

**ServiceCard
Pump BS-B**

**Spare Part /
ServiceKits**

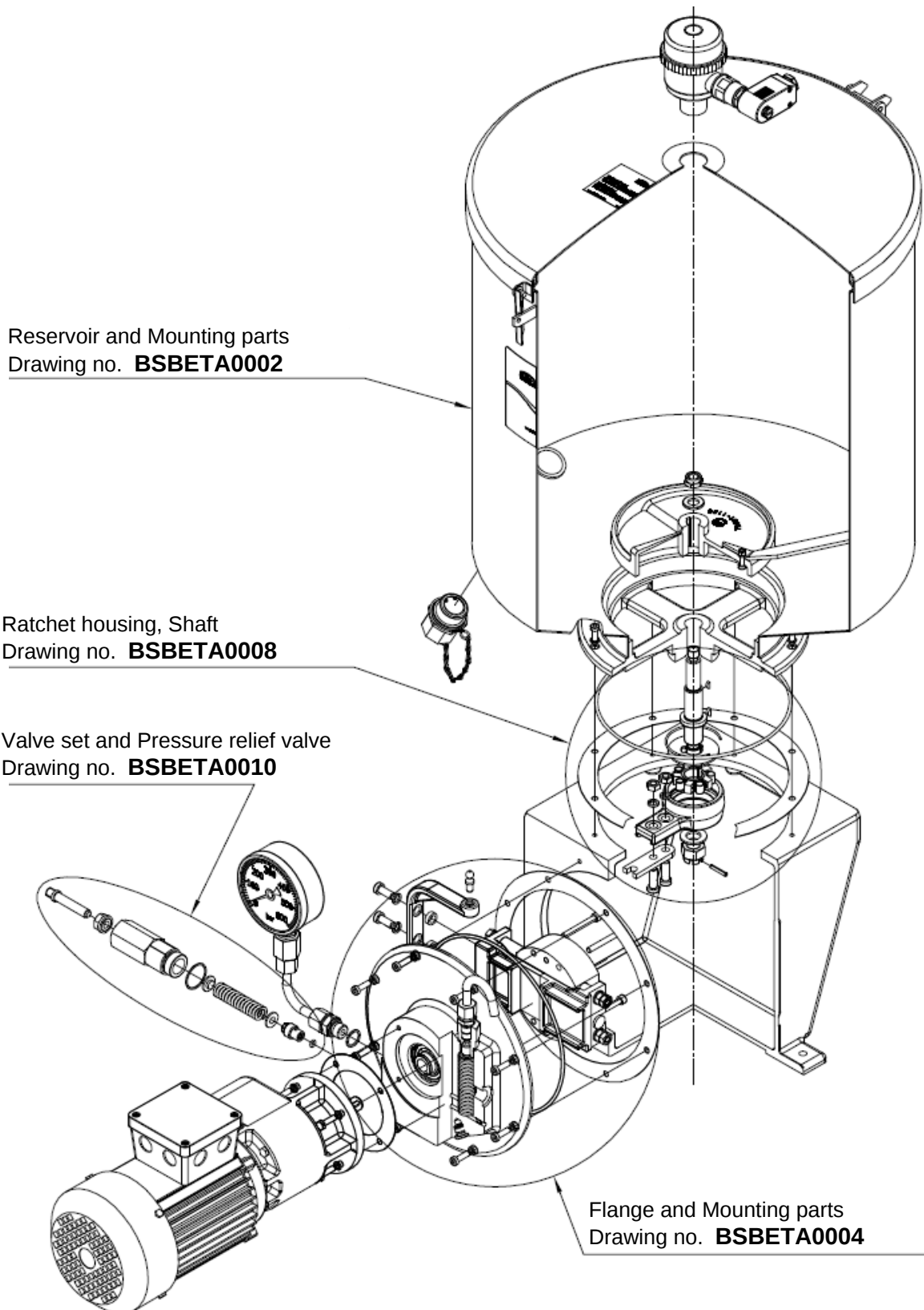
Sales Hotline:
+49 (0) 211 7774 299

Service Hotline:
+49 (0) 211 7774 262

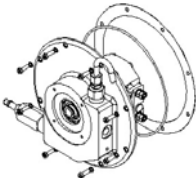
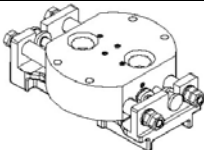
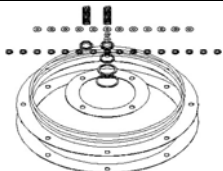
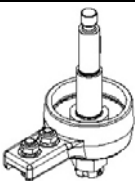
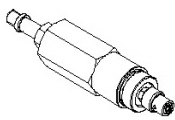
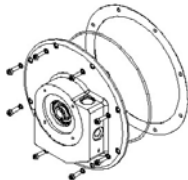
Central call:
+49 (0) 211 7774 0



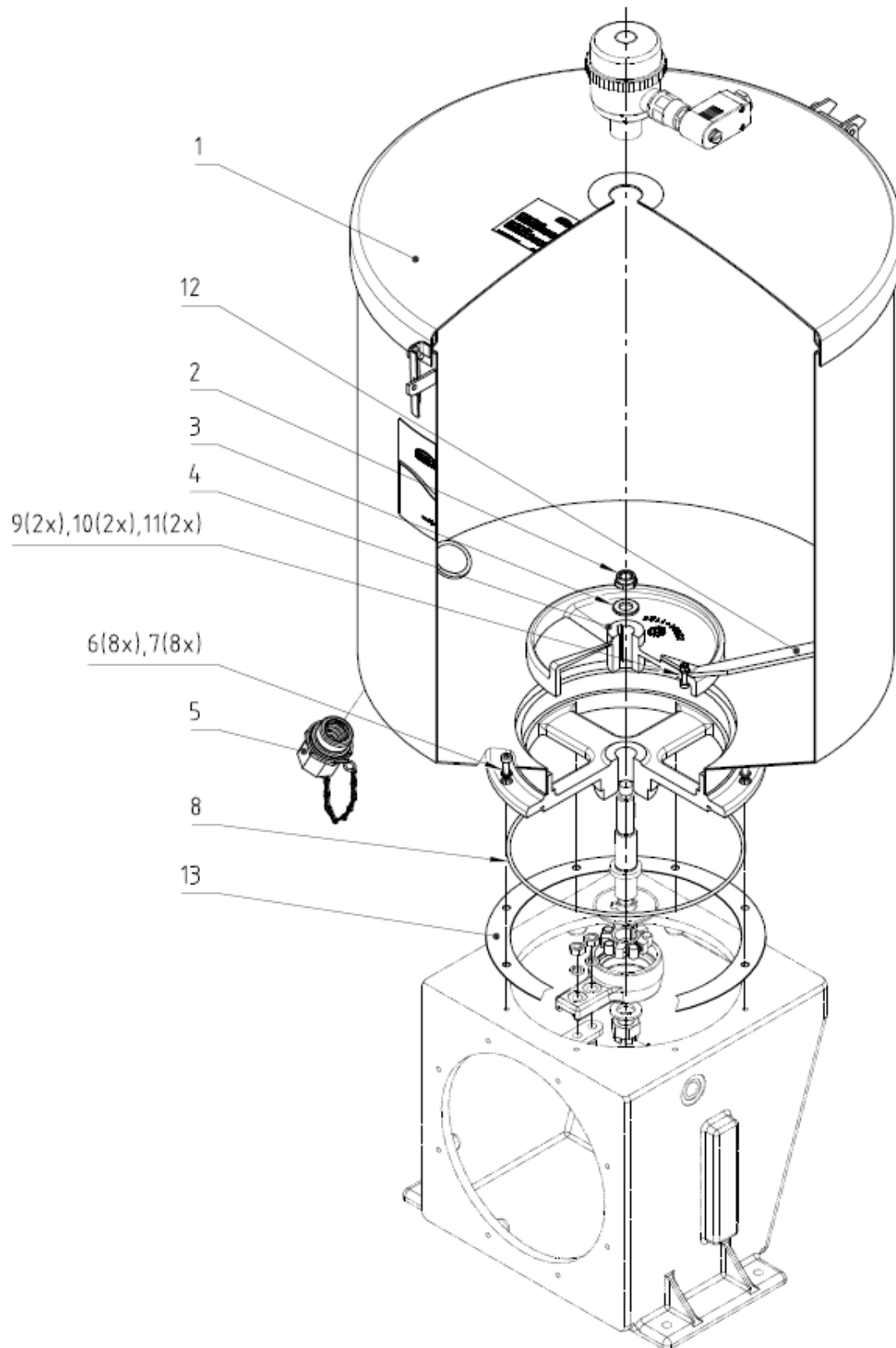
Spare part kits Overview



Spare part kits Overview

Service Card number		Drawing number	Page
BSBETA0001 Reservoir 30 liter		BSBETA0002	4 – 5
BSBETA0002 Reservoir 60 Liter		BSBETA0002	4 – 5
BSBETA0003 Reservoir 100 Liter		BSBETA0002	4 – 5
BSBETA0004 Pump insert		BSBETA0004	6 – 7
BSBETA0005 Pump element		BSBETA0004	6 – 7
BSBETA0007 Sealings and various small parts		BSBETA0007	8 – 9
BSBETA0008 Ratchet housing		BSBETA0008	10 – 11
BSBETA0009 Over pressure protection		BSBETA0004	10 – 11
BSBETA0010 Pressure relief valve		BSBETA0010	12 – 13
BSBETA0012 Pump flange		BSBETA0004	12 – 13
Other spare parts			14 – 15

Spare part kits Reservoir (BSBETA0001, BSBETA0002, BSBETA0003)

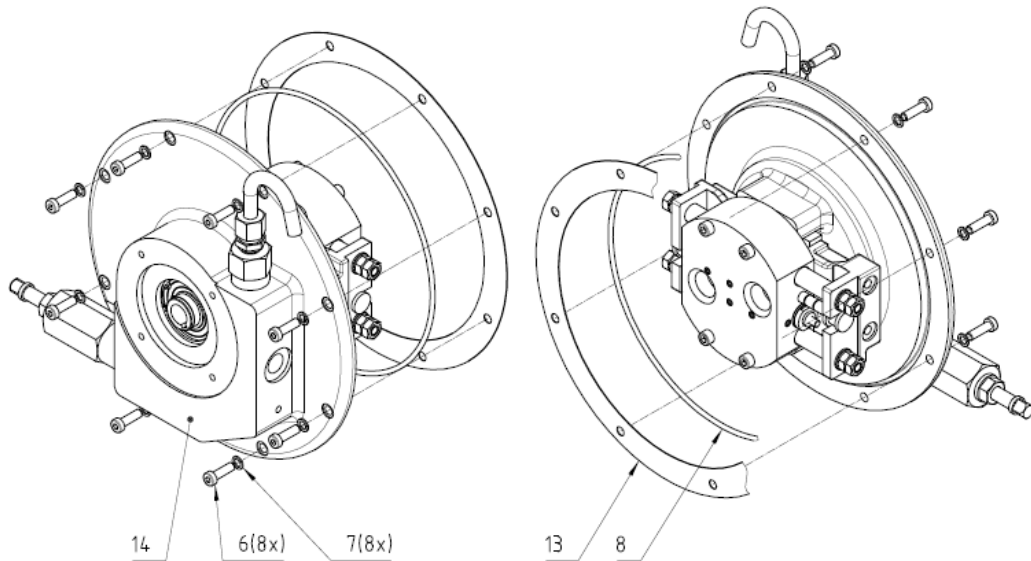


Spare part kits Reservoir

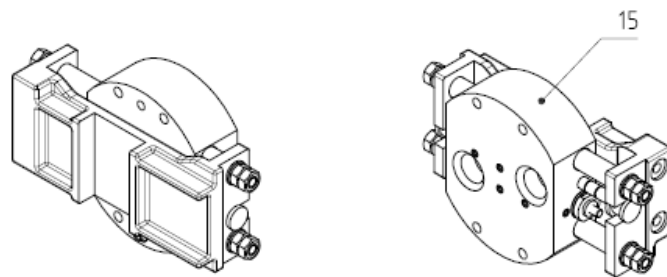
Article code	Item	Qty.	Description
BSBETA0001 Reservoir 30 liter	1	1	Reservoir 30 liter BS-B, powdered RAL 7004
	2	1	Hexagon nut ISO 10511 - M12 - 8 galvanized
	3	1	Washer ISO 7090 - 12 – 200 HV – A3F
	4	1	Feed screw BS-B
	5	1	Filling valve connecting thread R1"
	6	8	Cheese-head screw DIN 7984 - M6x20 - 8.8 - A3F
	7	8	Packing ring DIN 7603 - A 6x10x1 – Cu (DIN 7603)
	8	1	O-ring DIN 3771 – 210x3,5 – N – NBR 70
	9	2	Cheese-head screw DIN 7984 - M5x20 - 8.8 - A3F
	10	2	Spring ring DIN 7980 - 5 - FSt - galvanized
	11	2	Hexagon nut ISO 4032 - M5 - 8 galvanized
	12	1	Scraper 30 liter BS-B
	13	1	Sealing
BSBETA0002 Reservoir 60 liter	1	1	Reservoir 60 liter BS-B, powdered RAL 7004
	2	1	Hexagon nut ISO 10511 - M12 - 8 galvanized
	3	1	Washer ISO 7090 - 12 – 200 HV – A3F
	4	1	Feed screw BS-B
	5	1	Filling valve connecting thread R1"
	6	8	Cheese-head screw DIN 7984 - M6x20 - 8.8 - A3F
	7	8	Packing ring DIN 7603 - A 6x10x1 – Cu (DIN 7603)
	8	1	O-ring DIN 3771 – 210x3,5 – N – NBR 70
	9	2	Cheese-head screw DIN 7984 - M5x20 - 8.8 - A3F
	10	2	Spring ring DIN 7980 - 5 - FSt - galvanized
	11	2	Hexagon nut ISO 4032 - M5 - 8 galvanized
	12	1	Scraper 60 liter BS-B
	13	1	Sealing
BSBETA0003 Reservoir 100 liter	1	1	Reservoir 100 liter BS-B, powdered RAL 7004
	2	1	Hexagon nut ISO 10511 - M12 - 8 galvanized
	3	1	Washer ISO 7090 - 12 – 200 HV – A3F
	4	1	Feed screw BS-B
	5	1	Filling valve connecting thread R1"
	6	8	Cheese-head screw DIN 7984 - M6x20 - 8.8 - A3F
	7	8	Packing ring DIN 7603 - A 6x10x1 – Cu (DIN 7603)
	8	1	O-ring DIN 3771 – 210x3,5 – N – NBR 70
	9	2	Cheese-head screw DIN 7984 - M5x20 - 8.8 - A3F
	10	2	Spring ring DIN 7980 - 5 - FSt - galvanized
	11	2	Hexagon nut ISO 4032 - M5 - 8 galvanized
	12	1	Scraper 100 liter BS-B
	13	1	Sealing

Spare part kit Pump insert (BSBETA0004)

consisting of: Pump flange (bearing, eccentric etc. included) with pressure relief valve and over pressure protection pump element (without pressure gauge)



Spare part kit Pump element (BSBETA0005)



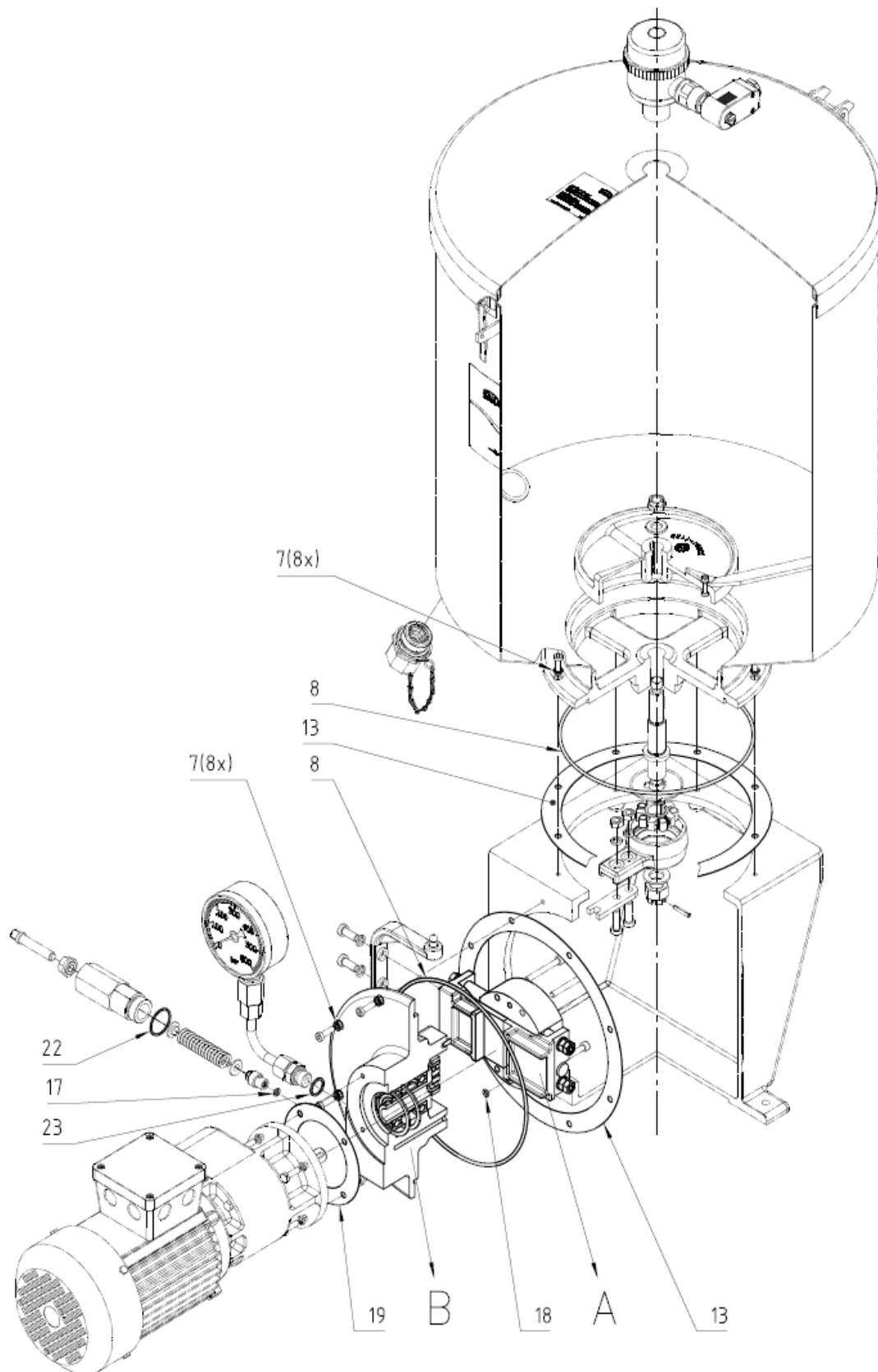
Spare part kit Pump insert

Article code	Item	Qty.	Description
BSBETA0004 Pump insert	14	1	Pump insert BS-B
	6	8	cheese-head screw DIN 7984 - M6x20 - 8.8 - A3F
	7	8	Packing ring 6x10x1 – Cu (DIN 7603)
	8	1	O-ring DIN 3771 – 210x3.5 – N – NBR 70
	13	1	Sealing

Spare part kit Pump element

Article code	Item	Qty.	Description
BSBETA0005 Pump element	15	1	Pump element BS-B

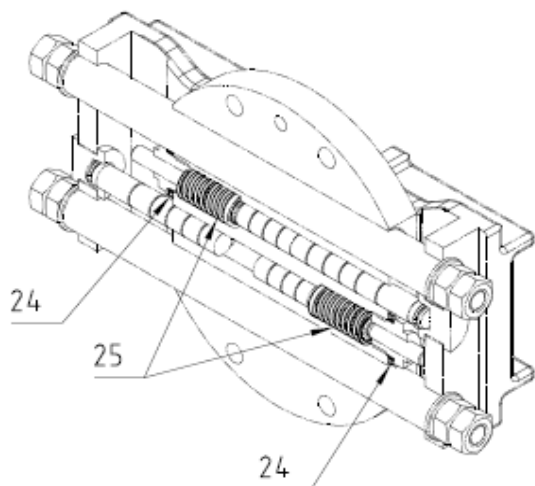
Spare part kit Sealings and misc. small parts (all side) (BSBETA0007)



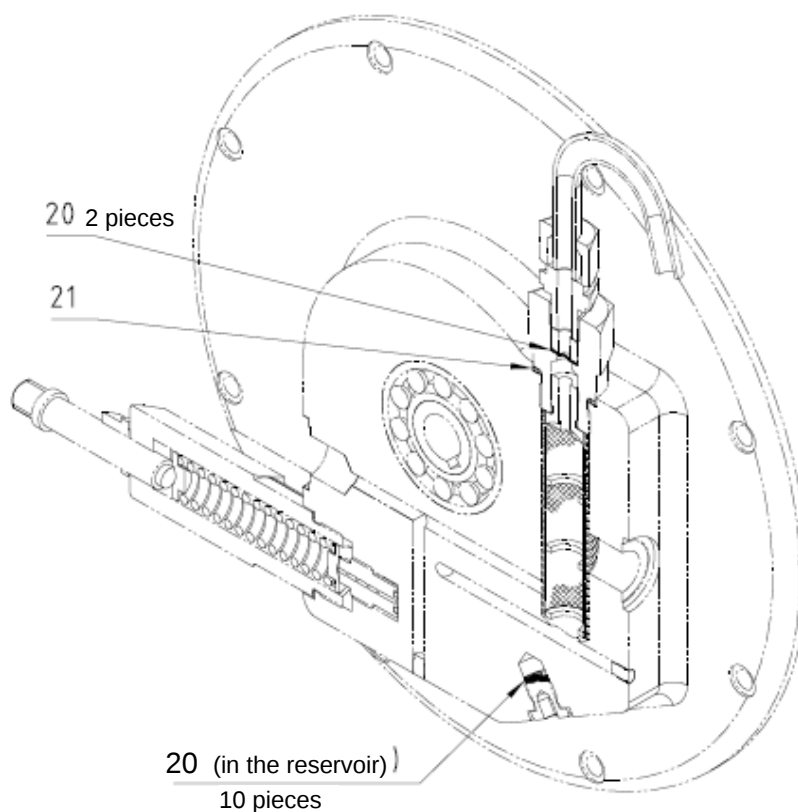
Spare part kit Sealings and misc. small parts (all side)

Article code	Item	Qty.	Description
BSBETA0007 Sealings, burst discs, springs	7	16	Packing ring 6x10x1 – Cu (DIN 7603)
	18	1	O-ring DIN 3771 - 6x2 - N - NBR70
	19	1	Sealing
	8	2	O-ring DIN 3771 - 210x3.5 - N – NBR 70
	20	12	Burst discs
	21	1	Packing ring DIN 7603 - A 22x27 - Cu
	17	1	O-ring DIN 3771 - 5,28x1,78 - N – NBR 90
	22	1	Packing ring 28.5x32x1 – Cu (DIN 7603)
	23	1	Packing ring DIN 7603 - A 17x21 - Cu
	24	2	USIT-ring U 14x18,7x1,5
	25	2	Compression spring 1.1x11x8.243x27.55
	13	2	Sealing

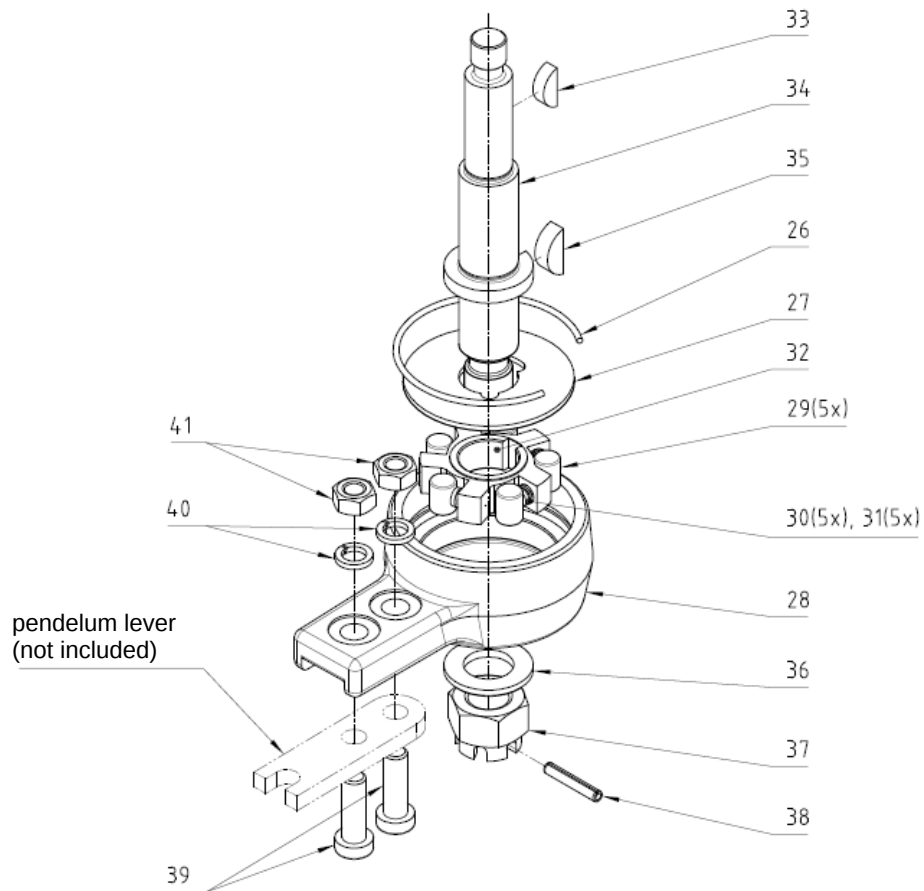
Detail A: Pump element enlarged and cut



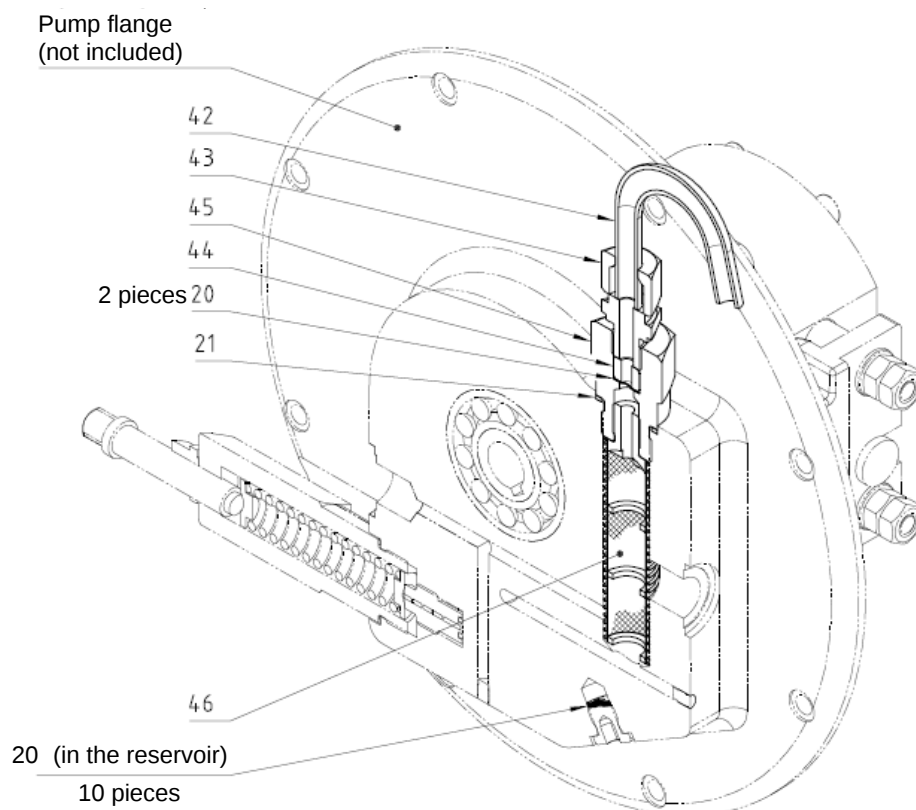
Detail B: Pump insert enlarged and cut



Spare part kit Ratchet housing (BSBETA0008)



Spare part kit Over pressure protection (BSBETA0009)



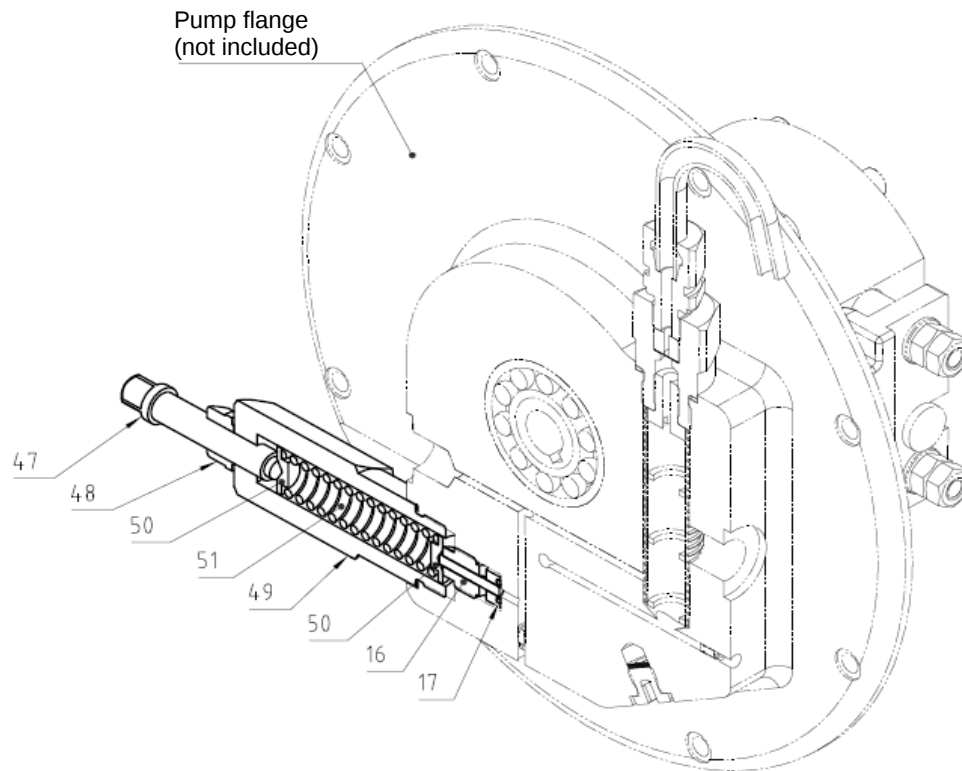
Spare part kit Ratchet housing

Article code	Item	Qty.	Description
BSBETA0008 Ratchet housing	26	1	Circlip
	27	1	Washer
	28	1	Ratchet housing FZ/BS-B
	29	5	Roller D = 9 mm
	30	5	Compression spring 0.63x6.53x8x18
	31	5	Spring cup
	32	1	Free wheel boss
	33	1	Woodruff key DIN 6888 – 5 x 6.5
	34	1	Shaft BS-B
	35	1	Woodruff key DIN 6888 – 6 x 7.5
	36	1	Washer ISO 7090 – 16 – 200 HV – A3F
	37	1	Castle nut DIN 935 – M 16 – 8 – galvanized
	38	1	Split pin ISO 8752 – 4 x 24
	39	2	Cheese-head screw DIN 7984 - M 8 x 25 - 8.8 - A3F
	40	2	Spring washer DIN 7980 – 8 – FSt – galvanized
	41	2	Hexagon nut ISO 4032 – M 8 – 8 galvanized

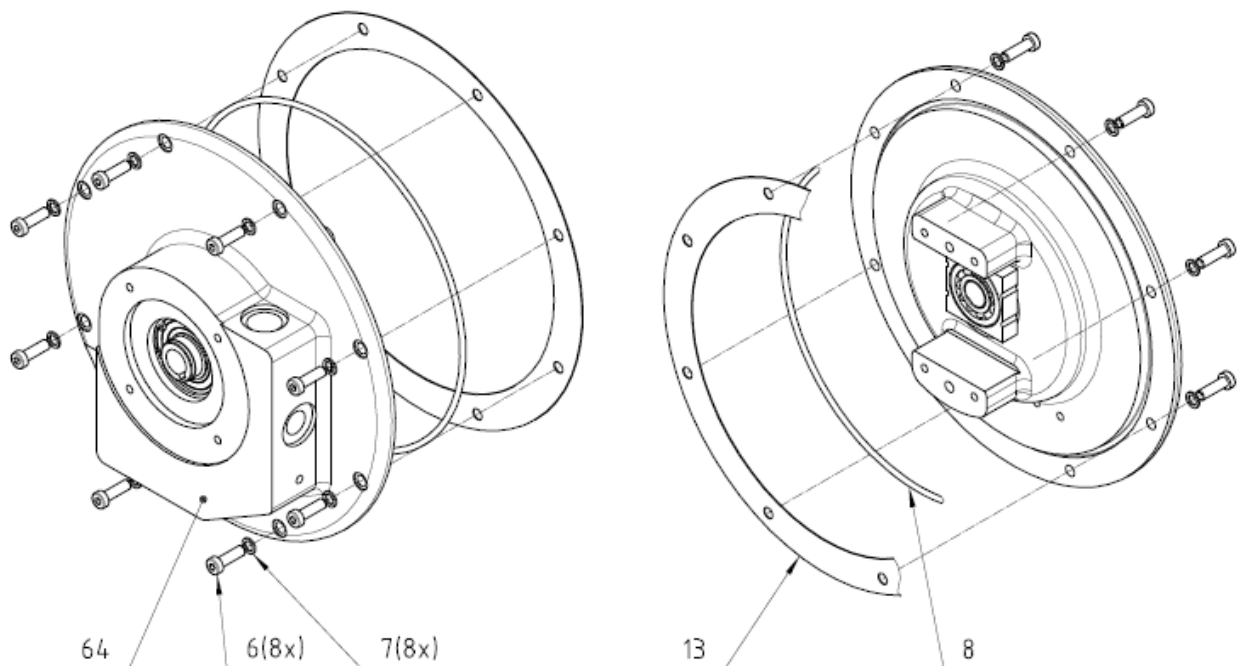
Spare part kit Over pressure protection

Article code	Item	Qty.	Description
BSBETA0009 Over pressure protection	42	1	Pipe
	43	1	Straight male stud fitting GE 10 LR A3C
	44	1	Bush
	20	12	Burst discs
	45	1	Stud BS-B
	21	1	Packing ring DIN 7603 – A 22 x 27 – Cu
	46	1	Strainer

Spare part kit Pressure relief valve (BSBETA0010)



Spare part kit Pump flange (BSBETA0012)



Spare part kit Pressure relief valve

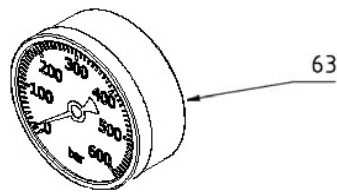
Article code	Item	Qty.	Description
BSBETA0010 Pressure relief valve	47	1	Square screw DIN 480 – M10x50 – 10.9 galvanized
	48	1	Union nut sealing M10 – 8
	49	1	Sleeve
	50	2	Spring cup
	51	1	Compression spring 3.2x17.4x14x68
	22	1	Packing ring 28,5x32x1 – Cu (DIN 7603)
	16	1	Valve set
	17	1	O-ring DIN 3771 – 5.28x1.78 – N – NBR 90

Spare part kit Pump flange

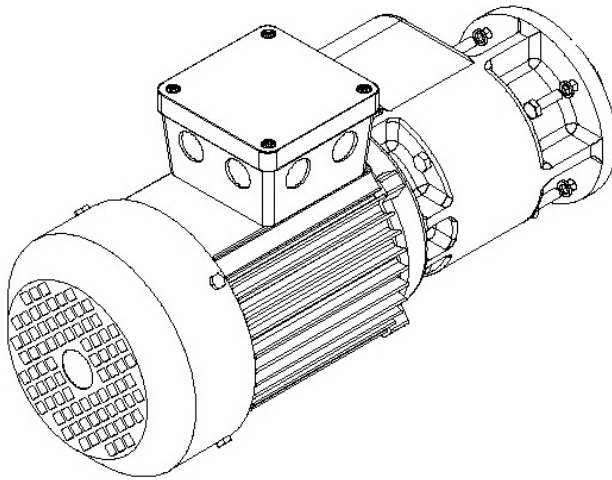
Article code	Item	Qty.	Description
BSBETA0012 Pump flange with eccentric and bearer block	64	1	Mounting kit BS-B flange, for type BSBETA0012
	6	8	Cheese-head screw DIN 7984 – M 6x20 – 8.8 – A3F
	7	8	Packing ring 6x10x1 – Cu (DIN 7606)
	8	1	O-ring DIN 3771 – 210x3,5 – N – NBR 70
	13	1	Sealing

Other spare parts

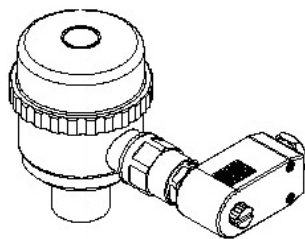
Pressure gauge



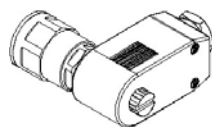
Gear motor



Level switch



Replacement plug



Other spare parts

Article code	Item	Qty.	Description	Article no.
Pressure gauge	63	1	Pressure gauge 0 – 600 bar, diam.=100, G 1/2 below	75111-5294

Article code	Qty.	Description	kW	mm ⁻¹	Article no.
Gear motors	1	230/400 V, 50 Hz	0.75	80	71111-2353
	1	500 V, 50 Hz	0.75	80	71111-2363
	1	230/400 V, 50 Hz	1.5	160	71111-3013
	1	230/400 V, 50 Hz	1.5	250	71111-3113
	1	230/400 V, 50 Hz	0.37	80	71111-2313

Article code	Qty.		Article no.
Ultrasonic level switch	1		76951-6011

Article code	Qty.		Article no.
Replacement plug to ultrasonic level switch	1		76951-6021

TLM approval

Next TLM audit

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