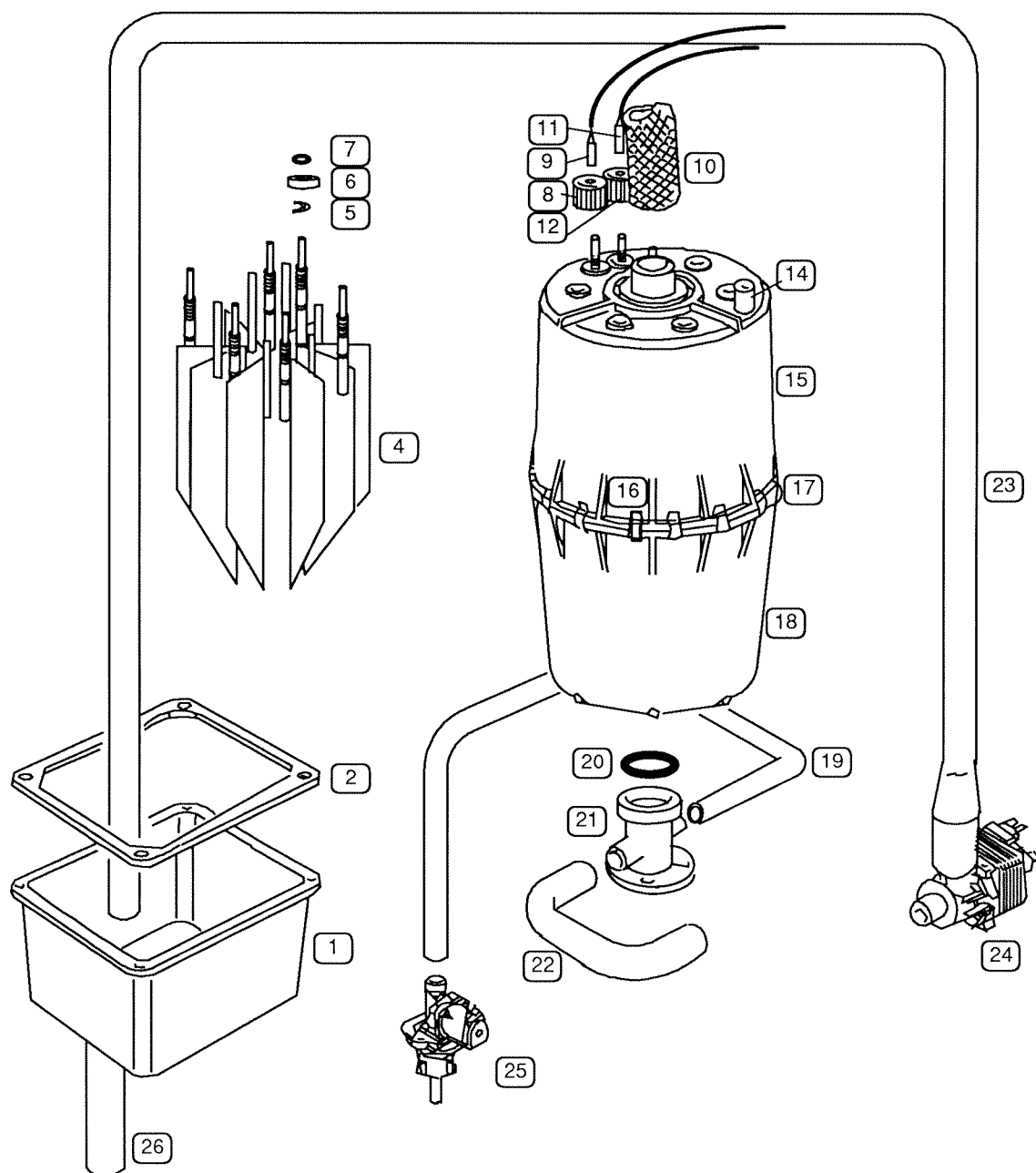


5.1 DB-EM



*	DB						Art. Nr.	Description
	4-8	10-17	23-30	45	60	90		
								Cabinet
	1		1				B-3120403	Cabinet, excl. electric blind, beige, green, empty
		1		1			B-2120503	Cabinet, excl. electric blind, beige, green, empty
							B-2121002	Cabinet, excl. electric blind, beige, green, empty
					1		B-2120802	Cabinet, excl. electric blind, beige, green, empty
						1	B-2121102	Cabinet, excl. electric blind, beige, green, empty
	1						E-3120419	Front panel for steam section
		1	1				E-2120519	Front panel for steam section
				1			E-2121019	Front panel for steam section
					1		E-2120819	Front panel for steam section
						1	E-2121119	Front panel for steam section
	1						E-3120420	Front panel for electric section, excl. electric blind
		1	1				E-2120520	Front panel for electric section, excl. electric blind
				1			E-2121020	Front panel for electric section, excl. electric blind
					1		E-2120820	Front panel for electric section, excl. electric blind
						1	E-2121120	Front panel for electric section, excl. electric blind
	1	1	1	1	2	2	E-2124014	Safety lock for electric panel DB4-90 and steam panel DB60,90
	1	1	1	1			E-2124016	Safety lock for steam panel DB4-45
	2	2	2	2	2	2	E-2124015	Key for safety lock (per set = 2 pc.)
	1	1	1	1	2	2	E-2120102	Grip for electric panel DB4-90 / steam panel DB60,90, green, without lock
	1	1	1	1			E-2120101	Grip for steam panel DB4-45, green, without lock
	1						B-3126010	Complete set of cable entry fittings for connecting cable
		1	1				B-2125016	Complete set of cable entry fittings for connecting cable
				1			B-2127014	Complete set of cable entry fittings for connecting cable
					1		B-2123017	Complete set of cable entry fittings for connecting cable
						1	B-2127024	Complete set of cable entry fittings for connecting cable
	1						E-3120406	Blind electric panel, L-electronic
		1	1				E-2120506	Blind electric panel, L-electronic
				1			E-2121006	Blind electric panel, L-electronic
	1						E-3120404	Blind electric panel, EM-electronic
		1	1				E-2120504	Blind electric panel, EM-electronic
				1			E-2121004	Blind electric panel, EM-electronic
					1		E-2120804	Blind electric panel, EM-electronic
						1	E-2121104	Blind electric panel, EM-electronic
	1						E-3120405	Blind electric panel, MP-electronic
		1	1				E-2120505	Blind electric panel, MP-electronic
				1			E-2121005	Blind electric panel, MP-electronic
					1		E-2120805	Blind electric panel, MP-electronic
						1	E-2121105	Blind electric panel, MP-electronic
					1		E-2120810	Blind steam panel
						1	E-2121110	Blind steam panel
	3	3	3	3	6	6	E-2120001	Screw M4 for mounting grip E-2120102
	5	5	5	5	10	10	E-2505123	Plastic cap nut M3 for mounting electric and steam blind
	1	1	1	2	1	2	E-2120002	Blind plug for hole in the steam part bottom
								Steam Generation
	1						B-3204031	Steam cylinder CY 8 transp. compl. with electrodes, ready for installation
		1					B-2204101	Steam cylinder CY17 transp. compl. with electrodes, ready for installation
			1		2		B-2204105	Steam cylinder CY30 transp. compl. with electrodes, ready for installation
				1		2	B-2204109	Steam cylinder CY45 transp. compl. with electrodes, ready for installation
15	1						E-3226005	Top part of steam cylinder, DN 25/12, empty
15		1					E-2206068	Top part of steam cylinder, DN 25/12, empty
15			1		2		E-2206069	Top part of steam cylinder, DN 40/12, empty

*	DB						Art. Nr.	Description
	4-8	10-17	23-30	45	60	90		
15				1		2	E-2207001	Top part of steam cylinder 2xDN 40/12, empty
18	1						B-3216007	Lower part of steam cylinder, compl. with strainer
18		1					B-2206046	Lower part of steam cylinder, compl. with strainer
18			1		2		B-2206071	Lower part of steam cylinder, compl. with strainer
18				1		2	B-2207002	Lower part of steam cylinder, compl. with strainer
	1						B-3204025	Top part of steam cylinder, compl. with electrodes for CY8
		1					B-2204095	Top part of steam cylinder, compl. with electrodes for CY17
			1		2		B-2204099	Top part of steam cylinder, compl. with electrodes for CY30
				1		2	B-2204079	Top part of steam cylinder, compl. with electrodes for CY45
17	1						E-3216010	O-ring seal for cylinder flange, transparent cylinder
17		1					E-2206050	O-ring seal for cylinder flange, transparent cylinder
17			1		2		E-2206051	O-ring seal for cylinder flange, transparent cylinder
17				1		2	E-2207011	O-ring seal for cylinder flange, transparent cylinder
20	1						E-3216011	O-ring seal for cylinder base
20		1	1	1	2	2	E-2204022	O-ring seal for cylinder base
4	1						B-3204021	Electrodes, compl. without Hand nuts for CY8, Set=3pc.
4		1					B-2204087	Electrodes, compl. without Hand nuts for CY17, Set=3pc.
4			1		2		B-2204089	Electrodes, compl. without Hand nuts for CY30, Set=6pc.
4				1		2	B-2204091	Electrodes, compl. without Hand nuts for CY45, Set=6pc.
	1						B-3204029	Sensor electrode, compl. without Hand nut, max. limitation
		1	1	1	2	2	B-2204073	Sensor electrode, compl. without Hand nut, max. limitation
6	3						E-3204010	Retainer for O-ring, electrode
6		3	6		12		E-2204062	Retainer for O-ring, electrode
6				6		12	E-2204064	Retainer for O-ring, electrode
5	3						E-3204022	Safety washer RA5.0 for electrode
5		3	6		12		E-2204086	Safety washer RA6.0 for electrode
5				6		12	E-2204088	Safety washer RA8.0 for electrode
7	3						E-3216018	O-ring electrode, 5mm
7		3	6		12		E-2204020	O-ring electrode, 8mm
7				6		12	E-2207012	O-ring electrode, 10mm
	1	1	1	1	2	2	E-3204010	Retainer for O-ring, sensor electrode
	1	1	1	1	2	2	E-3204022	Safety washer RA5.0 for sensor electrode
	1	1	1	1	2	2	E-3216018	O-ring sensor electrode 5mm
8	1						E-3204014	Hand nut for electrode fastening, M6, colour: red
8	1						E-3204016	Hand nut for electrode fastening, M6, colour: black
8	1						E-3204018	Hand nut for electrode fastening, M6, colour: grey
8		1	2		4		E-2204068	Hand nut for electrode fastening, M8, colour: red
8		1	2		4		E-2204070	Hand nut for electrode fastening, M8, colour: black
8		1	2		4		E-2204072	Hand nut for electrode fastening, M8, colour: grey
8				2		4	E-2204074	Hand nut for electrode fastening, M10, colour: red
8				2		4	E-2204076	Hand nut for electrode fastening, M10, colour: black
8				2		4	E-2204078	Hand nut for electrode fastening, M10, colour: grey
12	1	1	1	1	2	2	E-3204018	Hand nut for sensor electrode fastening, M6, colour: grey
11	1	1	1	1	2	2	E-3216025	Plug-in contact with insulating hose for sensor electrode
9	3						E-3216024	Plug-in contact with insulating hose for electrode
9		3	6		12		E-2206059	Plug-in contact with insulating hose for electrode
9				6		12	E-2207016	Plug-in contact with insulating hose for electrode
16	12	18	24	24	48	48	E-3216022	Clamp for flange of transparent cylinder
	1	1	1	1	2	2	E-2204023	Drain filter
21	1						E-3216050	Base for steam cylinder
21		1	1	1	2	2	E-2206052	Base for steam cylinder
	2	2	2	2	4	4	E-2204034	Plastic cap-nut M5 for mounting cylinder base
14	1	1	1	1	2	2	E-2204035	Condensate plug

* Pos.-Nr. diagram 5.1

*	DB						Art. Nr.	Description
	4-8	10-17	23-30	45	60	90		
Water feed								
19	2	2	2	2	4	4	E-2304015	Clamp for connecting hose solenoid valve - cylinder base, d= 12mm
	1						B-3326002	Connecting hose, solenoid valve - cylinder base, l=1000mm
19		1	1		2		B-2325013	Connecting hose, solenoid valve - cylinder base, l=1500mm
19				1		2	B-2327000	Connecting hose, solenoid valve - cylinder base, l=1950mm
25	1						B-2304017	Solenoid valve, servo controlled, straight type, 0,2-10bar, 2,5l/min.
25		1	1	1	2	2	B-2307001	Solenoid valve, servo controlled, straight type, 0,2-10bar, 3,5l/min.
	1	1	1	1	2	2	E-2304029	Fine filter in the inlet fitting of solenoid valve
	1						E-3320400	Flow rate controller 2.5l/min.
		1	1	1	2	2	E-2321100	Flow rate controller 3.5l/min.
	1	1	1	1	2	2	E-2304036	Rubber seal solenoid valve - cabinet
	1	1	1	1	2	2	E-2304031	Servo controlled membrane for solenoid valve
	1	1	1	1	2	2	B-2304038	Valve piston with springs
	1	1	1	1	2	2	B-2304039	Piston coating, valve cover, coil-spring
	1	1	1	1	2	2	E-2304034	Solenoid valve coil with bayonet fitting, 230V/50-60Hz
	1	1	1	1	2	2	B-2304024	Threaded inlet fitting for solenoid valve, pipe d=10mm,
	1	1	1	1	2	2	B-2304030	Plastic union nut compl with sealing for solenoid valve
Water Drain								
22	1						E-3616006	Clamp for drain hose, from cylinder base to drain pump
	2	3	3	3	6	6	E-2404004	Clamp f. drain hose, from cyl. base to drain pump DB10-90/pump DB4-90
22	1						E-2403995	Drain hose from base to drain pump
22		1	1		2		E-2404002	Drain hose from base to drain pump
22				1		2	E-2407001	Drain hose from base to drain pump
24	1	1	1	1	2	2	B-2404005	Drain pump without mounting set
	1	1	1	1	2	2	E-2404008	Cover for drain pump
	1	1	1	1	2	2	E-2404009	Impeller for drain pump
	1	1	1	1	2	2	E-2404006	O-Ring seal for drain pump
	1	1	1	1	2	2	E-2404007	Shaft seal for drain pump
	1	1	1	1	2	2	B-2424014	Mounting set for drain pump
	1	1	1	1	2	2	E-3416003	Fastening clamp for drain hose
	1	1	1	1			E-3416005	Fastening clamp for drain hose, for split models
23	1						E-3426009	Pump drain hose DN15, L=900mm
23		1	1		2		E-2424003	Pump drain hose DN15, L=1445mm
23				1		2	E-2427000	Pump drain hose DN15, L=1670mm
	2	2	2	2	4	4	E-2420427	Nut for mounting tundish
	1	1	1	1	2	2	E-2404004	Clamp for tundish hose
	1	1	1	1	2	2	E-2420425	Drain hose for tundish, DN1 inch, per m
1+2	1	1	1	1	2	2	B-2420421	Tundish for drain water incl. sealing
2	1	1	1	1	2	2	E-2420426	Sealing for tundish
Electronic								
	1	1	1	1	2	2	B-2502400	Control switch, single pole, incl. protecting cap
	1						E-2501005	Main contactor 16A, 230V
		1					E-2501006	Main contactor 24A, 230V
			1		2		E-2505007	Main contactor 40A, 230V
				1		2	E-0505009	Main contactor 63A. 230V
	1	1	1	1	2	2	E-2525151	Transformer 230V/9V, 15VA
	1	1	1	1	2	2	E-2504039	Control fuse 5A, 5x20 mm
	1						B-3520001	Connecting cable terminal block - main contactor, set=3pc
		1					B-2524044	Connecting cable terminal block - main contactor, set=3pc
			1		2		B-2524045	Connecting cable terminal block - main contactor, set=3pc
				1		2	B-2527011	Connecting cable terminal block - main contactor, set=3pc

*	DB						Art. Nr.	Description
	4-8	10-17	23-30	45	60	90		
	1						B-3526013	Connecting cables for electrodes with plug-in contact, set=3pc
		1					B-2524035	Connecting cables for electrodes with plug-in contact, set=3pc
			1		1		B-2524036	Connecting cables for electrodes with plug-in contact, cylinder1, set=6pc
					1		B-2524037	Connecting cables for electrodes with plug-in contact, cylinder2, set=6pc
				1		1	B-2527009	Connecting cables for electrodes with plug-in contact, cylinder1, set=6pc
						1	B-2527010	Connecting cables for electrodes with plug-in contact, cylinder2, set=6pc
	1						B-3520401	Main wire loom
		1	1				B-2520501	Main wire loom
				1			B-2521001	Main wire loom
					1		B-2520801	Main wire loom
						1	B-2521101	Main wire loom
	1	1	1	1	2	2	E-2525121	Cover for electronic pcb
	1	1	1	1	2	2	B-2525122	Mounting set for cover
					1	1	E-2504008	Auxiliary relay 230V - 3-pole, plug-in type
					1	1	E-2504023	Socket for auxiliary relay
							L-Electronic	
	1	1	1	1			B-3524062	L-electronic pcb compl. with module holder
	1	1	1	1			E-3516010	Operation control lamp, "green", 230V
	1	1	1	1			E-3516011	LED "red" for cylinder max. level
	1						B-3524080	Terminal block complete for L-electronic
		1					B-2524081	Terminal block complete for L-electronic
			1				B-2524082	Terminal block complete for L-electronic
				1			B-2524083	Terminal block complete for L-electronic
	1						B-3524001	Wire loom signal lamp control
		1	1				B-2524002	Wire loom signal lamp control
				1			B-2524003	Wire loom signal lamp control
	1	1	1	1			E-3524070	Signal output pcb for collective fault
							EM - electronic	
	1	1	1	1	2	2	B-2525160	EM-electronic pcb compl. with module holder
	1	1	1	1	2	2	E-2525131	Display for EM-electronic
	1						B-3525080	Terminal block complete for EM-electronic
		1					B-2525081	Terminal block complete for EM-electronic
			1				B-2525082	Terminal block complete for EM-electronic
				1			B-2525083	Terminal block complete for EM-electronic
					1		B-2525084	Terminal block complete for EM-electronic
						1	B-2525085	Terminal block complete for EM-electronic
	1	1	1		1		B-2525002	Wire loom prop. control for EM-electronic
				1	1	2	B-2525003	Wire loom prop. control for EM-electronic
		1	1	1			B-2525135	Bus cable EM - RO 0,3m
	1				2		B-2525136	Bus cable EM - RO 0,5m
						2	B-2525137	Bus cable EM - RO 0,7m
	1	1	1	1	2	2	B-2525141	Ro signal output pcb complete with module holder
	1	1	1	1			B-0623023	Signal outputs "Operation" and "Collective fault"
					1	1	B-0623037	Signal outputs "Operation" and "Collective fault"
							MP-electronic	
	1	1	1	1	2	2	B-2522492	MT - pcb compl. with module holder
	1	1	1	1	2	2	E-2522494	MP-electronic/Display for MP-electronic
	1	1	1		2		B-3522451	Bus cable MP - MT 1,05m
				1		2	B-2522453	Bus cable MP - MT 1,35m
	1						B-3522480	Terminal block complete for MP-electronic
		1					B-2522481	Terminal block complete for MP-electronic

*	DB						Art. Nr.	Description
	4-8	10-17	23-30	45	60	90		
			1	1			B-2522482	Terminal block complete for MP-electronic
					1		B-2522483	Terminal block complete for MP-electronic
						1	B-2522484	Terminal block complete for MP-electronic
							B-2522485	Terminal block complete for MP-electronic
	1	1	1		1		B-2522402	Wire loom prop. control for MP-electronic
				1	1	2	B-2522403	Wire loom prop. control for MP-electronic
	1	1	1		1		B-3522452	Bus cable MP - MT - RO 1,43m
				1	1	2	B-2522454	Bus cable MP - MT - RO 1,94m
	1	1	1	1	2	2	B-2525141	RO signal output pcb complete with module holder
Accessories								
	x	x					E-2604249	Steam distributor, DN 25, 240mm, holes evenly spaced
	x	x					E-2604251	Steam distributor, DN 25, 400mm, holes evenly spaced
	x	x					E-2404253	Steam distributor, DN 25, 700mm, holes evenly spaced
	x	x					E-2604255	Steam distributor, DN 25, 1000mm, holes evenly spaced
	x	x					E-2304256	Steam distributor, DN 25, 1300mm, holes evenly spaced
			x	x	x	x	E-2604400	Steam distributor, DN 40, 300mm, holes evenly spaced
			x	x	x	x	E-2604402	Steam distributor, DN 40, 500mm, holes evenly spaced
			x	x	x	x	B-3626403	Steam distributor, DN 40, 700mm, holes evenly spaced
			x	x	x	x	B-2624404	Steam distributor, DN 40, 900mm, holes evenly spaced
			x	x	x	x	B-2604406	Steam distributor, DN 40, 1300mm, holes evenly spaced
	x	x					E-2604012	Steam hose DN25, per m
			x	x	x	x	E-2604013	Steam hose DN 40, per m
	x	x	x	x	x	x	E-2604014	Condensate hose DN 12, per m
	x	x					E-2404004	Steam hose clamp DN 25
			x	x	x	x	E-2604016	Steam hose clamp DN 40
	x	x	x	x	x	x	E-2304015	Condensate hose clamp DN 12
	x	x					E-2604019	Connectors for steam distribution T-piece DN 25
			x	x	x	x	E-2604020	Connectors for steam distribution T-piece DN 40
	x	x	x	x	x	x	E-2604021	Connectors for condensate T-piece DN 12
	1						B-3626010	Mounting kit
		1	1				B-2624022	Mounting kit
				1			B-2624023	Mounting kit
					1		B-2624024	Mounting kit
	x	x					B-2604026	Steam solenoid valve 0-0,4 bar, compl. for steam hose DN 25
			x	x	x	x	B-2604040	Steam solenoid valve 0-0.4 bar, compl. for steam hose DN 40
							E-2604029	Hose adapter DN 25
	x	x					E-2604030	Elbows 90° DN 25, stainless steel
			x	x	x	x	E-2604034	Elbows 90° DN 40, plastic
			x	x	x	x	E-2604036	Elbows 90° DN 40, stainless steel
							E-2604031	Connector DN 40/25
	1						B-2208005	Cylinder star
		1					B-2208007	Cylinder star
			1		2		B-2208009	Cylinder star
				1		2	B-2208011	Cylinder star
	1						B-2304063	Super flush complete
		1	1	1	2	2	B-2304065	Super flush complete

* Pos.-Nr. diagram 5.1