramic (C)	97751569	97751683	97751709	97751361	97751379
			PTFE (T)	Ceramic (C)	97751575	97751689	97751709	97751367	97751385
		SS	PTFE (T)	Stainless steel (SS)	97751597	97751705	97751709	97751419	97751425
			EPDM (E)	Ceramic (C)	97751462	97751612	97751709	97751152	97751164
		PP	FKM (V)	Ceramic (C)	97751468	97751618	97751709	97751158	97751170
			EPDM (E)	Ceramic (C)	97751510	97751642	97751709	97751248	97751266
DDA 30-4	Standard	PVC	FKM (V)	Ceramic (C)	97751516	97751648	97751709	97751254	97751272
			PTFE (T)	Ceramic (C)	97751522	97751654	97751709	97751260	97751278
		PVDF	EPDM (E)	Ceramic (C)	97751564	97751678	97751709	97751356	97751374
			FKM (V)	Ceramic (C)	97751570	97751684	97751709	97751362	97751380
		SS	PTFE (T)	Ceramic (C)	97751576	97751690	97751709	97751368	97751386
			PTFE (T)	Stainless steel (SS)	97751598	97751706	97751709	97751420	97751426

* The dosing heads of DDA control variants FC and FCM are equipped with a pressure sensor.

DDA, DDC, DDE up to 17 l/h



DDA, 30 l/h



- * Only for spring-loaded valves.
- ** Not for spring-loaded valves.

TM04 9566 4710

TM04 9565 4710

Deaeration valve

Pos.	Spindle	Gasket	Kit No
9	PP	EPDM (E)	97790986
		FKM (V)	97790987
	PVC	EPDM (E)	97790988
		FKM (V)	97790989
	PVDF	EPDM (E)	97790990
		FKM (V)	97790991

Power cable

Pos.	Country	Type	Kit No
14	EU	F	97790969
	USA	B	97790970
	Canada	B	97790970
	UK	G	97790981
	Australia	I	97790982
	New Zealand	I	97790982
	Taiwan	I	97790982
	Japan	J	97790984
	Switzerland	E	97790983
	Argentina	L	97790985

Dosing head cover

Pos.	Description	Type	Kit No
8	DDA, DDC, DDE up to 17l/h	PP	97790967
	DDA 30 l/h	SS	97790968

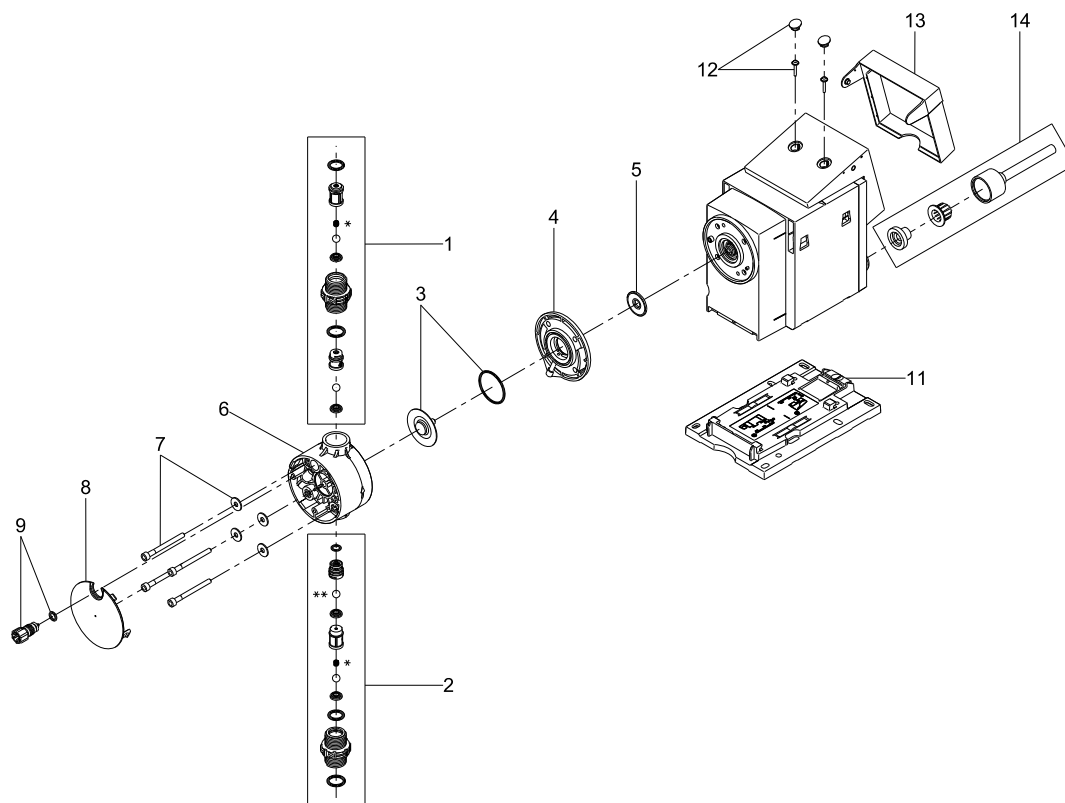
Mounting plate

Pos.	Description	Kit No
11	Mounting plate and screws	97790957

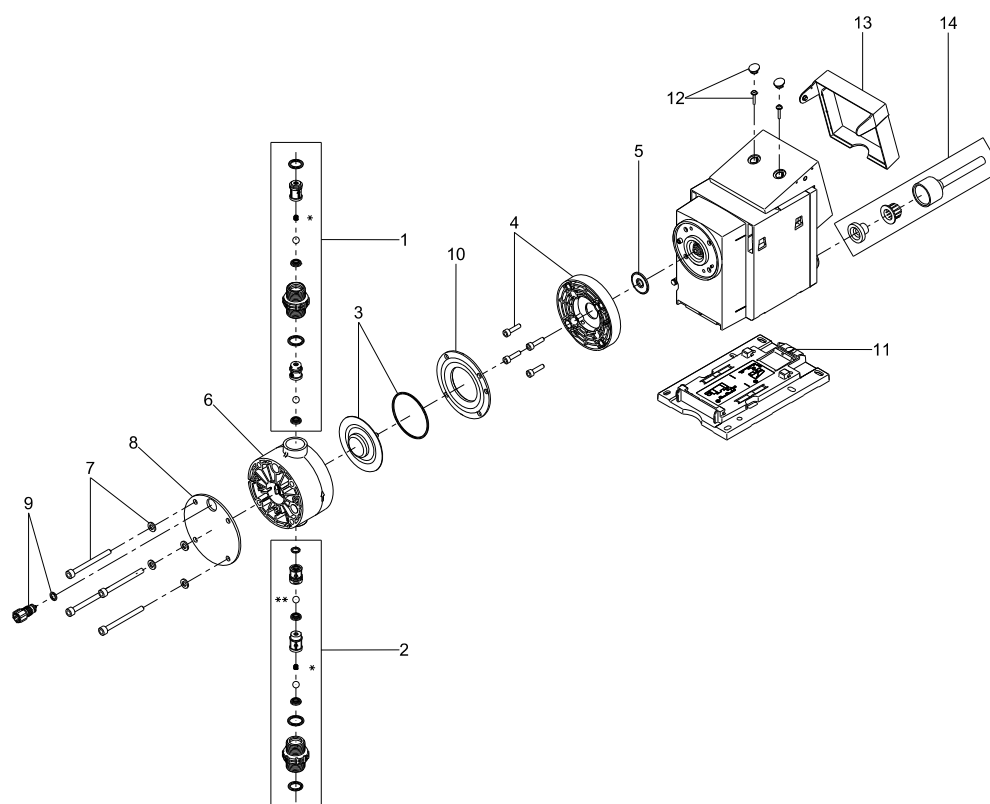
Control cube

Pos.	Description	Kit No
12	Screws, plugs	97790966
13	Display cover	97790958

DDA, DDC, DDE up to 17 l/h



DDA, 30 l/h



- * Only for spring-loaded valves.
- ** Not for spring-loaded valves.

TM04 9566 4710

TM04 9565 4710

DMH**DMH 1 x 115-240V, 50/60 Hz; 3 x 240/400V, 50Hz****Model 251/252 DN size 8**

Pump nominal capacity [l/h]	Version	Valve body	Gasket	Seat	Ball	2 valves + diaphragm + oil drain plug gasket	Diaphragm	Valve kit (2 valves)	Valve single item (1 valve)
All	DLD	PP	EPDM	EPDM	PTFE	96375325	91835942	96375368	-
	DLD	PP	FKM	FKM	Glass	96688997	91835942	-	91834499
	DLD	PVC	FKM	FKM	Glass	91835923	91835942	-	96617127
	DLD	PVC	PTFE	PTFE	PTFE	95725045	91835942	-	91834508
	DLD	PVDF	PTFE	PTFE	PTFE	91836418	91835942	-	91834502
All (10/16 bar)	DLD	1.4571	EPDM	FKM	1.4401	98313865*	91835942	-	On request
	DLD	1.4571	FKM	1.4571	1.4401	96688999*	91835942	-	On request
	DLD	1.4571	FKM	FKM	1.4401	96688995*	91835942	96375369	-
All (25 bar)	DLD	1.4571	PTFE	PTFE	1.4401	96688910*	91835942	-	On request
	DLD	1.4571	FKM	PTFE	1.4401	96688993*	91835942	-	On request
All	Standard	PP	FKM	FKM	Glass	96658768	96375346	-	91834499
	Standard	PVC	EPDM	EPDM	1.4401	91836525	96375346	-	91834496
	Standard	PVC	FKM	FKM	Ceramic	96688994	96375346	-	91834506
	Standard	PVC	FKM	FKM	Glass	96623820	96375346	-	96617127
	Standard	PVC	PTFE	PTFE	PTFE	95724883	96375346	-	91834508
	Standard	PVDF	PTFE	PTFE	PTFE	91835925	96375346	-	91834502
	Standard	1.4571	EPDM	1.4571	1.4401	96688855*	96375346	-	On request
All (10/16 bar)	Standard	Hastelloy C	FKM	2.4610	Hastelloy C	91835924*	96375346	-	On request
	Standard	1.4571	FKM	1.4571	1.4401	96688998*	96375346	-	On request
All (25 bar)	Standard	1.4571	FKM	FKM	1.4401	96375326*	96375346	96375369	-
	Standard	1.4571	FKM	PTFE	1.4401	96646945*	96375346	-	On request
All (10/16 bar for SS valve)	Standard	1.4571	PTFE	PTFE	1.4401	96688909*	96375346	-	On request

* Kit contains only inner valve parts.

Model 253 DN size 20

Pump nominal capacity [l/h]	Version	Valve body	Gasket	Seat	Ball	2 valves + diaphragm + oil drain plug gasket	Diaphragm	Valve kit (2 valves)	Valve single item (1 valve)
All	DLD	PVC or PP	EPDM	PTFE	1.4401	96688800*	96635586	-	On request
	DLD	PVC or PP	FKM	PTFE	1.4401	96688801*	96635586	-	On request
	DLD	PVC or PP	FKM	PTFE	Glass	96688875*	96635586	95710354*	-
	DLD	1.4571	PTFE	1.4571	1.4401	96688914*	96635586	95725346*	-
	Standard	PVC or PP	EPDM	PTFE	PTFE	96375327*	96375347	96375366	-
	Standard	PVC or PP	EPDM	PTFE	1.4401	91835851*	96375347	-	On request
	Standard	PVC or PP	FKM	PTFE	Ceramic	91836270*	96375347	-	On request
	Standard	PVC or PP	FKM	PTFE	Glass	91836421*	96375347	95710354*	-
	Standard	PVDF	FKM	PTFE	PTFE	91835932*	96375347	-	On request
	Standard	1.4571	FKM	1.4571	1.4401	96375328*	96375347	96375367	-
	Standard	1.4571	PTFE	1.4571	1.4401	96688913*	96375347	95725346*	-

* Kit contains only inner valve parts.

Model 254 DN size 20

Pump nominal capacity [l/h]	Version	Valve body	Gasket	Seat	Ball	2 valves + diaphragm + oil drain plug gasket	Diaphragm	Valve kit (2 valves)	Valve single item (1 valve)
All	DLD	Hastelloy C	PTFE	2.4610	Hastelloy C	96729333*	95701833	-	On request
	Standard	PVC or PP	EPDM	PTFE	PTFE	96375329*	95701834	96375366	-
	Standard	PVC or PP	EPDM	PTFE	1.4401	91835852*	95701834	-	On request
	Standard	PVC or PP	FKM	PTFE	Glass	91835933*	95701834	95710354*	-
	Standard	PVDF	PTFE	PTFE	PTFE	91835935*	95701834	95724394*	-
	Standard	1.4571	EPDM	1.4571	1.4401	96689004*	95701834	-	On request
	Standard	1.4571	FKM	1.4571	1.4401	96375330*	95701834	96375367	-
	Standard	1.4571	PTFE	1.4571	1.4401	96697502	95701834	95725346*	-
	Standard	Hastelloy C	PTFE	2.4610	Hastelloy C	91836497*	95701834	-	On request

* Kit contains only inner valve parts.

Model 255 DN size 20

Pump nominal capacity [l/h]	Version	Valve body	Gasket	Seat	Ball	2 valves + diaphragm + oil drain plug gasket	Diaphragm	Valve kit (2 valves)	Valve single item (1 valve)
194, 270, 332, 403	DLD	PVC	FKM	PTFE	Glass	96689017*	91836507	95710354*	-
	DLD	PVDF	FKM	PTFE	PTFE	96689018*	91836507	-	On request
	DLD	1.4571	FKM	1.4571	1.4401	96689019*	91836507	96375367	-
	DLD	Hastelloy C	PTFE	2.4610	Hastelloy C	96688848*	91836507	-	On request
	Standard	PP	EPDM	PTFE	PTFE	96375331*	95724074	96375366	-
	Standard	PVC	FKM	PTFE	Glass	96689016*	95724074	95710354*	-
	Standard	PVDF	FKM	PTFE	PTFE	91835941*	95724074	-	On request
	Standard	1.4571	FKM	1.4571	1.4401	96375332*	95724074	96375367	-
	Standard	Hastelloy C	PTFE	2.4610	Hastelloy C	96688847*	95724074	-	On request

* Kit contains only inner valve parts.

Model 255 DN size 20/32

Pump nominal capacity [l/h]	Version	Valve body	Gasket	Seat	Ball	2 valves + diaphragm + oil drain plug gasket	Diaphragm	Valve kit (2 valves)	Valve single item (1 valve)
484, 540, 550	DLD	PVC	FKM	PTFE	Glass	96689013*	91836507	-	On request
	DLD	PVDF	PTFE	PVDF	PTFE	96689014*	91836507	-	On request
	DLD	1.4571	FKM	1.4571	1.4401	96689015*	91836507	96375373	-
	DLD	Hastelloy C	PTFE	2.4610	Hastelloy C	96688833*	91836507	-	On request
	Standard	PP	EPDM	PTFE	PTFE	96375333*	95724074	96375372	On request
	Standard	PVC	FKM	PTFE	Glass	91836545*	95724074	-	On request
	Standard	PVDF	PTFE	PTFE	PTFE	91835939*	95724074	-	On request
	Standard	1.4571	EPDM	1.4571	1.4401	98032806*	95724074	-	On request
	Standard	1.4571	FKM	1.4571	1.4401	96375334*	95724074	96375373	-
	Standard	1.4571	PTFE	1.4571	1.4401	98032805*	95724074	95724075*	-
	Standard	Hastelloy C	PTFE	2.4610	Hastelloy C	96688832*	95724074	-	On request

* Kit contains only inner valve parts.

Model 257 DN size 32

Pump nominal capacity [l/h]	Version	Valve body	Gasket	Seat	Ball	2 valves + diaphragm + oil drain plug gasket	Diaphragm	Valve kit (2 valves)	Valve single item (1 valve)
All	DLD	PP	FKM	PP	Glass	96689003*	91835945	-	On request
	DLD	PVC	FKM	PE	Glass	96689001*	91835945	-	On request
	Standard	PP	EPDM	PP	Glass	96375335*	95703573	-	On request
	Standard	PP	FKM	PP	Glass	96689002*	95703573	-	On request
	Standard	PVC	EPDM	PE	1.4401	91835853*	95703573	95708105*	-
	Standard	PVC	FKM	PE	Glass	96623799*	95703573	-	On request
	Standard	PVDF	PTFE	PVDF	PTFE	96635186*	95703573	-	On request
	Standard	1.4571	EPDM	1.4571	1.4401	98032804*	95703573	95718699*	-
	Standard	1.4571	FKM	1.4571	1.4401	96375336*	95703573	96375375	-
	Standard	Hastelloy C	PTFE	2.4610	Hastelloy C	96688907*	95703573	95719114*	-

* Kit contains only inner valve parts.

Model 280 DN size 4 (from 08/2010)

Pump nominal capacity [l/h]	Version	Valve body	Gasket	Seat	Ball	2 valves + diaphragm + oil drain plug gasket	Diaphragm	Valve kit (2 valves)	Valve single item (1 valve)
All★	DLD	1.4571	EPDM	1.4571	1.4401	98301645	On request	-	95736539
	DLD	1.4571	FKM	1.4571	1.4401	98032764	On request	-	95723492
	DLD	1.4571	PTFE	1.4571	1.4401	98032768	On request	-	95725763
	DLD	Hastelloy C	FKM	2.4610	Ceramic	98032766	On request	-	97994923
	DLD	Hastelloy C	PTFE	2.4610	Ceramic	98032770	On request	-	98023132
	Standard	1.4571	EPDM	1.4571	1.4401	98301627	On request	-	95736539
	Standard	1.4571	FKM	1.4571	1.4401	98032763	On request	-	95723492
	Standard	1.4571	PTFE	1.4571	1.4401	98032767	On request	-	95725763
	Standard	Hastelloy C	FKM	2.4610	Ceramic	98032765	On request	-	97994923
	Standard	Hastelloy C	PTFE	2.4610	Ceramic	98032769	On request	-	98023132

★ Spring-loaded.

Model 280 DN size 4 (before 08/2010 spring-loaded)

Pump nominal capacity [l/h]	Version	Valve body	Gasket	Seat	Ball	2 valves + diaphragm + oil drain plug gasket	Diaphragm	Valve kit (2 valves)	Valve single item (1 valve)
All	DLD	1.4571	FKM	1.4571	1.4401	96688770*	On request	-	On request
	DLD	Hastelloy C	FKM	2.4610	Hastelloy C	96688771*	On request	-	On request
		1.4571	FKM	1.4571	1.4401	91835831*	On request	-	On request
		1.4571	PTFE	1.4571	1.4401	95700000*	On request	-	On request
	DLD	1.4571	PTFE	1.4571	1.4401	95714393*	On request	-	On request
		Hastelloy C	FKM	2.4610	Ceramic	96688750*	On request	-	On request

★ Spring-loaded. * Kit contains only inner valve parts.

Model 281 DN size 8

Pump nominal capacity [l/h]	Version	Valve body	Gasket	Seat	Ball	2 valves + diaphragm + oil drain plug gasket	Diaphragm	Valve kit (2 valves)	Valve single item (1 valve)
All	DLD	1.4571	FKM	PTFE	1.4401	96688831*	On request	-	On request
	DLD	1.4571	PTFE	PTFE	Hastelloy C	98173297*	On request	-	On request
	DLD	Hastelloy C	PTFE	PTFE	Hastelloy C	96688854*	On request	-	On request
	Standard	1.4571	FKM	PTFE	1.4401	96639563*	On request	-	On request
	Standard	1.4571	PTFE	PTFE	Hastelloy C	98173276*	On request	-	On request
	Standard	Hastelloy C	PTFE	PTFE	Hastelloy C	96688853*	On request	-	On request

* Kit contains only inner valve parts.

Model 283/285 DN size 20

Pump nominal capacity [l/h]	Version	Valve body	Gasket	Seat	Ball	2 valves + diaphragm + oil drain plug gasket	Diaphragm	Valve kit (2 valves)	Valve single item (1 valve)
All	DLD	1.4571	EPDM	PTFE	1.4401	98301609*	96635586	-	On request
	DLD	1.4571	FKM	PTFE	1.4401	96688837*	96635586	-	On request
	Standard	1.4571	EPDM	PTFE	1.4401	98301602*	96375347	-	On request
	Standard	1.4571	FKM	PTFE	1.4401	91835929*	96375347	-	On request
	Standard	1.4571	FKM	PTFE	1.4401	96689005	96375347	-	On request
	Standard	1.4571	PTFE	PTFE	1.4401	95723684*	96375347	-	On request
	Standard	Hastelloy C	PTFE	PTFE	Hastelloy C	96689007*	96375347	-	On request

★ Spring-loaded. * Kit contains only inner valve parts.

Model 286 DN size 20

Pump nominal capacity [l/h]	Version	Valve body	Gasket	Seat	Ball	2 valves + diaphragm + oil drain plug gasket	Diaphragm	Valve kit (2 valves)	Valve single item (1 valve)
All	DLD	1.4571	EPDM	PTFE	1.4401	95726371*	91835944	-	On request
	DLD	1.4571	FKM	PTFE	1.4401	96688834*	91835944	-	On request
	Standard	1.4571	FKM	PTFE	1.4401	91835930*	95701834	-	On request
	Standard	1.4571	PTFE	PTFE	1.4401	95719796*	95701834	-	On request

* Kit contains only inner valve parts.

Model 287 DN size 8

Pump nominal capacity [l/h]	Version	Valve body	Gasket	Seat	Ball	2 valves + diaphragm + oil drain plug gasket	Diaphragm	Valve kit (2 valves)	Valve single item (1 valve)
All	DLD	1.4571	EPDM	1.4571	1.4401	95726372*	91835942	-	On request
	DLD	1.4571	FKM	1.4571	1.4401	96688835*	91835942	-	On request
	Standard	1.4571	FKM	1.4571	1.4401	96689006*	96375346	-	On request
	Standard	1.4571	PTFE	1.4571	1.4401	96729558*	96375346	-	On request

* Kit contains only inner valve parts.

Model 288 DN size 8

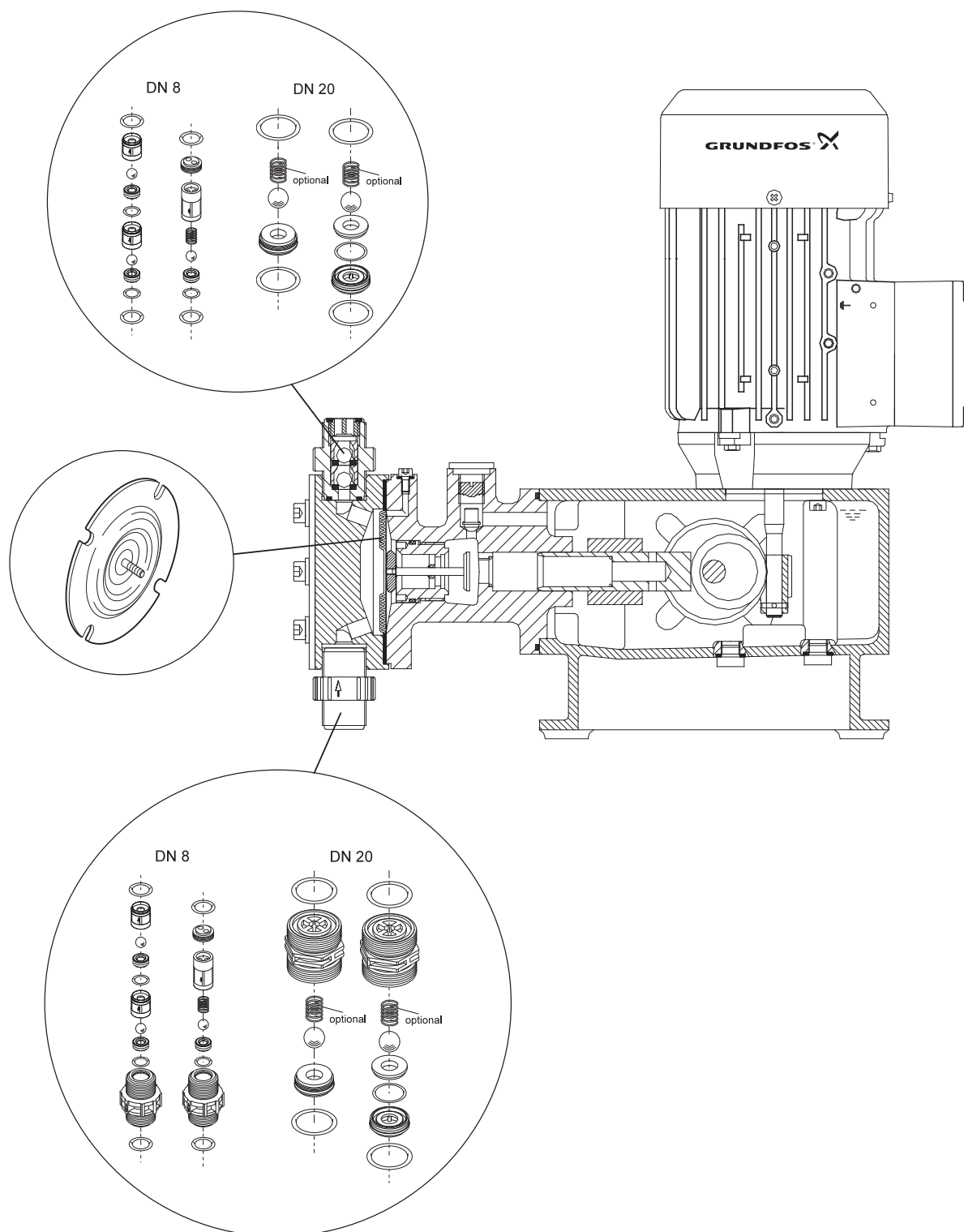
Pump nominal capacity [l/h]	Version	Valve body	Gasket	Seat	Ball	2 valves + diaphragm + oil drain plug gasket	Diaphragm	Valve kit (2 valves)	Valve single item (1 valve)
All	DLD	1.4571	FKM	1.4571	1.4401	91835850*	91835942	-	On request
	Standard	1.4571	FKM	1.4571	1.4401	91835849*	96375346	-	On request
	Standard	1.4571	PTFE	1.4571	1.4401	96729351*	96375346	-	On request

* Kit contains only inner valve parts.

DMH Lubricants

Pump type Model	One dosing head		Two dosing heads		Oil type
	Quantity	Product number	Quantity	Product number	
DMH 251	1.3	91835979	1.3	91835979	Paraffinum
DMH 252, 10 bar	1.3	91835979	1.3	91835979	Paraffinum
DMH 252, 16 bar	1.3	91835980	1.3	91835980	DHG 68
DMH 253	1.3	91835980	1.3	91835980	DHG 68
DMH 254	3.5	91835981	4.5	91835982	DHG 68
DMH 255	3.5	91835981	4.5	91835982	DHG 68
DMH 257	5.0	96607809	7.5	96729684	DHG 68
DMH 280	1.3	91835980	1.3	91835980	DHG 68
DMH 281	1.3	91835980	1.3	91835980	DHG 68
DMH 283	3.5	91835981	4.5	91835982	DHG 68
DMH 285	5.0	96607809	7.5	96729684	DHG 68
DMH 286	5.0	96607809	7.5	96729684	DHG 68
DMH 287	5.0	96607809	7.5	96729684	DHG 68
DMH 288	3.5	91835981	4.5	91835982	DHG 68
DMX 227	5.0	96607809	7.5	96729684	DHG 68

DMH



TM03 2680 4705

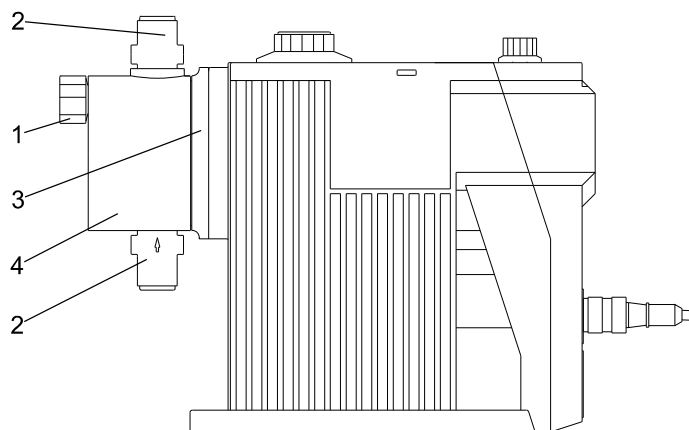
DMI

DMI 208, 50/60 Hz

Maintenance kit, standard

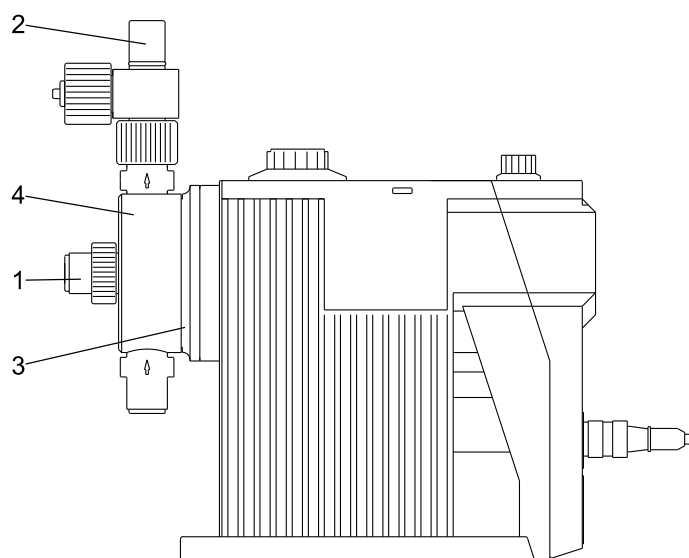
Pump				Valves + diaphragm (2 valves + diaphragm)	Diaphragm	Venting valve	Head	
Model	Version	Pos.	Standard	2 x 2 + 3	3	1	1,2x2,3,4	
			Plus 3	2 x 2 + 3	3	1	2x2,3,5	
		Materials						
		Head	Gasket	Ball				
DMI 0.3 - 10	Standard	PP	E	C	96640194	98337186	98367756	98354149
		PP	V	C	96688957	98337186	98369884	98354171
		PVC	E	C	96636330	98337186	98369911	98354175
		PVC	V	C	96729364	98337186	98369919	98354176
		PVC	T	C	98327521	98337186	98369911	98354179
		PVC	T	T	98156956	98337186	98369911	98354213
		PV	E	C	98327611	98337186	98369931	98354482
		PV	V	C	98327618	98337186	98369932	n.a.
		PV	T	C	91835866	98337186	98369931	98354554
		PV	T	T	98327625	98337186	98369931	98354555
		SS	E	SS	98336647	98337186	98369931	n.a.
		SS	V	SS	98327670	98337186	98369932	98354632
		SS	T	SS	98327693	98337186	98369931	98354635
	Plus 3	PP	E	C	96688850	98337293	98367756	98354636
		PP	V	C	96688849	98337293	98369884	98354638
		PVC	E	C	91835905	98337293	98369911	98354661
		PVC	V	C	91835901	98337293	98369919	98354673
DMI 0.8 - 16 DMI 1.0 - 10 DMI 1.6 - 10 DMI 3.0 - 10 DMI 3.6 - 16 DMI 4.0 - 8	Standard	PP	E	C	96634415	98337640	98367756	98354771
		PP	V	C	91836540	98337640	98369884	98354776
		PVC	E	C	96643263	98337640	98369911	98354790
		PVC	V	C	96688816	98337640	98369919	98354802
		PVC	T	C	96729545	98337640	98369911	98354807
		PVC	T	T	95707374	98337640	98369911	n.a.
		PV	E	C	98328157	98337640	98369931	98354819
		PV	V	C	98328174	98337640	98369932	98356000
		PV	T	C	96641403	98337640	98369931	98356004
		PV	T	T	98328177	98337640	98369931	n.a.
		SS	E	SS	98336665	98337640	98369931	n.a.
		SS	V	SS	98328183	98337640	98369932	98359526
		SS	T	SS	98328206	98337640	98369931	98359527
	Plus 3	PP	E	C	96688851	98337641	98367756	98157872
		PP	V	C	91836604	98337641	98369884	98158466
		PVC	E	C	96645650	98337641	98369911	98158492
		PVC	V	C	96641420	98337641	98369919	91835885
DMI 5.0 - 6 DMI 6.0 - 8	Standard	PP	E	C	91836371	98337645	98367756	98158701
		PP	V	C	96641801	98337645	98369884	98158705
		PVC	E	C	91835873	98337645	98369911	98158709
		PVC	V	C	96688818	98337645	98369919	98158742
		PVC	T	C	98328553	98337645	98369911	98158747
		PVC	T	T	98328558	98337645	98369911	n.a.
		PV	E	C	98330321	98337645	98369931	98158777
		PV	V	C	98330327	98337645	98369932	98158827
		PV	T	C	91835874	98337645	98369931	98158858
		PV	T	T	98330576	98337645	98369931	n.a.
		SS	E	SS	98336681	98337645	98369931	n.a.
		SS	V	SS	98330804	98337645	98369932	98158887
		SS	T	SS	98330809	98337645	98369931	98158889
	Plus 3	PP	E	C	96688852	98337647	98367756	98158911
		PP	V	C	91835908	98337647	98369884	98158912
		PVC	E	C	91835907	98337647	98369911	98159549
		PVC	V	C	91835902	98337647	98369919	98159565
DMI 9.0 - 6	Standard	PP	E	C	98337012	98337650	98369933	98369998
		PP	V	C	96729512	98337650	98369935	98370000
		PVC	E	C	98337015	98337650	98369940	98370002
		PVC	V	C	96656267	98337650	98369962	98370003
		PVC	T	C	98337016	98337650	98369964	98370004
		PVC	T	T	95715912	98337650	98369964	98370005
		PV	T	C	95726369	98337650	98369967	98370007
		SS	E	SS	98337117	98337650	n.a.	n.a.
		SS	V	SS	98337163	98337650	98369969	98370006
		SS	T	SS	98337168	98337650	98369992	98370010
DMI 14 - 4 DMI 18 - 3.5	Standard	PP	E	C	98337012	98337650	98369933	98159567
		PP	V	C	96729512	98337650	98369935	98159583
		PVC	E	C	98337015	98337650	98369940	98159585
		PVC	V	C	96656267	98337650	98369962	98159589
		PVC	T	C	98337016	98337650	98369964	98159868
		PVC	T	T	95715912	98337650	98369964	98159820
		PV	E	C	98337099	98337650	n.a.	98159863
		PV	T	C	95726369	98337650	98369967	98162112
		PV	T	T	91835878	98337650	98369967	n.a.
		SS	E	SS	98337117	98337650	n.a.	n.a.
		SS	V	SS	98337163	98337650	98369969	98164371
		SS	T	SS	98337168	98337650	98369992	98164377

DMI 208 standard



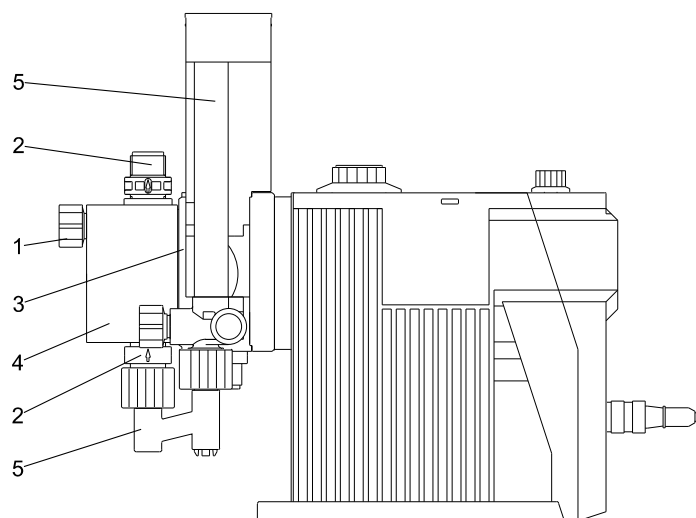
TM05 6943 0312

DMI 208 Auto deaeration head



TM05 6941 0312

DMI 208 plus 3



TM05 6942 0312

Cable and connectors

Application		Type	Pins	Coding	Straight/angled	Cable length	Other	Kit No
Input	Analog contact for remote switch	Plug connector	4	Groove (nut)	Straight	2		96609014
						5		96609016
					Angled	Plug only		96698715
						2		96693246
Output	Error relay stroke or pre-empty relay	Plug connector	4	Tappet	Straight	2		96609017
						5		96609019
					Angled	Plug only		96696198
						2		96698716
Input	Empty	Flat plug connector	2	Allidos-type	Straight	Plug only	Soldered cable	96679388
Input	(Pre-)empty	Flat plug connector	3	Allidos-type	Straight	Plug only	Soldered cable	96630345
Adaptor flat-round	(Pre-)empty	Plug connector	4	Groove (nut)	Straight	Plug only		96635010

Kits for ClO₂ applications

Model	Version	Material			Valves + Diaphragm	Diaphragm
		Body	Gasket	Ball		
DMI 0.8, 1.0, 1.6, 3.0, 3.6, 4.0	Standard	PVC	V	C	96729439	98369260
	Plus 3	PVC	V	C	96688870	98369301
DMI 5.0, 6.0	Standard	PVC	V	C	96688919	98369305
	Plus 3	PVC	V	C	96688918	98369306

Diaphragm in FKM- for ClO₂ applications

Spring loaded valves

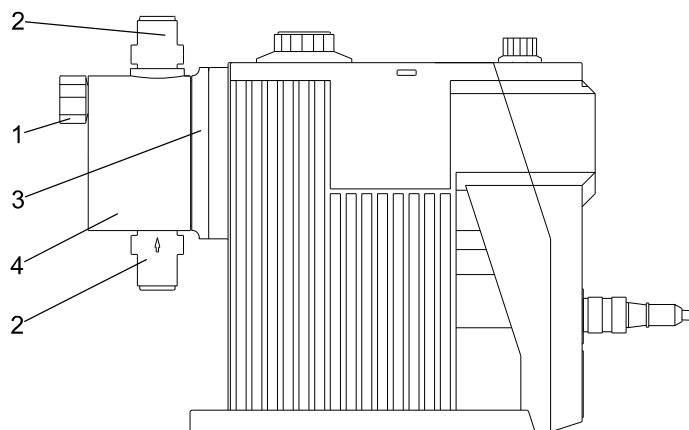
Model	Valve size	Material			Product number		
		Body	Gaskets	Ball			
DMI 0.3 - 6.0	DN4	PVC	EPDM	Ceramic	98366502		
			FKM	Ceramic	98366527		
			PTFE	Ceramic	98366528		
		PP	EPDM	Ceramic	98366529		
			FKM	Ceramic	98366541		
			PVDF	PTFE	Ceramic	98366542	
		Stainless steel (SS)	FKM	Stainless steel (SS)	98366544		
			PTFE	Stainless steel (SS)	98366545		
		DMI 9.0 DMI 14.0 DMI 18.0	DN8	PVC	EPDM	Ceramic	98366551
					FKM	Ceramic	98366546
PTFE	Ceramic				98366552		
PP	EPDM			Ceramic	98366553		
	FKM			Ceramic	98366555		
	PVDF			PTFE	Ceramic	98366557	
Stainless steel (SS)	FKM			Stainless steel (SS)	98366558		
	PTFE			Stainless steel (SS)	98366559		

Kit includes 1 x spring loaded valve for discharge side + 1 x standard valve

DMI 208 Unidos, maintenance kit

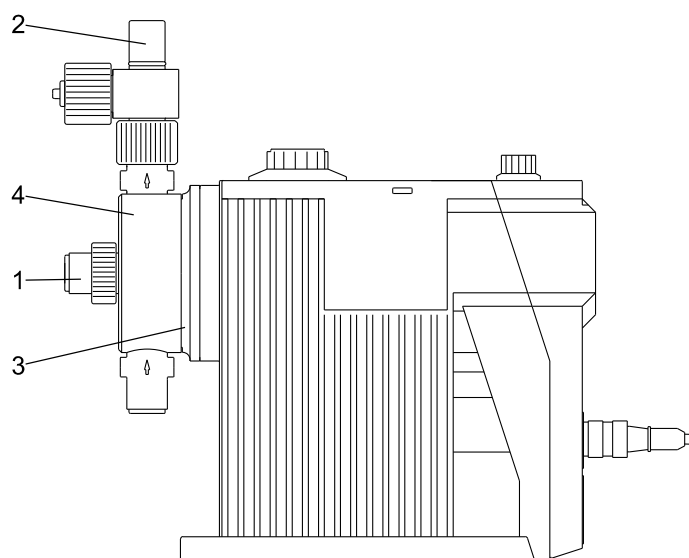
Model	Capacity	Version	Valve	Ball	O-ring	Kit No
			PVDF	PTFE	PTFE	
UNIDOS	0.8, 1, 1.6, 3, 4	W5	X	X	X	96688824
		W10	X	X	X	96688825
		W20	X	X	X	96688826

DMI 208 standard



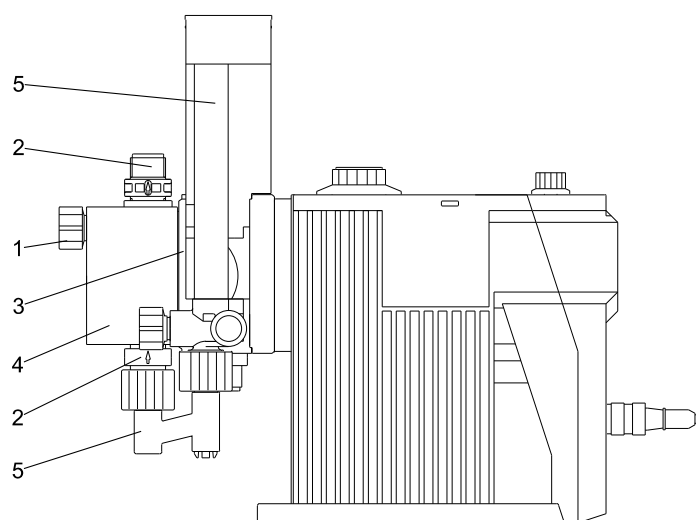
TM05 6943 0312

DMI 208 Auto deaeration head



TM05 6941 0312

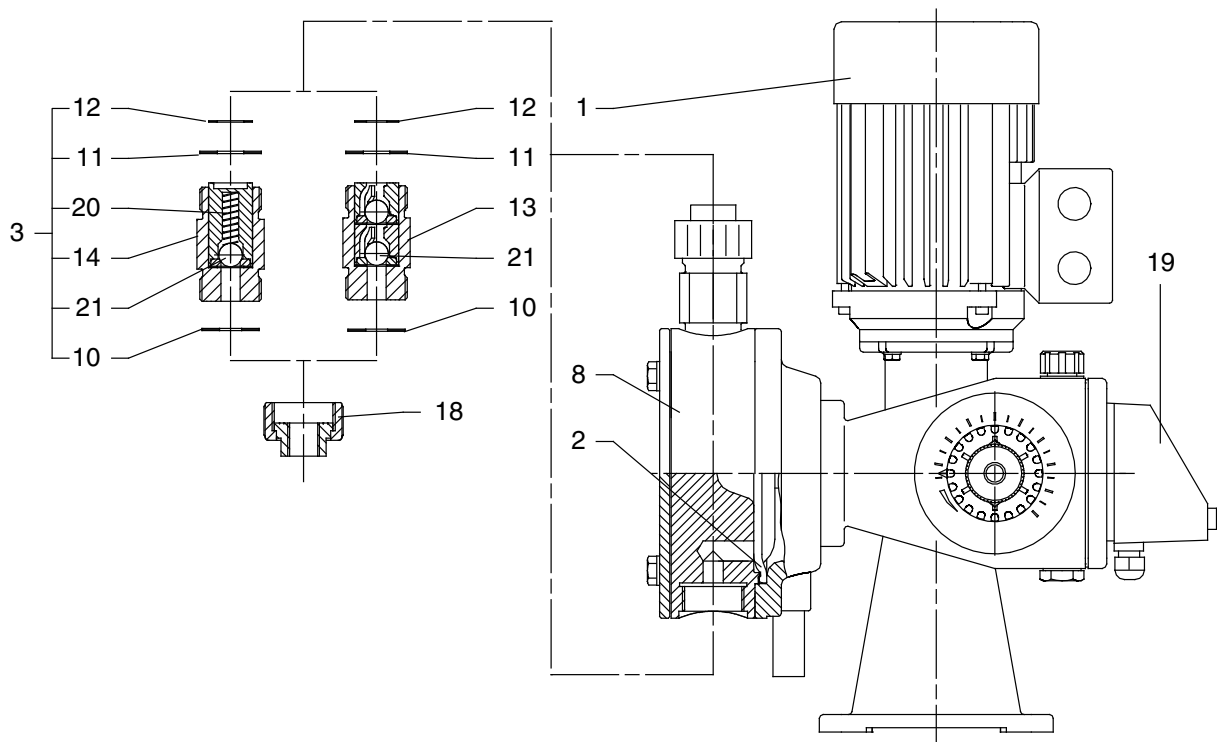
DMI 208 plus 3



TM05 6942 0312

DMM-AR**DMM-AR, 1 x 230 V, 50 Hz****Service kit**

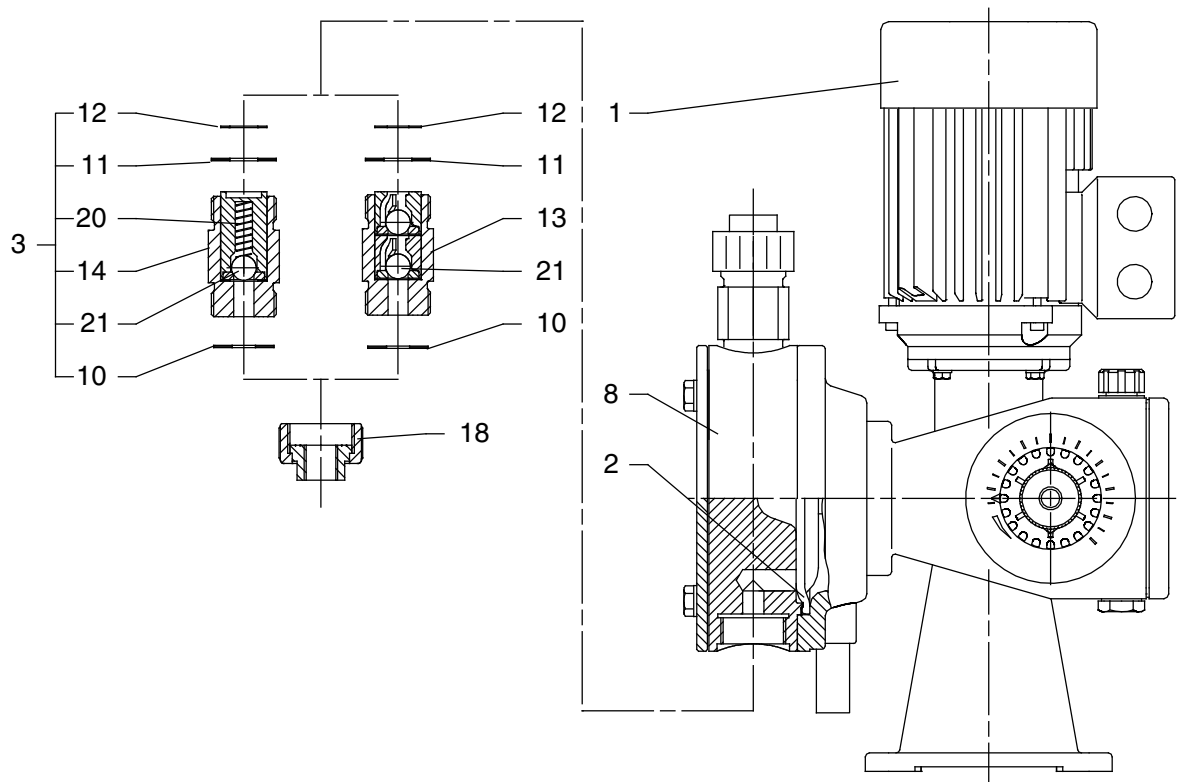
Pump	Valves	Materials dosing head/gaskets/valve balls	Product numbers				
			Dosing head pos. 8	Valves + diaphragm pos. 2 + 2 x pos. 3	Diaphragm pos. 2	Valves 2 x pos. 3	Control panel 1 x 230 V, 50 Hz, pos. 19
DMM 4	Standard	PP/EPDM/glass	96440689	96441167	96440747	96440725	96440751
DMM 8		Stainless steel/PTFE/stainless steel	96440691	96441169	96440747	96440727	96440751
DMM 15	Spring-loaded	PP/EPDM/glass	96440689	96441168	96440747	96440726	96440751
DMM 23		Stainless steel/PTFE/stainless steel	96440691	96441170	96440747	96440728	96440751
DMM 48 DMM 72	Standard	PP/CSM/	96440695	96441173	96440749	96440729	96440751
		Stainless steel/asbestos-free/stainless steel	96440697	96441175	96440749	96440731	96440751
	Spring-loaded	PP/CSM/ceramic	96440695	96441174	96440749	96440730	96440751
		Stainless steel/asbestos-free/stainless steel	96440697	96441176	96440749	96440732	96440751
DMM 110 DMM 155	Standard	PP/CSM/glass	96440677	96441155	96440744	96440735	96440751
		Stainless steel/asbestos-free/stainless steel	96440679	96446757	96440744	96440737	96440751
	Spring-loaded	PP/CSM/glass	96440677	96441156	96440744	96440736	96440751
		Stainless steel/asbestos-free/stainless steel	96440679	96441158	96440744	96440738	96440751
DMM 160 DMM 210 DMM 260	Standard	PP/CSM/glass	96440681	96441159	96440745	96440735	96440751
		Stainless steel/asbestos-free/stainless steel	96440683	96441161	96440745	96440737	96440751
	Spring-loaded	PP/CSM/glass	96440681	96441160	96440745	96440736	96440751
		Stainless steel/asbestos-free/stainless steel	96440683	96441162	96440745	96440738	96440751
DMM 290 DMM 390	Standard	PP/CSM/glass	96440685	96441163	96440746	96440735	96440751
		Stainless steel/asbestos-free/stainless steel	96440687	96441165	96440746	96440737	96440751
	Spring-loaded	PP/CSM/glass	96440685	96441164	96440746	96440736	96440751
		Stainless steel/asbestos-free/stainless steel	96440687	96441166	96440746	96440738	96440751

DMM-AR

TM01 8970 3200

DMM-B**DMM-B, 3 x 230/400 V, 50 Hz****Service kit**

Pump	Valves	Materials dosing head/gaskets/valve balls	Product numbers			
			Dosing head pos. 8	Valves + diaphragm pos. 2 + 2 x pos. 3	Diaphragm pos. 2	Valves 2 x pos. 3
DMM 4	Standard	PP/EPDM/glass	96440689	96441167	96440747	96440725
DMM 8		Stainless steel/PTFE/stainless steel	96440691	96441169	96440747	96440727
DMM 15	Spring-loaded	PP/EPDM/glass	96440689	96441168	96440747	96440726
DMM 23		Stainless steel/PTFE/stainless steel	96440691	96441170	96440747	96440728
DMM 48 DMM 72	Standard	PP/CSM/ceramic	96440695	96441173	96440749	96440729
		Stainless steel/asbestos-free/stainless steel	96440697	96441175	96440749	96440731
	Spring-loaded	PP/CSM/ceramic	96440695	96441174	96440749	96440730
		Stainless steel/asbestos-free/stainless steel	96440697	96441176	96440749	96440732
DMM 110 DMM 155	Standard	PP/CSM/glass	96440677	96441155	96440744	96440735
		Stainless steel/asbestos-free/stainless steel	96440679	96441157	96440744	96440737
	Spring-loaded	PP/CSM/glass	96440677	96441156	96440744	96440736
		Stainless steel/asbestos-free/stainless steel	96440679	96441158	96440744	96440738
DMM 160 DMM 210 DMM 260	Standard	PP/CSM/glass	96440681	96441159	96440745	96440735
		Stainless steel/asbestos-free/stainless steel	96440683	96441161	96440745	96440737
	Spring-loaded	PP/CSM/glass	96440681	96441160	96440745	96440736
		Stainless steel/asbestos-free/stainless steel	96440683	96441162	96440745	96440738
DMM 290 DMM 390	Standard	PP/CSM/glass	96440685	96441163	96440746	96440735
		Stainless steel/asbestos-free/stainless steel	96440687	96441165	96440746	96440737
	Spring-loaded	PP/CSM/glass	96440685	96441164	96440746	96440736
		Stainless steel/asbestos-free/stainless steel	96440687	96441166	96440746	96440738
DMM 440 DMM 640 DMM 990	Spring-loaded	PP/CSM/PVDF	96440693	96441171	96440748	96440733
		Stainless steel/asbestos-free/stainless steel	96440694	96441172	96440748	96440734

DMM-B

TM01 9977 3500

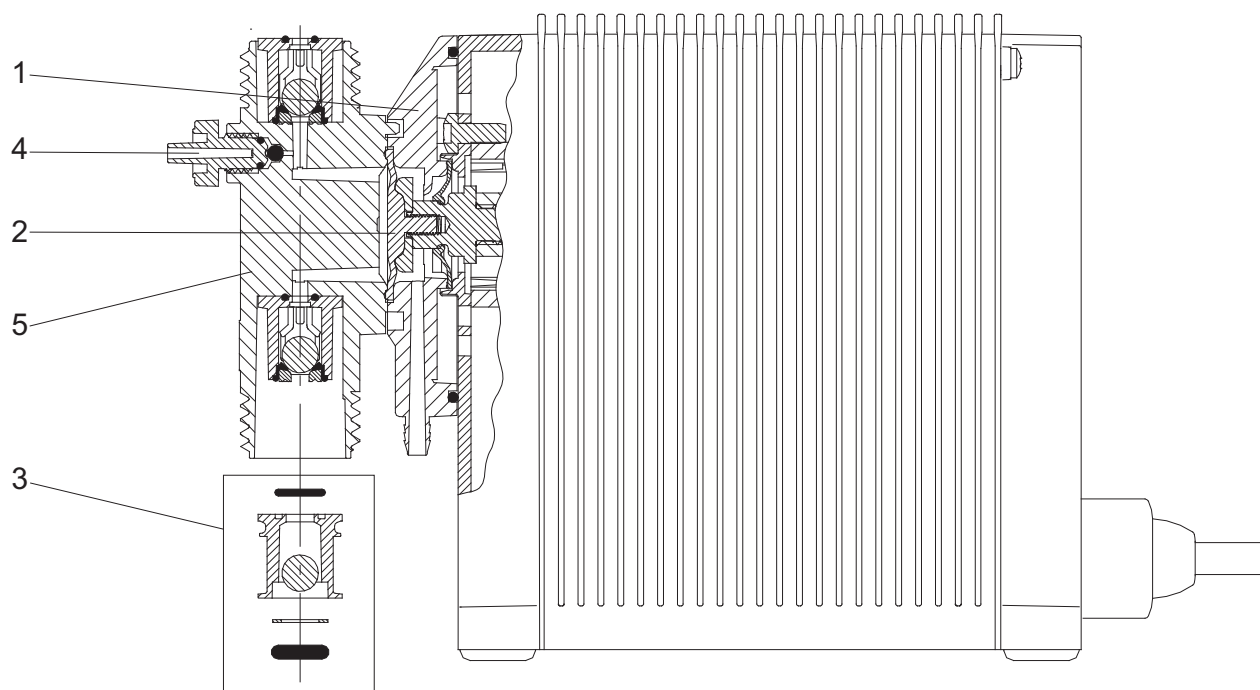
DMS**DMS, 1 x 230 V, 50 Hz/1 x 120 V, 60 Hz****Service kit, DMS**

Pump	Valves	Materials dosing head/gaskets/valve balls	Product numbers			
			Complete dosing head pos. 2 + 3 x 3 + 2 x 9 + 13 + 14 + 15 + 18	Valves + diaphragm pos. 2 + 3 x pos. 3	Diaphragm pos. 2	Valves 3 x pos. 3
DMS 2	Standard	PP/EPDM/ceramic	96440665	96441131	96440740	96440711
		PP/FKM/ceramic	96446814	96446774	96440740	96446836
		PVDF/FKM/ceramic	96440667	96441133	96440740	96440713
		Stainless steel/FKM/stainless steel	96440669	96441135	96440740	96440723
		PVDF/PTFE/ceramic	96636077	96635984	96440740	96574015
	Spring-loaded	PP/EPDM/ceramic	96440666	96441132	96440740	96440712
		PP/FKM/ceramic	96446815	96446775	96440740	96446837
		PVDF/FKM/ceramic	96440668	96441134	96440740	96440722
		Stainless steel/FKM/stainless steel	96440670	96441136	96440740	96440724
		PVDF/PTFE/ceramic	96636079	96636063	96440740	96635983
DMS 4	Standard	PP/EPDM/ceramic	96440699	96441177	96440750	96440711
		PP/FKM/ceramic	96446818	96446782	96440750	96446836
		PVDF/FKM/ceramic	96440701	96441179	96440750	96440713
		Stainless steel/FKM/stainless steel	96440703	96441181	96440750	96440723
		PVDF/PTFE/ceramic	96690668	96636064	96440750	96574015
	Spring-loaded	PP/EPDM/ceramic	96440700	96441178	96440750	96440712
		PP/FKM/ceramic	96446819	96446783	96440750	96446837
		PVDF/FKM/ceramic	96440702	96441180	96440750	96440722
		Stainless steel/FKM/stainless steel	96440704	96441182	96440750	96440724
		PVDF/PTFE/ceramic	96690683	96636066	96440750	96635983
DMS 8	Standard	PP/EPDM/ceramic	96440671	96441149	96440743	96440711
		PP/FKM/ceramic	96446816	96446780	96440743	96446836
		PVDF/FKM/ceramic	96440673	96441151	96440743	96440713
		Stainless steel/FKM/stainless steel	96440675	96441153	96440743	96440723
		PVDF/PTFE/ceramic	96636083	96636067	96440743	96574015
	Spring-loaded	PP/EPDM/ceramic	96440672	96441150	96440743	96440712
		PP/FKM/ceramic	96446817	96446781	96440743	96446837
		PVDF/FKM/ceramic	96440674	96441152	96440743	96440722
		Stainless steel/FKM/stainless steel	96440676	96441154	96440743	96440724
		PVDF/PTFE/ceramic	96636085	96636069	96440743	96635983
DMS 12	Standard	PP/EPDM/ceramic	96440659	96441125	96440739	96440711
		PP/FKM/ceramic	96446812	96446772	96440739	96446836
		PVDF/FKM/ceramic	96440661	96441127	96440739	96440713
		Stainless steel/FKM/stainless steel	96440663	96441129	96440739	96440723
		PVDF/PTFE/ceramic	96636087	96636070	96440739	96574015
	Spring-loaded	PP/EPDM/ceramic	96440660	96441126	96440739	96440712
		PP/FKM/ceramic	96446813	96446773	96440739	96446837
		PVDF/FKM/ceramic	96440662	96441128	96440739	96440722
		Stainless steel/FKM/stainless steel	96440664	96441130	96440739	96440724
		PVDF/PTFE/ceramic	96690541	96636071	96440739	96635983

Power cord, DME and DMS

Pump type	Description	Kit No
DME DMS	Schuko	96497534
	United States	96497535
	Switzerland	96497536
	Australia	96497537
	United Kingdom	96497538
	Japan	96497539

DMS



DMX**DMX, 1 x 115-240V, 50/60Hz; 3 x 230/400V, 50Hz****Model 221 DN size 8**

Pump nominal capacity [l/h]	Valve body	Gasket	Seat	Ball	Valves + diaphragm (2 valves + diaphragm)	Diaphragm	Valve kit (2 valves)	Valve single item (1 valve)
4, 8, 16	PP	EPDM	EPDM	PTFE	96375311	96679483	96375368	-
	PP	FKM	FKM	Glass	96690379	96679483	-	91834499
	PVC	EPDM	EPDM	1.4401	91836476	96679483	-	91834496
	PVC	FKM	FKM	Glass	96634414	96679483	-	96617127
	PVC	FKM	FKM	Ceramic	95715694	96679483	-	91834506
	PVC	PTFE	PTFE	PTFE	91835948	96679483	-	91834508
	PVDF	PTFE	PTFE	PTFE	91835961	96679483	-	96375354
	1.4571	FKM	FKM	1.4401	96375312*	96679483	96375369	-
7, 14, 27	PP	EPDM	EPDM	PTFE	96617129	96375338	96375368	-
	PP	FKM	FKM	Glass	96690380	96375338	-	91834499
	PVC	EPDM	EPDM	1.4401	96690378	96375338	-	91834496
	PVC	EPDM	EPDM	Ceramic	98178426	96375338	-	91836623
	PVC	FKM	FKM	Glass	96625929	96375338	-	96617127
	PVC	PTFE	PTFE	Ceramic	91835950	96375338	-	91834501
	PVC	PTFE	PTFE	PTFE	91835951	96375338	-	91834508
	PVDF	PTFE	PTFE	PTFE	91835962	96375338	-	91834502
9, 18, 35	1.4571	FKM	FKM	1.4401	96375310*	96375338	96375369	-
	PP	FKM	FKM	Glass	96689030	91834314	-	91834499
	PVC	EPDM	EPDM	1.4401	91835953	91834314	-	91834496
	PVC	EPDM	EPDM	PTFE	95729862	91834314	-	91834505
	PVC	FKM	FKM	Ceramic	95715693	91834314	-	91834506
	PVC	FKM	FKM	Ceramic	95722514	91834314	-	On request
	PVC	FKM	FKM	Glass	96634413	91834314	-	96617127
	PVC	PTFE	PTFE	PTFE	91835954	91834314	-	91834508
9, 18, 35 (discharge valve spring-loaded)	PVDF	PTFE	PTFE	PTFE	91835963	91834314	-	91834502
	1.4571	FKM	FKM	1.4401	91835959*	91834314	96375369	-
	PVC	EPDM	EPDM	PTFE	95729864	91834314	-	On request
	PVC	FKM	FKM	Ceramic	95722514	91834314	-	On request
12, 26, 50	PP	EPDM	EPDM	PTFE	96375313	96375340	96375368	-
	PP	FKM	FKM	Glass	96638521	96375340	-	91834499
	PVC	EPDM	EPDM	1.4401	91835956	96375340	-	91834496
	PVC	EPDM	EPDM	PTFE	96625626	96375340	-	91834505
	PVC	PTFE	PTFE	Ceramic	91835958	96375340	-	91834501
	PVC	PTFE	PTFE	PTFE	96645652	96375340	-	91834508
	1.4571	FKM	FKM	1.4401	96375314*	96375340	96375369	-
	12, 26, 50 (diaphragm = TFM)	PVC	FKM	FKM	Glass	95717252	95714099	-
12, 26, 50 (diaphragm = PTFE)	PVC	FKM	FKM	Glass	96624546	96375340	-	96617127
12, 26, 50 (discharge valve spring-loaded)	PP	EPDM	EPDM	PTFE	95729863	96375340	-	On request

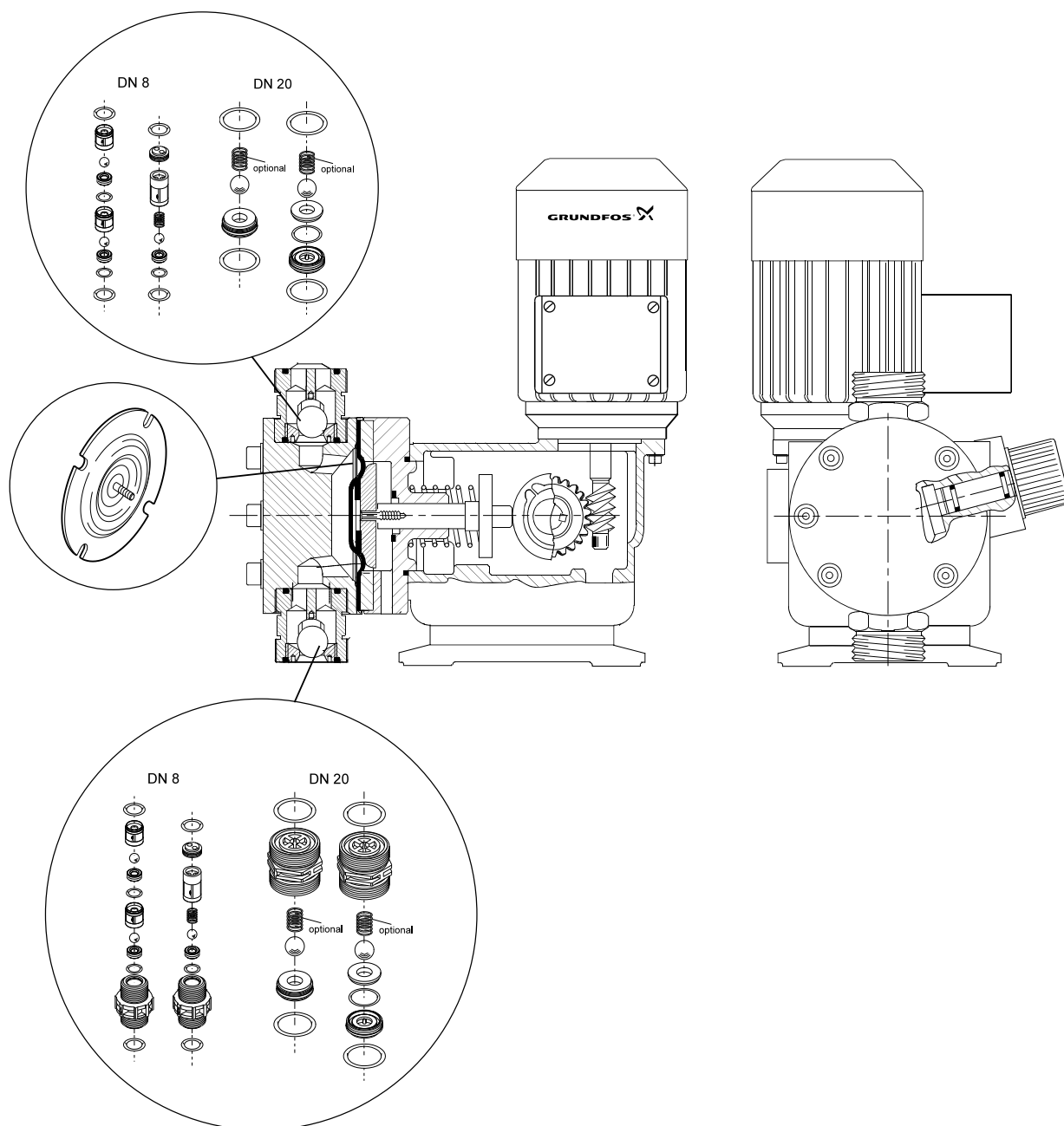
* Kit contains only inner valve parts.

Model 221 DN size 20

Pump nominal capacity [l/h]	Valve body	Gasket	Seat	Ball	Valves + diaphragm (2 valves + diaphragm)	Diaphragm	Valve kit (2 valves)	Valve single item (1 valve)
17, 39, 75	PP	EPDM	PTFE	PTFE	96375315*	96375341	96375366	-
	PP	FKM	PTFE	Glass	96689033*	96375341	95710354*	-
	PVC	EPDM	PTFE	1.4401	91835966*	96375341	-	On request
	PVC	EPDM	PTFE	PTFE	96689032*	96375341	-	On request
	PVC	FKM	PTFE	Glass	91835965*	96375341	95710354*	-
	PVDF	PTFE	PTFE	PTFE	91835967*	96375341	95724394*	-
	1.4571	FKM	1.4571	1.4401	96375316*	96375341	96375367	-
	PP	EPDM	PTFE	PTFE	96375307*	96375337	96375366	-
25, 60, 115	PP	FKM	PTFE	Glass	96690381*	96375337	95710354*	-
	PVC	EPDM	PTFE	1.4401	96689034*	96375337	-	On request
	PVC	EPDM	PTFE	PTFE	96625630*	96375337	-	On request
	PVC	FKM	PTFE	Glass	91835968*	96375337	95710354*	-
	PVDF	PTFE	PTFE	PTFE	91835969*	96375337	95724394*	-
	1.4571	FKM	1.4571	1.4401	96375308*	96375337	96375367	-

* Kit contains only inner valve parts.

DMX



TM06 0080 4713

Model 226 DN size 20

Pump nominal capacity [l/h]	Valve body	Gasket	Seat	Ball	Valves + diaphragm (2 valves + diaphragm)	Diaphragm	Valve kit (2 valves)	Valve single item (1 valve)
24M, 52M, 100M, 142M, 67L, 132L, 190L	PP	EPDM	PTFE	Glass	96637362*	96375345	-	On request
	PP	EPDM	PTFE	PTFE	98965726*	96375345	96375366	-
	PVC	EPDM	PTFE	1.4401	98965725*	96375345	-	On request
	PVC	FKM	PTFE	Glass	98965724*	96375345	95710354*	-
	PVC	FKM	PTFE	PTFE	96625633*	96375345	-	On request
	PVDF	EPDM	PTFE	PTFE	91835891*	96375345	-	On request
	1.4571	FKM	1.4571	1.4401	98965743*	96375345	96375367	-
37M, 82M, 160M, 230M, 95L, 199L, 280L	PP	EPDM	PTFE	Ceramic	98965765*	96375342	-	On request
	PP	EPDM	PTFE	PTFE	96688839*	96375342	96375366	-
	PP	FKM	FKM	Glass	96651025*	96375342	-	On request
	PVC	EPDM	PTFE	Ceramic	98965765*	96375342	95728740	-
	PVC	EPDM	PTFE	PTFE	96688839*	96375342	-	On request
	PVC	FKM	FKM	Glass	96651025*	96375342	-	On request
	PVC	PTFE	PTFE	1.4401	91835893*	96375342	-	On request
	PVDF	FKM	PTFE	PTFE	91835894*	96375342	-	On request
	1.4571	EPDM	1.4571	1.4401	98965753*	96375342	-	On request
	1.4571	FKM	1.4571	1.4401	98965754*	96375342	96375367	-
60M, 130M, 255M, 380M, 152L, 321L, 460L	PP	EPDM	PTFE	PTFE	96617277*	96375343	96375366	-
	PVC	EPDM	PTFE	Ceramic	98965761*	96375343	95728740	-
	PVC	FKM	PTFE	Glass	98871195*	96375343	95710354*	-
	PVC	EPDM	PTFE	PTFE	96617277*	96375343	-	On request
	PVC	EPDM	PTFE	1.4401	91836667*	96375343	-	On request
	PVDF	EPDM	PTFE	PTFE	91835897*	96375343	-	On request
	1.4571	FKM	1.4571	1.4401	98871199*	96375343	96375367	-

* Kit contains only inner valve parts.

Model 226 DN size 32

Pump nominal capacity [l/h]	Valve body	Gasket	Seat	Ball	Valves + diaphragm (2 valves + diaphragm)	Diaphragm	Valve kit (2 valves)	Valve single item (1 valve)
249L, 315L, 525L, 765L	PP	EPDM	PP	PTFE	98871180*	96375343	96375370	-
	PP	FKM	PP	Glass	98871193*	96375343	-	On request
	PVC	FKM	PP	Glass	98871193*	96375343	-	On request
	PVC	PTFE	PE	Glass	96688843*	96375343	-	On request
	PVC	FKM	PE	Glass	91835898*	96375343	-	On request
	PVDF	PTFE	PTFE	PTFE	98871196*	96375343	-	On request
	1.4571	FKM	1.4571	1.4401	98871197*	96375343	96375371	-

* Kit contains only inner valve parts.

Model 227 DN size 50

Pump nominal capacity [l/h]	Valve body	Gasket	Seat	Ball	Valves + diaphragm (2 valves + diaphragm)	Diaphragm	Valve kit (2 valves)	Valve single item (1 valve)
430, 860, 1120	PP	FKM	PTFE	Ceramic	96688805*	91834456	-	On request
	PVC	EPDM	PTFE	Glass	91835857*	91834456	-	On request
	PVC	FKM	PTFE	Glass	91835856*	91834456	-	On request
	1.4571	FKM	1.4571	1.4401	96688806*	91834456	-	On request
770, 1520, 2000	PP	FKM	PTFE	Ceramic	96688807*	91834462	-	On request
	PVC	EPDM	PTFE	Glass	91835859*	91834462	-	On request
	PVC	FKM	PTFE	Glass	91835858*	91834462	-	On request
	1.4571	FKM	1.4571	1.4401	96688808*	91834462	-	On request

* Kit contains only inner valve parts.

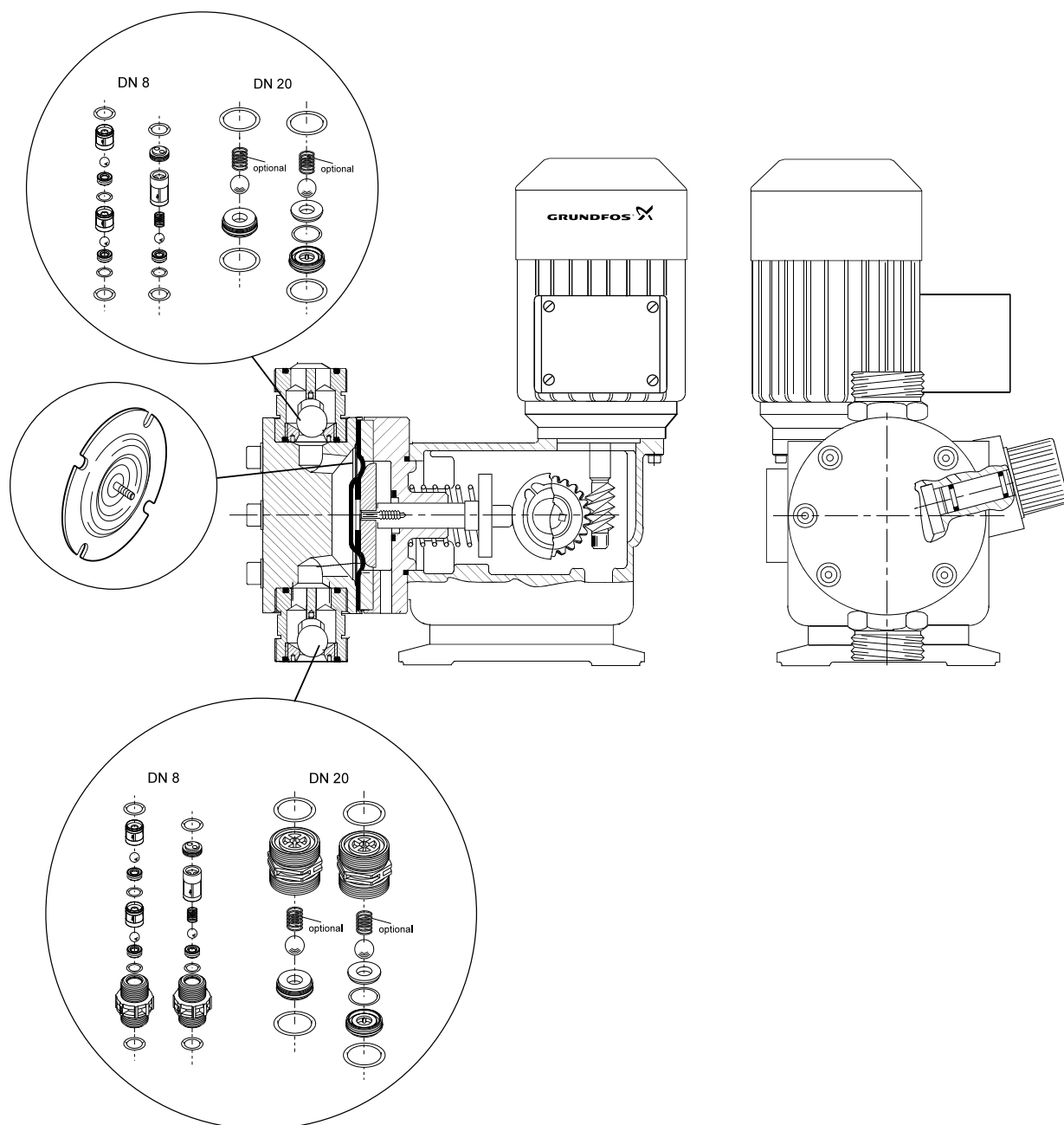
Cable and connectors

Application		Type	Pins	Coding	Straight/angled	Cable length	Other	Kit No
Input	Analog contact for remote switch	Plug connector	4	Groove (nut)	Straight	2		96609014
						5		96609016
					Angled	Plug only		96698715
						2		96693246
Output	Error relay stroke or pre-empty relay	Plug connector	4	Tappet	Straight	2		96609017
						5		96609019
					Angled	Plug only		96696198
						2		96698716
Input	Empty	Flat plug connector	2	Aldos-type	Straight	Plug only	Soldered cable	96679388
Input	(Pre-)empty	Flat plug connector	3	Aldos-type	Straight	Plug only	Soldered cable	96630345
Adaptor flat-round	(Pre-)empty	Plug connector	4	Groove (nut)	Straight	Plug only		96635010

DMX lubricant grease kit

Model	Grease type	Description	Kit PN
All DMX pumps	ZG-AL 867	Grease - Kit, 0.200 kg	96624547

DMX



TM06 0080 4713

Gas dosing up to 200 kg

Vaccuperm

Maintenance kits VGA, VGB

Type	Version	Info	Medium	Kit No
VGB-103	Geco	until 12-2005	Chlorine	91835975
VGB-103	Geco	from 01-2006	Chlorine	96688961
VGA-111	Geco		Chlorine	91835972
VGA-113	Geco		Chlorine	91835973
VGA-113	Geco		NH ₃ /SO ₂ /CO ₂	96689052
VGA-113	All versions		Chlorine	91835974
VGA-113	All versions		NH ₃ /SO ₂ /CO ₂	96689053
VGA-113	All versions	Incl. diaphragm, screws, spring, O-rings	Chlorine	96688861
VGA-113	Diaphragm	For all		91834679
VGA-111	Without liquid trap and full vacuum system	4 kg/h	Chlorine	91835972
VGA-111	Without liquid trap		Chlorine	96689047
VGA-111	All versions	Repair kit w/diaphragm, screws, O-rings, valve cone		96688860
VGA-111	With liquid trap	4 kg/h	Chlorine	91835977
VGA-111	With liquid trap and full vacuum system		Chlorine	96689049
VGA-111	Diaphragm	For all	Chlorine	91834679
VGA-111	Valve cone silver		Chlorine	91834717
VGA-111	Without liquid trap	4 kg/h	NH ₃ /SO ₂ /CO ₂	96689051
VGA-111	With liquid trap	4 kg/h	NH ₃ /SO ₂ /CO ₂	96689054
VGA-111	With liquid trap and full vacuum system		NH ₃ /SO ₂ /CO ₂	96689055
VGA-111	Manometer	R 1/4	Chlorine	96688865
VGA-117	Geco		Chlorine	91835976
VGA-117	Geco		NH ₃ /SO ₂ /CO ₂	96689050
VGA-117	Valid until month 05/2004		Chlorine	96689067
VGA-117	Valid from month 06/2004		Chlorine	95725112
VGA-146	Without liquid trap		NH ₃ /SO ₂ /CO ₂	96688781
VGA-146	With liquid trap			96688782
VGA-146	Without liquid trap		Chlorine	91836513
VGA-146	With liquid trap			91835842
VGA-146	Diaphragm			91834718
VGA-146	Valve cone		Chlorine	91834717

Maintenance kits VGS

Type	Version	Medium	Kit No
VGS-141	100, 250 g/h	NH ₃	96688783
	500 g/h - 5 kg/h		96729335
VGS-141	190, 475 g/h	SO ₂	96688783
	950 g/h - 9.5 kg/h		96729335
VGS-141	200, 500 g/h	Chlorine	96729331
	1000 g/h - 10 kg/h		96688759
VGS-143	20 kg/h	NH ₃	96729336
VGS-143	38 kg/h	SO ₂	96729336
VGS-143	40 kg/h	Chlorine	96688761
VGS-145	100 kg/h	NH ₃	96729337
VGS-145	190 kg/h	SO ₂	96729337
VGS-145	200 kg/h	Chlorine	96688763
VGS-147	40 kg/h	Chlorine	96688764
VGS-148	70 kg/h	Chlorine	96688765
VGS-148	120 kg/h	Chlorine	96688766
VGS-148	200 kg/h	Chlorine	96688767
VGS-147	20 kg/h	NH ₃	96688787
VGS-147	38 kg/h	SO ₂	
VGS-148	35 kg/h	NH ₃	96688788
VGS-148	65 kg/h	SO ₂	
VGS-148	60 kg/h	NH ₃	96688789
VGS-148	115 kg/h	SO ₂	
VGS-148	100 kg/h	NH ₃	96688790
VGS-148	190 kg/h	SO ₂	

Vaccuperm accessories

Change-over devices

Maintenance kits

Type	Medium	Kit No
185-1 gasket set	Chlorine	96688979
185-2 with bypass, gasket set	Chlorine	
186-120	Chlorine	95720552
189-010	Chlorine	91835829
189-010	NH ₃ /SO ₂	96688791

Adsorption filter

Type	Info	Medium	Kit No
Refilling package	4 kg	Chlorine	96688989
Refilling package	4 kg	SO ₂	96688990

Gas mask, chlorine gas

Type	Info	Kit No
Filter	For mask: 96727010 (515-401)	DIN 3181 96688099

Connection cylinder header lines

Type	Version	Medium	Kit No
Copper line	1 m	Chlorine	96688686
	2 m		96690366
Stainless steel line	1 m	NH ₃ , SO ₄	96688690
	1.5 m		96688691
Connection valve	5/8"	Chlorine	96688688
		NH ₃ , SO ₄	96688694
	3/4"	Chlorine	96688687
		NH ₃ , SO ₄	96688693
	1"	Chlorine	96690367
		NH ₃ , SO ₄	96688692
	1.03-14	Chlorine	96688689
	1 1/4"	Chlorine	96690368
		NH ₃ , SO ₄	96688695
PE-hose 8 x 11 mm	Full vacuum, 10 m	Chlorine	96701705
PE-hose 10 x 14 mm	Full vacuum, 10 m	Chlorine	91836646

Injectors up to 10 kg/h, chlorine gas

Type	Version		Kit No	
Injector 545 Geco 10 kg/h				
545-510 - 545-2020	Geco		91835846	
545-3030 - 545-4030	Geco		96688795	
545-6030 - 545-10030	Geco		91835847	
Injector 545 up to 4 kg/h				
545-11 - 545-14	4	kg/h	96688748	
Diffusor	500	g/h	A 96681121	
Diffusor	1000	g/h	B 96681122	
Diffusor	2000	g/h	C 96681123	
Diffusor	4000	g/h	D 96681124	
Nozzle	500	g/h	A 96681125	
Nozzle	1000	g/h	B 96681126	
Nozzle	2000	g/h	C 96681127	
Nozzle	4000	g/h	D 96681128	
Injector 10 kg/h				
545-0518	0.5-3	bar	DN 25	96688738
545-1519			1 1/4"	
545-3518	3-7	bar	DN 25	
545-4519			1 1/4"	

Injector 20 to 40 kg/h, chlorine gas

Type	Version	Kit No	Diffusor	Nozzle
545-0615	20 kg/h	96688740	96680792	96680791
545-3615			96680805	96680804
545-0715	40 kg/h	96688741	96680797	96680796
545-3715			96680810	96680809

Oxiperm Pro

Maintenance kits Oxiperm Pro

Oxiperm Pro OCD-162-5

Oxiperm Pro OCD-162-5	Dosing pump for chlorine dioxide	Product No.
until June 2012	mechanical and digital	95702445
	without	95702446
after June 2012	SMART Digital DDA	98153636
	without	98153651

Oxiperm Pro OCD-162-10

Oxiperm Pro OCD-162-10	Dosing pump for chlorine dioxide	Product No.
until June 2012	mechanical DMI	95702500
	digital DDI	95707853
	without	95702499
after June 2012	SMART Digital DDA	98153962
	without	98153966

Oxiperm Pro OCD-162-30

Oxiperm Pro OCD-162-30	Dosing pump for chlorine dioxide	Product No.
until June 2012	mechanical DMX	95717915
	digital DDI	95717916
	without	95717917
after June 2012	mechanical DMX	98162637
	digital DDI	98162644
	without	98162647

Oxiperm Pro OCD-162-60

Dosing pumps for hydrochloric acid and sodium chlorite	Dosing pump for chlorine dioxide	Product No.
DMX (all years)	mechanical DMX	95717919
	digital DDI	95717920
	without	95717921
DDE (after 03-2012, only 115 V)	digital DDI	98382087
	without	98382297

Spare parts Oxiperm Pro OCD-162-5, -10

Part	Description	Version	Product No.
Dosing pump for HCl	230 V	DDE 10-6, complete	98163454
	115 V, USA cable		98163456
Dosing pump for NaClO ₂	230 V		98163419
	115 V, USA cable		98163440
Dosing pump for ClO ₂	230 V	DDA, complete	98163484
	115 V, USA cable		98163486
Suction lance for HCl	for 30-litre container	complete	98163672
	for 55-gallon container		98163679
Suction lance for NaClO ₂	for 30-litre container		98163639
	for 55-gallon container		98163678
Hose PTFE 4/6, red	to reaction tank	1.5 m	96727507
Hose PTFE 4/6, blue			96727509
Hose PTFE 4/6, white	to volume compensation bag		96727482
Hose PE 6/9	to solenoid valve	10 m	96727412
Hose PE 6/12			96653571
Hose PE 8/11, transparent	for reaction tank drain	1.25 m	95717381
Connection PVC 5/8 female/hose 4/6	for suction lances	U2 metric connection set for Europe, PVC, for hoses: 4/6, 6/9, 6/12, 9/12	97691903
Connection G 5/8 female/hose set	for dosing line of multi-function valve	U2 metric connection set for Europe, PVDF, for hoses: 4/6, 6/9, 6/12, 9/12	97691904
Connection G 5/8 female/hose set	for dosing line of multi-function valve, USA	U7 connection set USA, PVDF, for hoses: 1/8 x 1/4, 1/4 x 3/8, 3/8 x 1/2	97691907
Connection G 1/4 male/hose 4/6	to input of reaction tank	2 pieces	95717382
Solenoid valve for dilution water	230 V	without screw connections	95717903
	115 V		95717904
Level indicator of reaction tank		4 switching points	95717905
Level indicator of batch tank		2 switching points	95717906
Reaction tank with batch tank	OCD-162-5	complete	95717907
	OCD-162-10		95717911
Drain cock at the batch tank		complete	95717384
Volume compensation bag		1 piece	95717908
Activated carbon filter		1 piece	95717909
Valve at the activated carbon filter	inlet and outlet valve	2 pieces	95717436
Multi-function valve		complete	95704598
Cover		complete	95717438
Electronic controller, 230 V	OCD-162-5	complete	95715737
Electronic controller, 115 V		complete	95715738
Electronic controller, 230 V	OCD-162-10	complete	95715740
Electronic controller, 115 V		complete	95715741
Strainer	for input of solenoid valve	5 pieces	95717437
System frame			98163701
T-piece for PTFE hose 4/6	to volume compensation bag	1 piece	95714891
Set of hoses 4/6, with connections	for suction lances	red and blue, 1.5 m each	98163781
Connection pieces between connection for hose and solenoid valve.	G 5/8 female/hose 6/9 for input of solenoid valve	1 complete set	95727673
	PE hose 1/4 x 3/8 for input of solenoid valve, USA		95727674
	G 5/8 female/hose 4/6 for output of solenoid valve		95727672
Connection for hoses 6/9 and 6/12	for input of solenoid valve		95717385
Connection for PE hose 1/4 x 3/8, USA			95717528
Connection G 3/8 female/hose 4/6	for output of solenoid valve	2 pieces	95717529
Connection G 5/8 female/hose 4/6	for internal connections	5 pieces	98163817
Fastening set	hose clamps and screws		95717531

Spare parts Oxiperm Pro OCD-162-30, -60

Parts	Description	Version	Product No.
Dosing pump for NaClO ₂	230 V	DDE 15-4, complete	98163904
	115 V, USA cable		98163921
Dosing pump for HCl	230 V	DDE 15-4, complete	98163923
	115 V, USA cable		98163925
Dosing pump for ClO ₂	230 V	DMX, complete	95715682
	115 V, USA cable		95715681
	115-230 V	DDI, complete	95715632
	115 V, USA cable		98165876
Dosing pump for HCl	230 V	DMX, complete	95717388
	115 V, USA cable	DDE 15-4	98158410
Dosing pump for NaClO ₂	230 V	DMX, complete	95717389
	115 V, USA cable	DDE 15-4	98158408
Dosing pump for ClO ₂	230 V	DMX, complete	95716872
	115 V, USA cable	DMX, complete	95716873
	115-230 V	DDI, complete	95715632
	115 V, USA cable		95735144
Suction lance for HCl	for 60-litre container	complete	98164260
	for 55-gallon container		98163679
	for 200-/1000-litre container		98164293
Suction lance for NaClO ₂	for 60-litre container	complete	98164258
	for 55-gallon container		98163678
	for 200-/1000-litre container		98164291
Hose PTFE 9/12	for internal connection	1.5 m	96727489
Hose PE 6/9	to solenoid valve	10 m	96727412
Hose PVC 6/12			96653571
Hose PVC 8/11	for drain of reaction tank	1.25 m	95717381
Connection G 5/8 female/hose set	for dosing line of multi-function valve	U2 metric connection set for Europe, PVDF, for hoses: 4/6, 6/9, 6/12, 9/12	97691904
Connection G 5/8 female/hose set	for dosing line of multi-function valve, USA	U7 connection set USA, PVDF, for hoses: 1/8 x 1/4, 1/4 x 3/8, 3/8 x 1/2	97691907
Connection G 1/4 male/hose 4/6	from output of reaction tank	2 pieces	95717382
Solenoid valve for dilution water	230 V	without screw connections	95717444
	115 V		95717445
Level indicator of reaction tank	OCD-162-30	4 switching points	95717446
Level indicator of batch tank		2 switching points	95717447
Reaction tank with batch tank		complete	95717448
Level indicator of reaction tank	OCD-162-60	4 switching points	95717455
Level indicator of batch tank		2 switching points	95717456
Reaction tank		complete	95717457
Batch tank			95717458
Drain cock at the batch tank		complete	95717384
Volume compensation bag		1 piece	95717449
Adsorption filter		1 piece	95717450
Valve at the adsorption filter	inlet and outlet valve	2 pieces	95717436
Multi-function valve			95704598
Cover		complete	95717438
Foot cover			95717443
Electronic controller, 230 V			95715743
Electronic controller, 115 V			95715744
Strainer	for input of solenoid valve	5 pieces	95717437
System frame			95717451
Foot			95717452
Hose PTFE 4/6, white	to volume compensation bag	1.5 m	96727482
T-piece for PTFE hose 4/6		1 piece	95714891
Connection pieces between connection for hose and solenoid valve.	G 5/8 male/G 1/4 male for input of solenoid valve	1 complete set	95723464
	G 1/4/G 5/8 male for output of solenoid valve		95723463
Connection for PE hose 6/9	for input of solenoid valve		95717385
Connection for PE hose 1/4 x 3/8, USA			98165337
Non-return valve	for dosing line	2 pieces	98165354
Connection G 5/8 female/hose 9/12	for internal connections	5 pieces	98165381
Fastening set	hose clamps and screws		95717459
Pipe elbow	at input of reaction tank		95717386

Oxiperm

Oxiperm 164 C & D

Maintenance kits

Maintenance kit	164-150C	1164-450C	164-750C	164-1300C	164-2500C	164-005D	164-010D	164-030D	164-120D	164-220D	164-350D	164-700D	164-1000D	164-1500D	164-2000D	Kit No
Description																
Dosing tubes for HCl and NaClO₂																
DN 4 (red) for HCl	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	96688871
DN 4 (blue) for NaClO ₂	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	96688872
DN 8 (transparent) for HCL, NaClO ₂	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	96688873
Foot valves																
Union nut, grey PVC	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	91834129
Valve seat, grey PVC	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	91836474
Ball, ceramic	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	91834426
Float switch, PP	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	91836475
Weighting stone, KER 1101	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	91834078
Dosing controller																
Flowmeter DN 4 metering pump						X	X									96679651
Flowmeter DN 4 metering pump	X	X						X	X							91834754
Flowmeter DN 4 metering pump			X							X						96681091
Flowmeter DN 8 metering pump	X									X						96681092
Flowmeter DN 8 metering pump				X												96681093
Flowmeter DN 8 metering pump		X	X		X						X	X				91836490
Flowmeter DN 8 metering pump				X									X	X		96681071
Flowmeter DN 20 metering pump					X											96681087
Labels																
Warning label	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	91836546
HCl label	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	91836547
NaClO ₂ label	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	91836548
Temperature sensor																
Temperature sensor	X	X	X	X	X											96687986
O-ring	X	X	X	X	X											98443941
Orifice for sensor, PTFE/carbon	X	X	X	X	X											96681076
Reactor (3 x valves)																
For system backpressure lower than 3 bar						X	X									96689070
For system backpressure higher than 3 bar						X	X									96689072
For system backpressure lower than 3 bar								X	X	X						91836549
For system backpressure higher than 3 bar								X	X	X						96689071
For system backpressure lower than 3 bar										X	X	X	X	X		91836550
For system backpressure higher than 3 bar										X	X	X	X	X		96689073
For system backpressure lower than 3 bar	X	X	X													96689074
For system backpressure higher than 3 bar	X	X	X													96689075
For system backpressure lower than 3 bar				X												96689076
For system backpressure higher than 3 bar				X												96689077
For system backpressure lower than 3 bar					X											96689078
For system backpressure higher than 3 bar					X											96689079
Bypass, standard version with solenoid valve																
Solenoid valve 230 V, with flow limiter 7 l/min						X	X	X	X	X	X					96680703
Solenoid valve 115 V, with flow limiter 7 l/min						X	X	X	X	X	X					91836551
Solenoid valve 230 V, with flow limiter 15 l/min											X	X	X	X		96680702
Solenoid valve 115 V, with flow limiter 15 l/min											X	X	X	X		91836509
Flow limiter 7 l/min	X	X				X	X	X	X	X	X					96727956
Flow limiter 15 l/min			X	X	X						X	X	X	X		95729459
Flowmeter FHKU 100	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	91834753
Bypass pump																
Bypass pump 230 V, cpl., bypass internal	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	96681109
Bypass pump 115 V, bypass internal	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	96688549
Solenoid valve																
Solenoid valve 230 V, 50 Hz	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	96687772
Solenoid valve 115 V, 60 Hz	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	96687775

Maintenance kit	164-150C	1164-450C	164-750C	164-1300C	164-2500C	164-005D	164-010D	164-030D	164-120D	164-220D	164-350D	164-700D	164-1000D	164-1500D	164-2000D	Kit No
Description																
Batch																
Flowmeter FHKU 100				X	X								X	X	X	91834753
Flowmeter FHKU 56			X									X				95712071
Flowmeter FHKU 25	X									X						91836499
Flowmeter FHKU 20									X							96681088
Flowmeter FHKU 15								X								91836552
Flowmeter FHKU 10						X	X									96681089
PVC solenoid valve 230 V, 50/60 Hz	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	96688597
PVC solenoid valve 115 V, 50/60 Hz	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	91836553
Pressure-retention valve DN 8	X	X	X			X	X	X	X	X						95730742
Pressure-retention valve DN 20				X	X						X	X	X	X	X	96376567
Suction injection for enclosure exhausting option																
Spare part set injector 545	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	96688748
Diffuser B complete						X	X	X	X	X						91834747
Diffuser C complete	X	X	X	X	X						X	X	X	X	X	91834748
Nozzle B						X	X	X	X	X						96681070
Nozzle C	X	X	X	X	X						X	X	X	X	X	91834743

Oxiperm 164C maintenance kit for one year

Oxiperm type	Date of manufacture [MM/YYYY]	Variant	Pressure	Kit No
164-150C	until 12/2003		up to 3 bar	96729640
	until 12/2003		more than 3 bar	96729639
	from 01/2004 until 03/2012		up to 3 bar	96689100
	from 01/2004 until 03/2012		more than 3 bar	96689101
	from 04/2012		up to 3 bar	98363493
164-450C	from 04/2012		more than 3 bar	98363496
	until 12/2003		up to 3 bar	96729642
	until 12/2003		more than 3 bar	96729641
	from 01/2004 until 03/2012		up to 3 bar	91835978
	from 01/2004 until 03/2012		more than 3 bar	96689102
164-750C	from 04/2012		up to 3 bar	98363499
	from 04/2012		more than 3 bar	98363500
	until 12/2003		up to 3 bar	96729644
	until 12/2003		more than 3 bar	96729643
	from 01/2004 until 03/2012		up to 3 bar	96689103
164-1300C	from 01/2004 until 03/2012		more than 3 bar	96689104
	from 04/2012		up to 3 bar	98363501
	from 04/2012		more than 3 bar	98363502
	until 12/2003		up to 3 bar	96729646
	until 12/2003		more than 3 bar	96729645
164-2500C	from 01/2004 until 03/2012		up to 3 bar	96689105
	from 01/2004 until 03/2012		more than 3 bar	96689106
	from 04/2012		up to 3 bar	98363503
	from 04/2012		more than 3 bar	98363504
	until 12/2003		up to 3 bar	96729648
164-4000C and 164-6000C	until 12/2003		more than 3 bar	96729647
	from 01/2004 until 03/2012		up to 3 bar	96689107
	from 01/2004 until 03/2012		more than 3 bar	96689108
	from 04/2012		up to 3 bar	98363505
	from 04/2012		more than 3 bar	98363506
164-7500C	until 03/2012	115 V		96689085
	from 04/2012	115 V		98363507
	until 03/2012	230 V		96689086
	from 04/2012	230 V		98363508
	until 03/2012	230 and 115 V		96689087
164-10000C	from 04/2012	230 and 115 V		98363510

The package includes maintenance kit for dosing pump.

Oxiperm 164D maintenance kit for one year

Oxiperm type	Date of manufacture [MM/YYYY]	Variant	Pressure	Kit No
164-010D	until 03/2012		up to 3 bar	96689082
164-050D	until 03/2012		more than 3 bar	96689083
164-030D 164-120D	until 12/2003	with calibration system	up to 3 bar	91836528
	until 12/2003	with calibration system	more than 3 bar	96729585
	from 01/2004 until 03/2012	with calibration system	up to 3 bar	96689088
	from 01/2004 until 03/2012	with calibration system	more than 3 bar	96689089
	from 01/2004 until 03/2012		up to 3 bar	96729524
	from 01/2004 until 03/2012		more than 3 bar	96729525
	from 04/2012	with calibration system	up to 3 bar	98363408
	from 04/2012	with calibration system	more than 3 bar	98363422
	from 04/2012		up to 3 bar	98363426
	from 04/2012		more than 3 bar	98363427
164-220D	until 12/2003		up to 3 bar	96729586
	until 12/2003		more than 3 bar	96729587
	from 01/2004 until 03/2012	with calibration system	up to 3 bar	96689109
	from 01/2004 until 03/2012	with calibration system	more than 3 bar	96689110
	from 04/2012	with calibration system	up to 3 bar	98363429
	from 04/2012	with calibration system	more than 3 bar	98363434
	from 01/2004 until 03/2012		up to 3 bar	91836563
	from 01/2004 until 03/2012		more than 3 bar	96729526
	from 04/2012		up to 3 bar	98363436
	from 04/2012		more than 3 bar	98363438
164-350D	from 01/2004 until 03/2012		up to 3 bar	96689090
	from 01/2004 until 03/2012		more than 3 bar	96689091
	from 04/2012		up to 3 bar	98363440
	from 04/2012		more than 3 bar	98363461
164-700D	until 12/2003		up to 3 bar	96729592
	until 12/2003		more than 3 bar	96729591
	from 01/2004 until 03/2012		up to 3 bar	96689092
	from 01/2004 until 03/2012		more than 3 bar	96689093
	from 04/2012		up to 3 bar	98363462
	from 04/2012		more than 3 bar	98363463
164-1000D	from 01/2004 until 03/2012		up to 3 bar	96689094
	from 01/2004 until 03/2012		more than 3 bar	96689095
	from 04/2012		up to 3 bar	98363464
	from 04/2012		more than 3 bar	98363465
164-1500D	from 01/2004 until 03/2012		up to 3 bar	96689096
	from 01/2004 until 03/2012		more than 3 bar	96689097
	from 04/2012		up to 3 bar	98363466
	from 04/2012		more than 3 bar	98363467
164-2000D	from 01/2004 until 03/2012		up to 3 bar	96689098
	from 01/2004 until 03/2012		more than 3 bar	96689099
	from 04/2012		up to 3 bar	98363469
	from 04/2012		more than 3 bar	98363470

The package includes maintenance kit for dosing pump.

Maintenance kit, dosing pumps

	Pump	Voltage [V]	Medium	Kit No
164-150C	208-1.0	230	HCl	96641420
			NaClO ₂	
		115	HCl	
			NaClO ₂	
	221-16	230	H ₂ O	91835948
		115		
164-450C	208-3.0	230	HCl	96641420
			NaClO ₂	
		115	HCl	
			NaClO ₂	
	221-16	230	H ₂ O	91835948
		115		
164-750C	208-6.0	230	HCl	91835902
			NaClO ₂	
		115	HCl	
			NaClO ₂	
	221-27	230	H ₂ O	91835950
		115		
164-1300C	221-16	230	HCl	91835948
			NaClO ₂	
		115	HCl	
			NaClO ₂	
	221-50	230	H ₂ O	96645652
		115		
164-2500C	221-16	230	HCl	91835948
			NaClO ₂	
		115	HCl	
			NaClO ₂	
	253-100	230	H ₂ O	91836270
			HCl	
164-005D	208-0.3	230	HCl	91835901
			NaClO ₂	
		115	HCl	
			NaClO ₂	
	208-0.3	230	HCl	91835901
			NaClO ₂	
164-010D	208-0.3	115	HCl	91835901
			NaClO ₂	
		230	HCl	
			NaClO ₂	
	208-1.0	230	HCl	96641420
			NaClO ₂	
164-030D	208-1.0	115	HCl	96641420
			NaClO ₂	
		230	HCl	
			NaClO ₂	
	208-3.0	230	HCl	96641420
			NaClO ₂	
164-120D	208-3.0	115	HCl	96641420
			NaClO ₂	
		230	HCl	
			NaClO ₂	
	208-6.0	230	HCl	91835902
			NaClO ₂	
164-220D	208-6.0	115	HCl	91835902
			NaClO ₂	
		230	HCl	
			NaClO ₂	
	221-16	230	HCl	91835948
			NaClO ₂	
164-350D	221-16	115	HCl	91835948
			NaClO ₂	
		230	HCl	
			NaClO ₂	
	221-16	230	HCl	91835948
			NaClO ₂	
164-700D	221-16	115	HCl	91835948
			NaClO ₂	
		230	HCl	
			NaClO ₂	
	221-27	230	HCl	91835950
			NaClO ₂	
164-1000D	221-27	115	HCl	91835950
			NaClO ₂	
		230	HCl	
			NaClO ₂	
	221-35	230	HCl	91835954
			NaClO ₂	
164-1500D	221-35	115	HCl	91835954
			NaClO ₂	
		230	HCl	
			NaClO ₂	
	221-50	230	HCl	96645652
			NaClO ₂	
164-2000D	221-50	115	HCl	96645652
			NaClO ₂	
		230	HCl	
			NaClO ₂	
	221-50	115	HCl	96645652
			NaClO ₂	

Electronic board, Oxiperm 164 C (up to 2500 g/h)

Type	Voltage [V]	Kit No
Control panel ALLDOS	230	95725830
Control panel ALLDOS	115	95726832
Control panel ASHLAND	230	95726871
Control panel ASHLAND	115	95726872

Electronic board, Oxiperm 164 D (up to 2000 g/h)

Type	Voltage [V]	Kit No
Control panel ALLDOS	230	95716606
Control panel ALLDOS	115	95726804
Control panel ASHLAND	230	95726869
Control panel ASHLAND	115	95726870

Fuses for control panel

Type	Comment	Kit No
Set of fuses*	For all systems	96688774
Memory buffer battery (CR2032)	For all systems	96687766

* Fine fuses 5x20, inert: 0.1 A, 1 A, 6.3 A, 10 A, four of each size

Selcoperm

Selcoperm SES 125-2000

Test kit

Description	Kit No
Test kit for SES, comprising:	
• Measuring cylinder	
• Total hardness test for titrimetric determination of the water hardness	
• Thermometer	98842487
• Spindle for density measurement	
• Titration set for measurement of the chlorine concentration in the sodium hypochlorite solution	
• Laminated instruction sheet	

Acid-rinsing kit

For cleaning the electrolyser cell in case of deposits.

Description	Kit No
Manual acid pump and connection hose	95702377

Maintenance kit

The maintenance kit includes parts for maintenance after two years (maintenance kit for brine pump and for Selcoperm).

Description	Kit No
Maintenance kits for systems until 2010	
Selcoperm 125-500	95702281
Selcoperm 1000-2000	95702282
Maintenance kits for systems from 2011	
Selcoperm 125-500	98045877
Selcoperm 1000-2000	98045899
Maintenance kits for systems from 04-2012	
Selcoperm 125-500	98047506
Selcoperm 1000-2000	98047507

Selcoperm SES 5000-45000

Test kit

Description	Kit No
Test kit for SES, comprising:	
• Measuring cylinder	
• Total hardness test for titrimetric determination of the water hardness	
• Thermometer	98842487
• Spindle for density measurement	
• Titration set for measurement of the chlorine concentration in the sodium hypochlorite solution	
• Laminated instruction sheet	

Maintenance kits

These maintenance kits comprise the diaphragm and valve parts for the maintenance of the brine pumps in the brine dosing station. One kit is required for each pump.

Description	SES Type	Pump type	Kit No
Maintenance kit for brine pump	SES-5000	DDI AF 150-4	96634524
	SES-7500		
	SES-10000		
	SES-15000	DME AR 375-10	96520380
	SES-20000		
	SES-30000	DME AR 940-4	96520391
	SES-45000		

Polydos

Polydos 412A spare parts

Description	For type PD412A	Product No.
Metering screw	500/1000/2000	98502332
	4000/6000	98503705
	10000	98503704
Pressure reducing valve	500/1000	95734792
	2000	98421613
	4000/6000	95719774
	10000	98421615
Solenoid valve	500/1000	95706390
	2000	95706391
	4000/6000	95710313
	10000	98421611
Stirrer on chamber I	500	98421991
	1000	95716817
	2000	95716820
	4000/6000	95716824
	10000	95716829
Stirrer on chamber II/III	500	98421990
	1000	95716818
	2000	95716821
	4000	95716825
	6000/10000	95716827
Water flow meter	500/1000	98114933
	2000	98114937
	4000/6000/10000	98114938

Measurement & control

AquaCells D1, D2, D3, D11, D12, D13

Electrodes, buffers

AquaCell electrode

Type	Version	Measuring cells	Comment	Kit No
pH electrode			All measuring cells	96609158
Redox (ORP)	Ceramic		Not for DIP	96609162
Redox (ORP)			Only for DIP	96622944
Chlorine		D1, D2, D3, D11, D12, D13		96609174

Reference electrodes for block measuring cell D11 (314-306)

Type	Version	Measuring cells	Comment	Kit No
Chlorine	Gold	D11 (314-306)	Not for AQC D1, D2, D3	91835242
Chlorine	Platinum	D11 (314-306)	Not for AQC D1, D2, D3	91835244

Special electrode, pH

Type	Version	Temp.	Pressure	Kit No
Electrode	pH 1-12	-5 to +80 °C	6 bar	96609161
Electrode PTFE tank	pH 1-12	0 to +80 °C	6 bar	96609159
Electrode KCL tank	pH 0-12	-5 to +80 °C	0 - 6 bar	95707720

Special electrode, Redox

Type	Version	Temperature	Pressure	Kit No
Electrode PTFE	± 1500 mV	-5 to +80 °C	10 bar	96609163

Measuring cells

Type	Version	Medium	Kit No					
			D11, 314-1xx-2xx-3xx	D1	D13, 314-6xx	D3	D12, 314-9xx	D2
Reference electrode	Gold	Chlorine	91835242	-	-	-	-	-
Reference electrode	Platinum	Chlorine	91835244	-	-	-	-	-
Reference electrode		Chlorine	-	-	96609174	-	96609174	-
Measuring electrode	Gold	Chlorine	-	96609175	91835855	96609175	96690373	96609175
Measuring electrode	Platinum	Chlorine	-	96609176	96688836	96609176	96688868	96609176
Cleaning wing			-	96609181	-	96622950	-	96622950
Cleaning wing + sealing			-	-	96657349	-	96690372	-
Cleaning stone, sealing, balls, washer			91835822	-	-	-	-	-
Gaskets			-	96609171	-	96609171	-	96609171
Sample-water filter			96622995	-	-	-	-	-
Sample-water sensor	3 m		-	96609173	91835355	96609173	96609173	96609173
Sample-water sensor	1 m		-	96609172	96687939	96609172	96609172	96609172
Pt100	Temperature measurement, 1 m		-	-	96697322	-	96687987	-
Pt100	Temperature measurement, 3 m		-	-	91834712	-	91835373	-
Pressure-retention valve	0.3 bar outlet		-	96609179	-	-	96609179	96609179

Paracetic acid

Type	Version	Comment	Kit No
Measuring electrode	Complete	Filled with electrolyte	95701374
Diaphragm	Incl. electrolyte		96622962
Electrolyte			96622966
Cable		Length: 2 m	91835331
Electrode holder			91835359

H₂O₂

Type	Version	Comment	Kit No
Measuring electrode	Complete	Filled with electrolyte	96622973
Diaphragm	Incl. electrolyte		96622974
Electrolyte	H ₂ O ₂		96622975
Cable		Length: 2 m	91835331
Electrode holder			91835359

Distribution box

Type	Kit No
Distribution box	91835294

Buffer solution

Type	Info	Kit No
pH buffer	pH 4.01, pH 7, pH 9.18 3 x 100 ml	96609165
Redox buffer	+220 mV	96609166
KCl	For the storage of electrodes	96688696

Cables for measuring cells

Type	Version	Length	Kit No
DIA DIP			
Electrode cable*	Electrode connector N	3 m	96609183
pH Redox measuring cable	Double screen coaxial	long distance	91835293
Signal cable, 4(0)-20 mA	Single screening 2-wire	Per metre	96687719
Conex sensor interface	Single screening 4-wire	Per metre	96635553
Measuring cells			
Cable measuring electrode	D12, D13, 314-6xx, -9xx	1.2 m	96687722
Cable measuring electrode	D12, D13, 314-6xx, -9xx	2 m	96687723
Electrode cable	Electrode connector N	3 m	96609183
Electrode cable*	Electrode connector N	1 m	96609182
Cable counter electrode	D11, 314-1xx, -2xx, -3xx	1 m	96687765
Cable counter electrode	D11, 314-1xx, -2xx, -3xx	3 m	91835333
Cable measuring electrode	D1, D2, D3	1 m	96609184
Cable measuring electrode	D1, D2, D3	3 m	96609185
Diaphragm measuring cells			
Sensor cable	PAA	2 m	91835331
Sensor cable	H ₂ O ₂	2 m	91835331
Conductivity-measuring cells			
Cable conductivity	Conductive measurement	5 m	96611925
Cable conductivity	Conductive measurement	15 m	96611928
Cable conductivity	Conductive measurement	25 m	96611929
Cable conductivity	Inductive measurement	10 m	95720380

* Single screen

Conex DIA-1, DIA-2, DIA-2Q

Type	Version	Kit No
Battery	Varta CR2032	96687766
Sensor interface	For panel-mounted amplifiers	96681059

Conversion kit

Type	Version	Kit No
Conversion kit	D1	96681139
	230 VAC cleaning motor	96622998
	115 VAC cleaning motor	96622999
	24 VDC cleaning motor	95707619
Conversion kit	D3	96681141
Conversion kit	D2	96681140

Sensim

Type	Info	Kit No
Battery	9 V	96687855
Adapter	Sensim electrode	96694052

Photometers

Accessories

Type	Info	Kit No
For DIT-B, DIT-N		
Battery	9 V	96687855
For DIT-S		
Charger	DIT-S	98664883
Electrode pH		96609164
Electrode Redox		96623006

DIT-B test reagent

Type	Info	Number of analyses	Kit No
Aluminium	0.02 - 0.5 mg/l	200	91836395
Ammonium	0.2 - 3.0 mg/l	250	96688699
Cl ₂ (free or total)	O ₃ , ClO ₂	350	96609167
ClO ₂	Reagent 1	150	96690369
ClO ₂	Reagent 2	350	91835798
O ₃		200	96688706
Free chlorine	0.03 - 5.0 mg/l	350	91835797
Chloride	1 - 25 mg/l	200	96688705
Chromium	0.03 - 5.0 mg/l	150	96688702
Cyanide	0.01 - 0.7 mg/l	200	96688708
Cyanuric acid	1 - 200 mg/l	200	96688710
Iron	0.1 - 1.2 mg/l	200	96688698
Fluoride	0.1 - 2.0 mg/l	250	96688709
Hydrazine	0.03 - 5.0 mg/l	200	96688700
Nitrate	0.5 - 30 mg/l	200	96688697
Nitrite	0.02 - 1.0 mg/l	220	96690370
pH	pH 6 - 8.5	200	96609168
Phosphate	0.07 - 4.5 mg/l	200	96688704

DIT-L test methods and reagents

Method	Parameter	Differentiation	Measuring range	Analyses per PU ¹⁾	Designation	Product number
CL 6	Chlorine, free	Free	0.01 - 6 mg/l Cl ₂	250	DPD No. 1 tablets	95727747
	Chlorine, free (high Ca)	Free (high Ca)			DPD No 1 high Calcium tablets	95727748
	Chlorine, total	Free and combined differentiated			DPD No. 1 tablets or DPD No. 1 high Calcium tablets	95727747 95727748
	Chlorine, total	Not differentiated			DPD No. 3 tablets	95727750
ClO ₂	Chlorine dioxide	In absence of Cl ₂	0.02 - 11 mg/l ClO ₂	250	DPD No. 4 tablets	95727751
		In presence of Cl ₂			DPD No. 1 tablets	95727747
					DPD No. 1 tablets	95727747
					Glycine tablets	95727752
CL 6	Chlorine dioxide analysis ²⁾	Chlorine dioxide, chlorite, free chlorine, combined chlorine	0.01 - 6 mg/l	250	DPD No. 1 tablets	95727747
					DPD No. 3 tablets	95727750
				100	Glycine tablets	95727752
					DPD acidifying tablets	98032751
					DPD neutralising tablets	98032752
					O ₃	Ozone
DPD No. 3 tablets	95727750					
In presence of Cl ₂	DPD No. 1 tablets	95727747				
	DPD No. 3 tablets	95727750				
	Glycine tablets	95727752				
pH	pH value	Phenol red	6.5 - 8.4 pH	250	Phenol red photometer tablets	95727753

¹⁾ PU = packing unit.

²⁾ The measurements are performed with method "CL6 " as the photometer does not supply a specific method for the determination of these parameters.

DIT-M test methods and reagents

No	Parameter	Differentiation	Measuring range	Analyses per PU	Designation	Product number
40	Aluminium T		0.01 - 0.3 mg/l Al	250	Combi pack Aluminium No. 1/No. 2, 250 tablets each	95727755
80	Bromine T		0.05 - 13 mg/l Br	100	DPD No. 1 tablets	95727761
100	Chlorine T	Free	0.01 - 6 mg/l Cl ₂	250	DPD No. 1 tablets	95727747
		Free (high Ca)			DPD No. 1 high Calcium tablets	95727748
		Total (free and combined differentiated)			DPD No. 1 tablets or	95727747
					DPD No. 1 high Calcium tablets	95727748
		Total (not differentiated)			DPD No. 3 tablets	95727750
120	Chlorine dioxide T	Cl ₂ and ClO ₂ differentiated	0.02 - 11 mg/l ClO ₂	250	DPD No. 4 tablets	95727751
					DPD No. 1 tablets	95727747
		ClO ₂ in absence of Cl ₂			DPD No. 3 tablets	95727750
					Glycine tablets	95727752
100	Chlorine dioxide analysis T ¹⁾	Chlorine dioxide, chlorite, free chlorine, combined chlorine	0.01 - 6 mg/l	250	DPD No. 1 tablets	95727747
					DPD No. 3 tablets	95727750
				100	Glycine tablets	95727752
					DPD acidifying tablets	98032751
					DPD neutralising tablets	98032752
90	Chloride T		0.5 - 25 mg/l (Cl ⁻)	250	Combi pack chloride T 1/T 2, 250 tablets each	95727754
160	Cyanuric acid		2 - 160 mg/l CyA	100	CyA-TEST tablets	95727760
220	Iron		0.02 - 1 mg/l Fe	100	Iron LR tablets	95727756
170	Fluoride L		0.05 - 2 mg/l F ⁻	100	SPADNS reagent	95727757
					Fluoride standard	95727758
240	Manganese T		0.2 - 4 mg/l Mn	100	Combi pack, manganese LR 1/LR 2, 100 tablets each	95727759
300	Ozone T	O ₃ in the presence of Cl ₂	0.02 - 2 mg/l O ₃	250	DPD No. 1 tablets	95727747
					DPD No. 3 tablets	95727750
		O ₃ in absence of Cl ₂			Glycine tablets	95727752
					DPD No. 1 tablets	95727747
					DPD No. 3 tablets	95727750
320	Phosphate LR, ortho T		0.05 - 4 mg/l PO ₄	100	Combi pack, phosphate No. 1 LR/No. 2 LR, 100 tablets each	95727764
210	Hydrogen peroxide T		0.03 - 3 mg/l H ₂ O ₂	100	Hydrogen peroxide LR tablets	95727762
330	pH value T		6.5 - 8.4 (phenol red)	250	Phenol red photometer tablets	95727753
20	Acid demand to pH 4.3 T		0.1 - 4 mmol/l	100	Alka-M-photometer tablets	95727763

T = tablet, L = liquide reagent, LR = low range, PU = packing unit.

¹⁾ The measurements are performed with method "100 Chlorine" and differentiation "free" as the photometer does not supply a specific method for the determination of these parameters.