

GODIVA **PRIMA**

Vehicle Mounted Fire Pump P1 and P2 Models

Spares Manual

GP/327
Issue 7, April 2022

Godiva Ltd. policy is one of continuous development.
We therefore reserve the right to amend specifications without notice or obligation.



IDEX
FIRE SUPPRESSION GROUP

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Safety

Thank you for purchasing a Godiva Pump.

Godiva Pumps are designed to give safe and reliable service. BEFORE use, it is essential that the Operating and Installation Instructions are carefully read and understood.

Please read this manual before operating the machinery.

Safety notices -



= non-compliance could affect safety

IMPORTANT

= in case of damage to pump

ATTENTION

= in case of personal hazards

Maintenance

It is the responsibility of the user to ensure that the equipment is maintained in a safe operational condition. Local legislative conditions may apply. UK only, Maintenance (Regulation 5) of the Provision and Use of Work Equipment Regulations 1998 applies.

Training

It is ESSENTIAL that Godiva pumps are operated ONLY by TRAINED PERSONNEL. Please contact Godiva Ltd to discuss your training needs. Follow the operating procedures laid down in this document and avoid personal injury.

Safety Points

The following points apply mainly to pumps driven by petrol, diesel or other means:

- The exhaust system and manifolds become VERY HOT in use, DO NOT TOUCH. Allow the system to cool before maintenance or inspection.
- DO NOT REMOVE the radiator pressure cap if the engine is either hot or running.
- DO NOT OPERATE the unit close to flammable materials or structures.
- ENSURE that exhaust fumes are safely ventilated.
- DO NOT SMOKE while operating the unit.
- DO NOT inhale fumes or gases.
- DO NOT REFUEL unless the engine is stationary and COLD.
- ENSURE that the fuel cap is secure and DO NOT overfill the tank.
- Avoid prolonged skin contact with fluids, particularly if corrosive or carcinogenic.
- When in use, keep ALL UNTRAINED people AWAY from the unit.
- Where appropriate, eye protection should be worn.
- DO NOT run the engine with the alternator or batteries disconnected.
- Disconnect the negative (-ve) battery lead first and reconnect last.
- Isolate the electrical supply when working on the pump.
- Avoid battery spillage (if applicable to the battery type).
- Batteries produce EXPLOSIVE GASES, do not expose to sources of heat and naked flames.
- DO NOT lift heavy weights without assistance.
- DO NOT remove protective guards or shields.

Safety

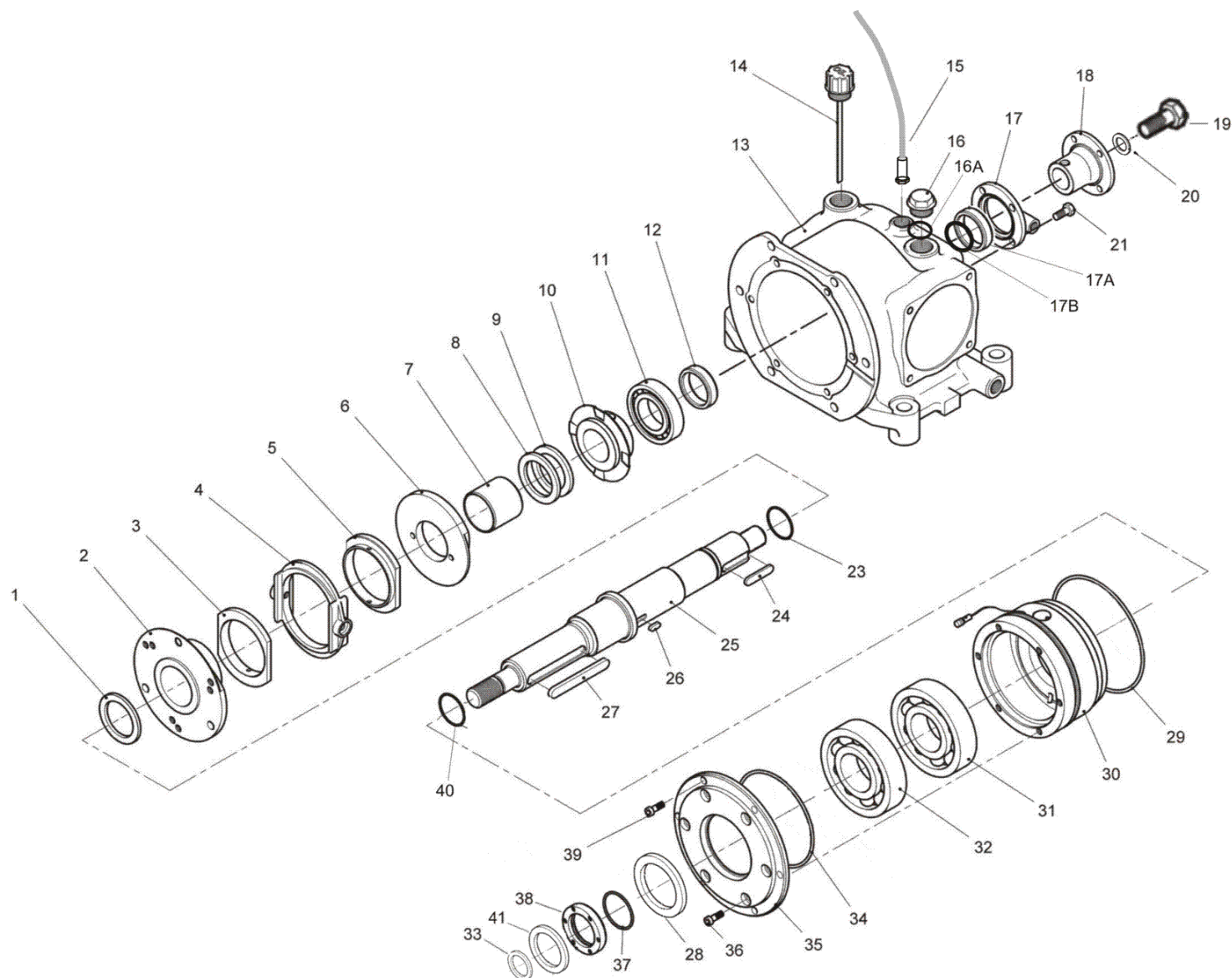
Noise

Operators must wear suitable EAR PROTECTION when the pump is running.

Environmental Protection

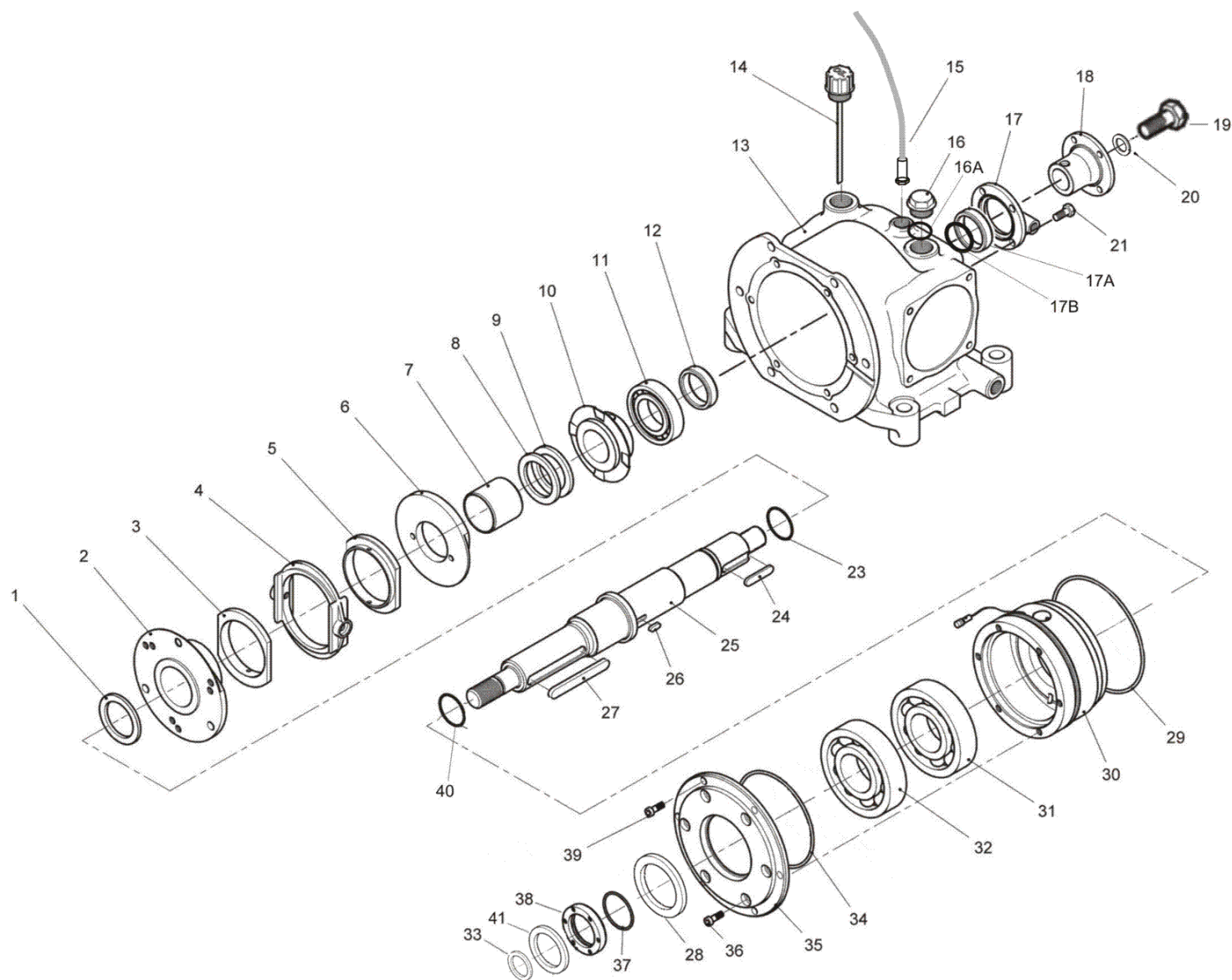
It is prohibited to pour engine oil and other contaminants onto the ground, down sewers, drains, or into water courses. Dispose of lubricants through authorised waste disposal contractors, licensed waste disposal sites, or to the waste reclamation trade. If in doubt, contact your Local Environmental Agency for advice regarding disposal policies.

Bearing Housing - P1 and P2



Bearing Housing - P1 and P2					
Item	Description	Quantity	Aluminium	Gunmetal	Notes
1	Shim pack – see separate table, p10	-	65166 series	65166 series	
2	Eccentric drive	1	65021/005	65021/005	
3	Slider bush	1	65121/001	65121/001	
4	Yoke	1	65012/302	65012/302	
5	Slider bush	1	65121/001	65121/001	
6	Balance weight	1	65022/003	65022/003	
7	DU Bearing	1	56949/008	56949/008	
8	Shim pack – see separate table, p10	-	65166 series	65166 series	
9	Shim pack – see separate table, p10	-	65166 series	65166 series	
10	Spacer/flinger assembly	1	65025/003	65025/003	
11	Bearing roller	1	60007	60007	
12	Wear ring, oil seal	1	60008	60008	
13	Bearing housing	1	65000/300	65000/300	
14	Oil filler / level unit	1	65098	65098	
15	Tachometer sender unit	1	60015/001	60015/001	
16	Plug ¾ in BSP	1	S64/6	S64/6	
16A	Bonded seal ¾ in, for item 16	1	UFP2303/10	UFP2303/10	
17	Seal housing	1	65094	65094	
17A	Oil seal, for item 17	1	50682/02	50682/02	
17B	O ring, for item 17	1	65130	65130	
18	Drive flange – see p10	1	See options table	See options table	
19	Screw, hex head	1	MS07/35	MS07/35	
20	Clamp washer	1	60072/04	60072/04	
21	Screw, socket head	4	MS166/25	MS166/25	
23	O ring	1	53384/01	53384/01	
24	Key, drive flange to shaft	1	017-0300-02-0	017-0300-02-0	

Bearing Housing - P1 and P2



Bearing Housing - P1 and P2					
Item	Description	Quantity	Aluminium	Gunmetal	Notes
25	Drive shaft, P2 twin pressure	1	65028	65028	
-	Drive shaft, P2 twin pressure, with Gearbox	1	65028/002	65028/002	
-	Drive shaft, P1 single pressure	1	65028/001	65028/001	
-	Drive shaft, P2 single pressure, with Gearbox	1	65028/003	65028/003	
26	Key, clutch to shaft	1	MS79/44	MS79/44	
27	Key, impeller to shaft	1	MS180/31	MS180/31	
28	Oil seal	1	60012	60012	
29	O ring	1	53526	53526	
30	Electro-magnetic clutch	1	65017/004	65017/004	
31	Bearing	1	60002	60002	
32	Bearing	1	60002	60002	
33	Shim pack – see separate table, p10	-	60095 series	60095 series	
34	O ring	1	65171	65171	
35	Seal housing	1	65019/001	65019/001	
36	Screw, socket head	6	MS164/20	MS164/20	
37	O ring	1	51355	51355	
38	Seal wear ring	1	60141	60141	
39	Screw, socket head	6	MS164/20	MS164/20	
40	O ring	1	57044	57044	
41	Flinger	1	60014	60014	

Bearing Housing - Shim Details

Items 8,9 - Select pair of shim spacers to give minimum clearance for free rotation

Item 1 - Select shim spacer to give 0.24 / 0.40 air gap on clutch

Shim Spacer Combination								Alternative combination						Alternative combination		
	4.0	4.1	4.2	4.3	4.4	4.5	5.1		4.1	4.2	4.3	4.4	4.5		4.2	4.3
Part	65166	65166/001	65166/002	65166/003	65166/005	65166/005	65166/006	Part	65166/001	65166/002	65166/003	65166/005	65166/005	Part	65166/002	65166/003
Colour	Black	White	Red	Blue	Green	Yellow	Orange	Colour	White	Red	Blue	Green	Yellow	Colour	Red	Blue
Total																
8.0	Qty 2															
8.1	Qty 1	Qty 1														
8.2	Qty 1		Qty 1						8.2	Qty 2						
8.3	Qty 1			Qty 1					8.3	Qty 1	Qty 1					
8.4	Qty 1				Qty 1				8.4	Qty 1		Qty 1		8.4	Qty 2	
8.5	Qty 1					Qty 1			8.5	Qty 1			Qty 1	8.5	Qty 1	Qty 1
8.6				Qty 2					8.6	Qty 1				Qty 1		
8.7				Qty 1	Qty 1				8.7		Qty 1			Qty 1		
8.8				Qty 1		Qty 1			8.8				Qty 2			
8.9					Qty 1	Qty 1										
9.0						Qty 2										
9.1	Qty 1						Qty 1									
9.2		Qty 1					Qty 1									
9.3			Qty 1				Qty 1									
9.4				Qty 1			Qty 1									
9.5					Qty 1		Qty 1									
9.6						Qty 1	Qty 1									

Item 33 - Shim Pack Details

	0.002"	0.005"	0.010"	0.015"
PACK THICKNESS	PART No 60095/01	PART No 60095/02	PART NoP 60095/03	ART No 60095/04
0.002"	QTY 1			
0.004"	QTY 2			
0.005"		QTY 1		
0.006"	QTY 3			
0.007"	QTY 1	QTY 1		
0.008"	QTY 4			
0.009"	QTY 2	QTY 1		
0.010"			QTY 1	
0.011"	QTY 3	QTY 1		
0.012"	QTY 1		QTY 1	
0.013"	QTY 4	QTY 1		
0.014"	QTY 2		QTY 1	
0.015"				QTY 1
0.016"	QTY 3		QTY 1	
0.017"	QTY 1	QTY 1	QTY 1	
0.018"	QTY 4		QTY 1	
0.019"	QTY 2			QTY 1
0.020"			QTY 2	
0.021"	QTY 3			QTY 1
0.022"	QTY 1		QTY 2	
0.023"	QTY 4			QTY 1
0.024"	QTY 2		QTY 2	
0.025"			QTY 1	QTY 1
0.026"	QTY 3		QTY 2	
0.027"	QTY 1	QTY 1	QTY 2	
0.028"	QTY 4		QTY 2	
0.029"	QTY 2		QTY 1	QTY 1
0.030"				QTY 2

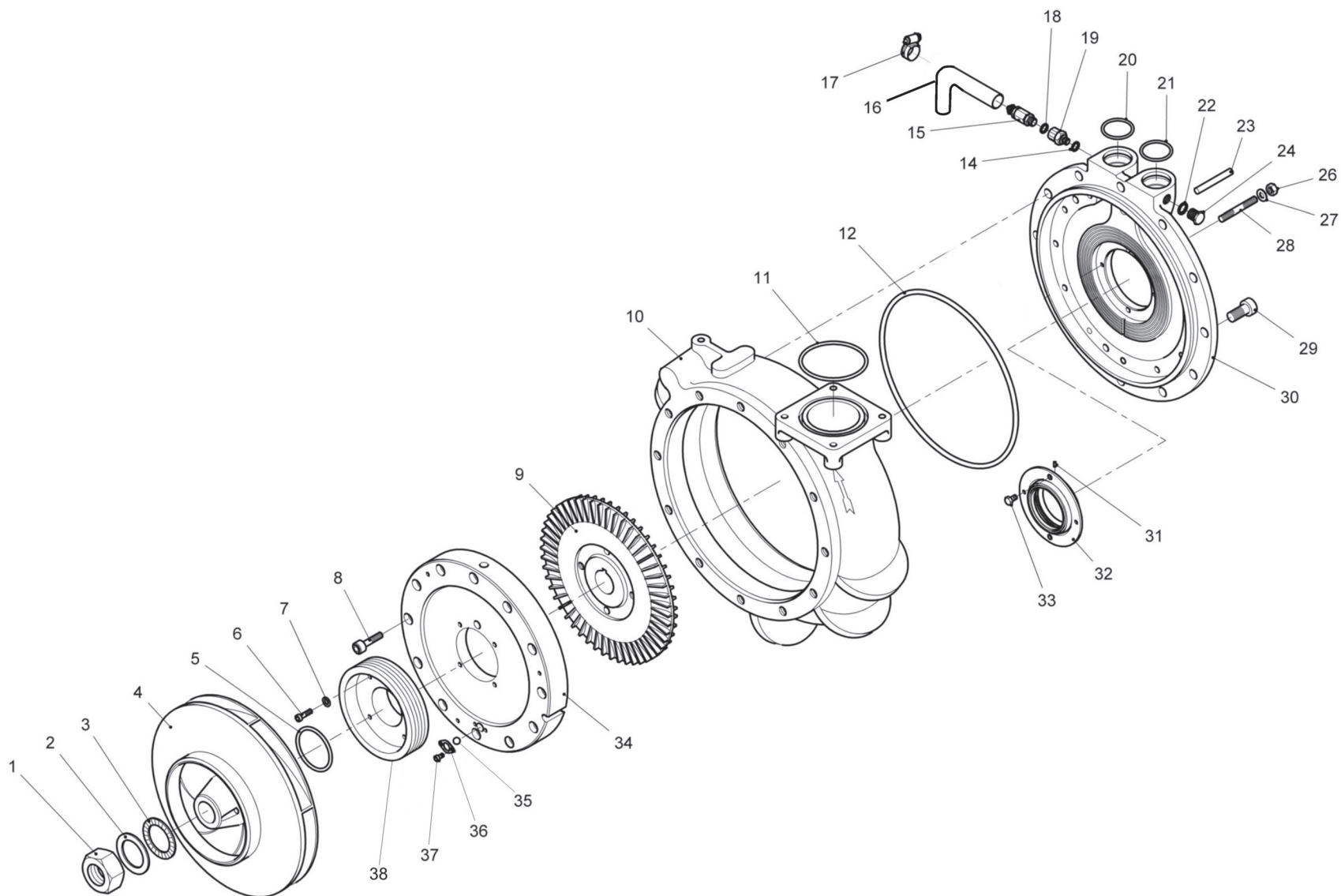
Item 18 Drive Flange Options – for pumps without gearbox

Type	Pump with Piston Primer	Pump with Water Ring Primer
SAE 1410	65693	65694
SAE 1510	65693/001	65694/001
DIN 100	65693/002	65694/002
DIN 120/8	65693/003	65694/003
1600	65693/004	65694/004
1700	65693/005	65694/005
1800	65693/006	65694/006

For pumps with gearbox fitted please contact Godiva, quoting pump model and serial number

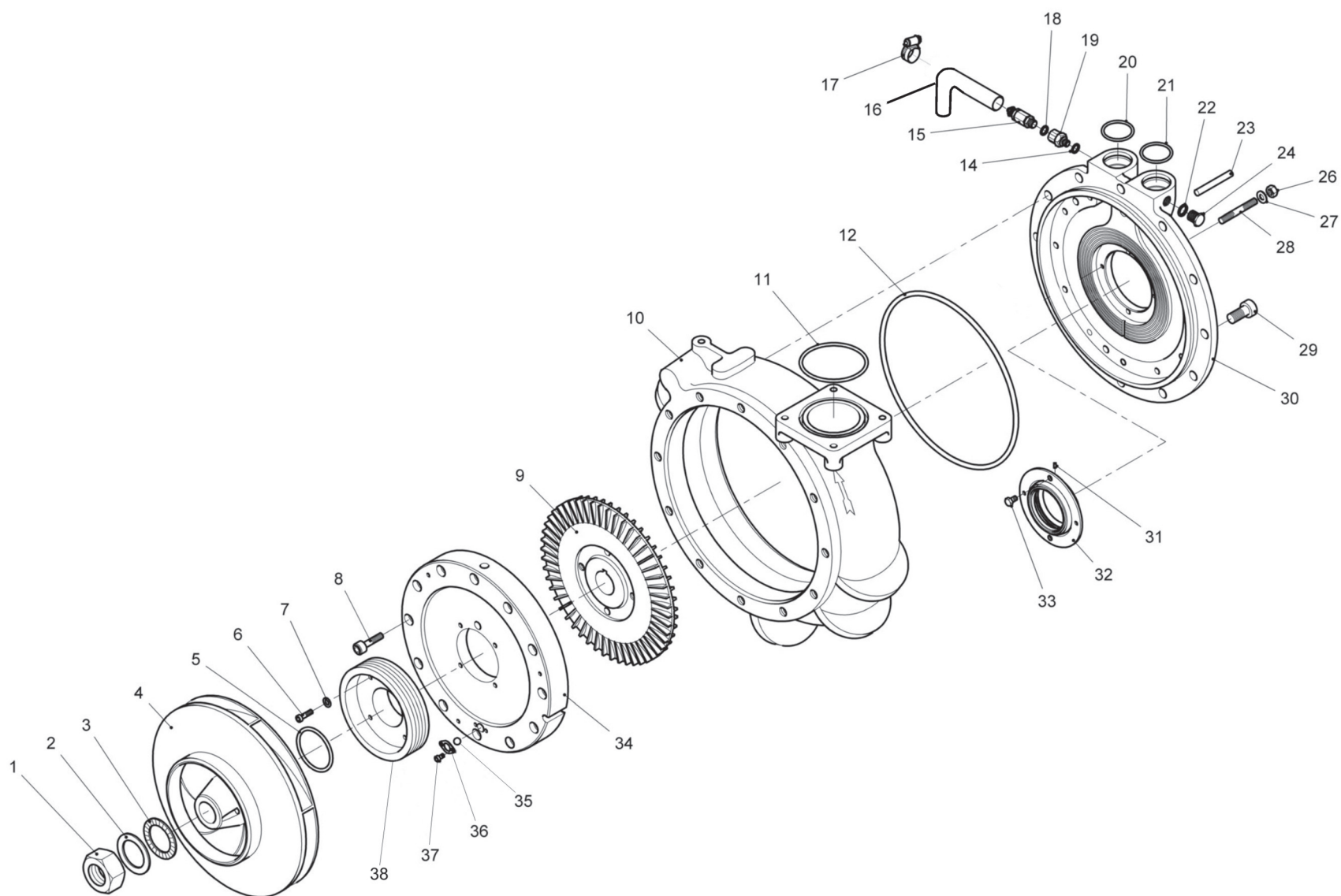
Bearing Housing - P1 and P2					
Item	Description	Quantity	Aluminium	Gunmetal	Notes
	SP047 - Gland Repair Kit (also referred to as mechanical seal kit)				Item number on illustration
32	Mechanical seal assembly	1	65131	65131	32, from page 12
2,3	Lock washer pair	1	60072/06	60072/06	2,3, from page 12, 2 from page 16
40	O ring	1	57044	57044	40 from page 9
5	O ring	1	57204	57204	5 from page 12, 4 from page 16
12	O ring	1	65097	65097	12 from page 12, 18 from page 16

Pump head group - P2

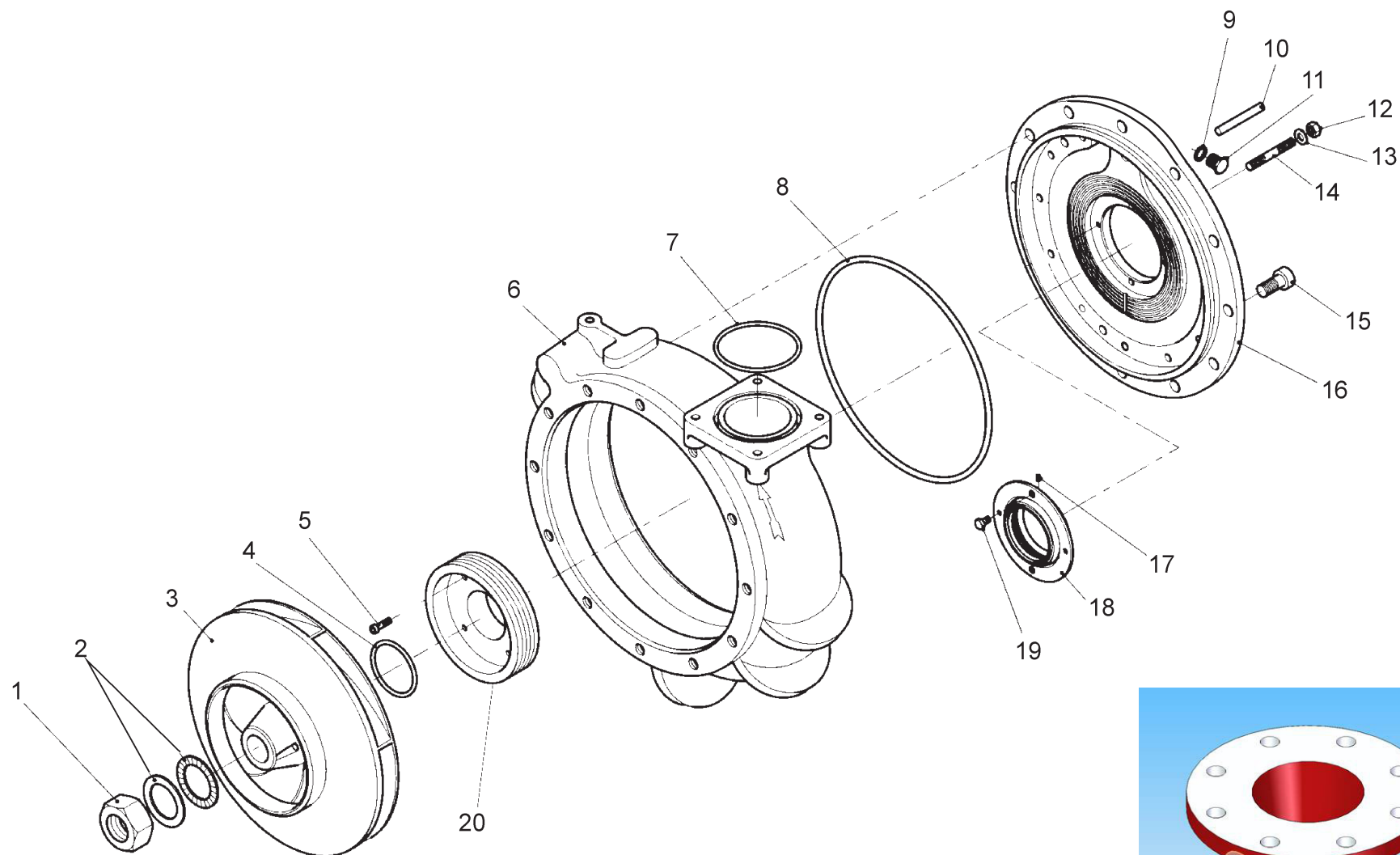


Pump head group - P2					
Item	Description	Quantity	Aluminium	Gunmetal	Notes
1	Nut, impeller to shaft	1	65181	65181	
2	Lock washer, pair	1	60072/06	60072/06	
3	Part of item 2				
4	Impeller, low pressure, RH outlet	1	60028	60028/100	2010/3010 model
-	"	1	60196	60196/100	4010 model
-	"	1	60841	60841/100	6010 model
-	Impeller, low pressure, LH outlet	1	60304	60304/100	2010/3010 model
-	"	1	60319	60319/100	4010 model
-	"	1	60843	60843/100	6010 model
5	O ring	1	57204	57204	
6	Screw	4	65405	65405	
7	Washer	4	MS126/9	MS126/9	
8	Screw	12	MS165/35	MS165/35	
9	Impeller, high pressure	1	65120	65120	All models
10	Volute body	1	65095/000	65095/100	2010/3010 model
-	"	1	65096/000	65096/100	4010/6010 model
11	O ring, between volute and manifold	1	THM11034	THM11034	2010/3010 model
-	"	1	52649	52649	4010/6010 model
12	O ring, between pump body and volute	1	65097	65097	
13	Not used				
14	Seal	1	UFP2303/5	UFP2303/5	
15	Relief valve	1	60388	60388	65414 - Relief valve kit
16	Rubber elbow	1	65661	65661	Contains items 14-19
17	Clip	1	MS82/3	MS82/3	

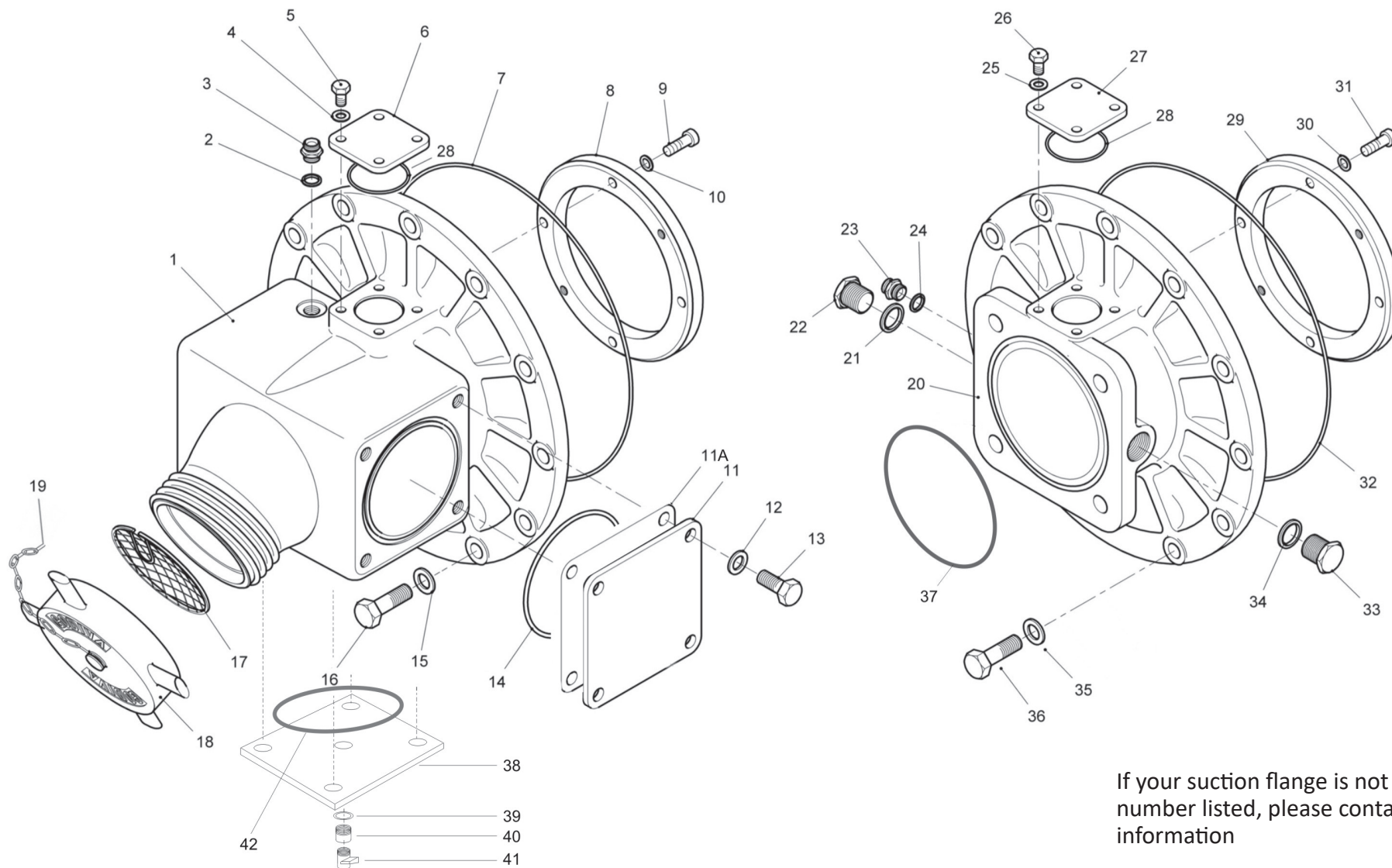
Pump head group - P2



Pump head group - P2					
Item	Description	Quantity	Aluminium	Gunmetal	Notes
18	Seal	1	UFP2303/7	UFP2303/7	
19	Adaptor	1	65413	65413	
20	O ring	2	65137	65137	
21	O ring	2	65137	65137	
22	Seal	1	UFP2303/5	UFP2303/5	
23	Stud, priming valve to pump head	2	MS47/85	MS47/85	
24	Plug	1	S64/2	S64/2	
25	Not used				
26	Nut, pump head to bearing housing	6	MS35/9	MS35/9	
27	Spring washer, pump head to bearing housing	6	MS29/7	MS29/7	
28	Stud, pump head to bearing housing	6	MS49/30	MS49/30	
29	Screw, volute of pump head	12	MS166/30	MS166/30	
30	Pump head	1	65070/200	65070/200	
31	Seal, for item 32	2	MS133/6	MS133/6	
32	Mechanical seal assembly	1	65131	65131	Also order item 31
33	Screw, for item 32	2	MS104/10	MS104/10	
34	Cover plate, high pressure	1	65040	65040	
35	Ball	1	65003	65003	
36	Drain plate	1	65002	65002	
37	Screw	2	MS163/10	MS163/10	
38	Wear ring, LP impeller rear	1	65004	65004	2010/3010 model
-	"	1	65004/001	65004/001	4010 model
-	"	1	65004/002	65004/002	6010 model



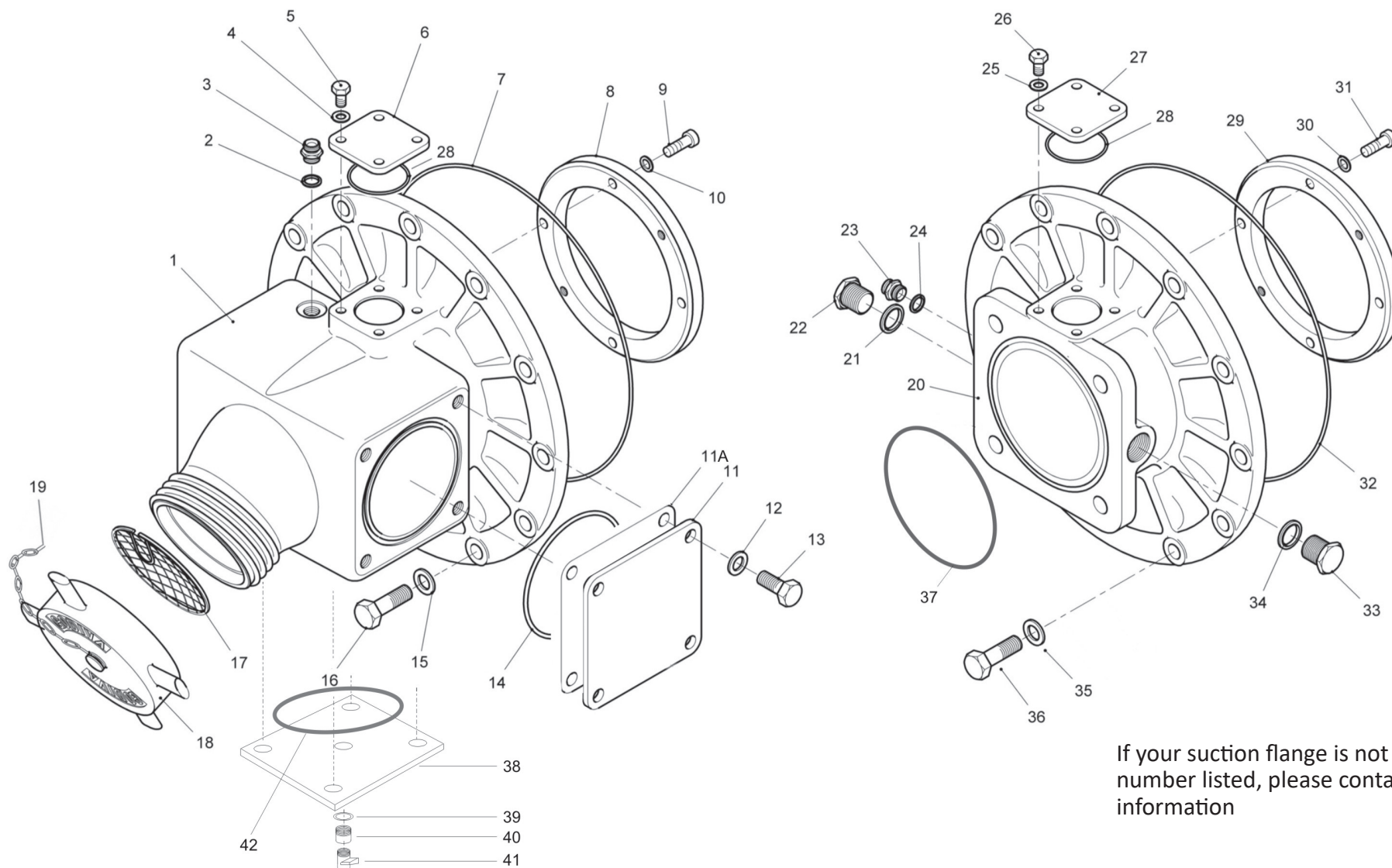
Pump head group - P1					
Item	Description	Quantity	Aluminium	Gunmetal	Notes
1	Nut, impeller to shaft	1	65181	65181	
2	Lock washer, pair	1	60072/06	60072/06	
3	Impeller, low pressure, RH outlet	1	60230	60230/100	2010/3010 model
-	"	1	60342	60342/100	4010 model
-	"	1	60842	60842/100	6010 model
-	Impeller, low pressure, LH outlet	1	60306	60306/100	2010/3010 model
-	"	1	60371	60371/100	4010 model
-	"	1	60848	60848/100	6010 model
4	O ring	1	57204	57204	
5	Screw, rear wear ring to pump head	6	MS163/25	MS163/25	
6	Volute body	1	65095/000	65095/100	2010/3010 model
-	"	1	65096/000	65096/100	4010/6010 model
7	O ring, between volute and manifold	1	THM11034	THM11034	2010/3010 model
-	"	1	52649	52649	4010/6010 model
8	O ring, between pump body and volute	1	65097	65097	
9	Seal	1	UFP2303/5	UFP2303/5	
10	Stud, priming valve to pump head	2	MS47/85	MS47/85	
11	Plug	1	S64/2	S64/2	
12	Nut, pump head to bearing housing	6	MS35/9	MS35/9	
13	Spring washer, pump head to bearing housing	6	MS29/7	MS29/7	
14	Stud, pump head to bearing housing	6	MS49/30	MS49/30	
15	Screw, volute to pump head	12	MS166/30	MS166/30	
16	Pump head	1	65092/200	65092/200	
17	Seal, for item 18	2	MS133/6	MS133/6	
18	Mechanical seal assembly	1	65131	65131	Also order item 17
19	Screw, for item 18	2	MS104/10	MS104/10	
20	Wear ring, LP impeller rear	1	65078/003	65078/003	2010/3010 model
-	"	1	65078/004	65078/004	4010 model
-	"	1	65078/005	65078/005	6010 model
21	Trumpet outlet, 3inch PN16, 2010 - used with volute 65095/001 AL, 65095/101 GM	1	65596/000	65596/100	2010 model
-	Trumpet outlet, 4inch PN16, 3010 - used with volute 65095/001 AL, 65095/101 GM	1	65612/000	65612/100	3010 model
	Trumpet outlet, 5inch PN16, 4010/6010 - used with volute 65096/001 AL, 65096/101 GM	1	65597/000	65597/100	4010/6010 model



If your suction flange is not illustrated or number listed, please contact Godiva for information

Suction tube group - P1 and P2 - 2010

Item	Description	Quantity	Aluminium	Gunmetal	Notes
1	Suction tube, 2010, 25° angle, 4" R.T.	1	65074/000	65074/100	
-	Suction tube, 2010, 0° angle, 4" R.T.	1	65246/000	65246/100	
-	Suction tube, 2010, 25° angle, 4" BSP	1	65074/001	65047/101	
-	Suction tube, 2010, 0° angle, 4" BSP	1	65246/101	65246/101	
2	Seal	1	UFP2303/5	UFP2303/5	
3	Union, for gauge connection	1	56403	56403	
4	Washer	4	MS25/9	MS25/9	
5	Screw	4	MS05/20	MS05/20	
6	Plate, RTP blanking	1	60168	60168	
7	O ring, suction tube to volute	1	65097	65097	
8	Wear ring, front	1	65078	65078	
9	Screw, socket head	6	MS164/25	MS164/25	
10	Washer	6	MS125/9	MS125/9	
11	Blanking plate	1	65189	65189	
11A	Shim, Blanking plate	1	65483	65483	
12	Washer, blanking plates, side and bottom location	8	MS25/11	MS25/11	
13	Screw, blanking plates, side and bottom location	8	MS07/30	MS07/30	
14	O ring, blanking plate	3	65406	65406	
15	Washer	12	MS25/11	MS25/11	
16	Bolt	12	MS19/45	MS19/45	
17	Strainer	1	52125/01	52125/01	
18	Cap, suction tube	1	FWP2004	UFP7362	
19	Chain	1	FWP1062/1	FWP1062/1	
-	Chain anchor	1	65502	65502	
20	Suction flange, 175 DIN Sq	1	65073/000	65073/100	2010, 3010 model
21	Seal	1	UFP2303/8	UFP2303/8	

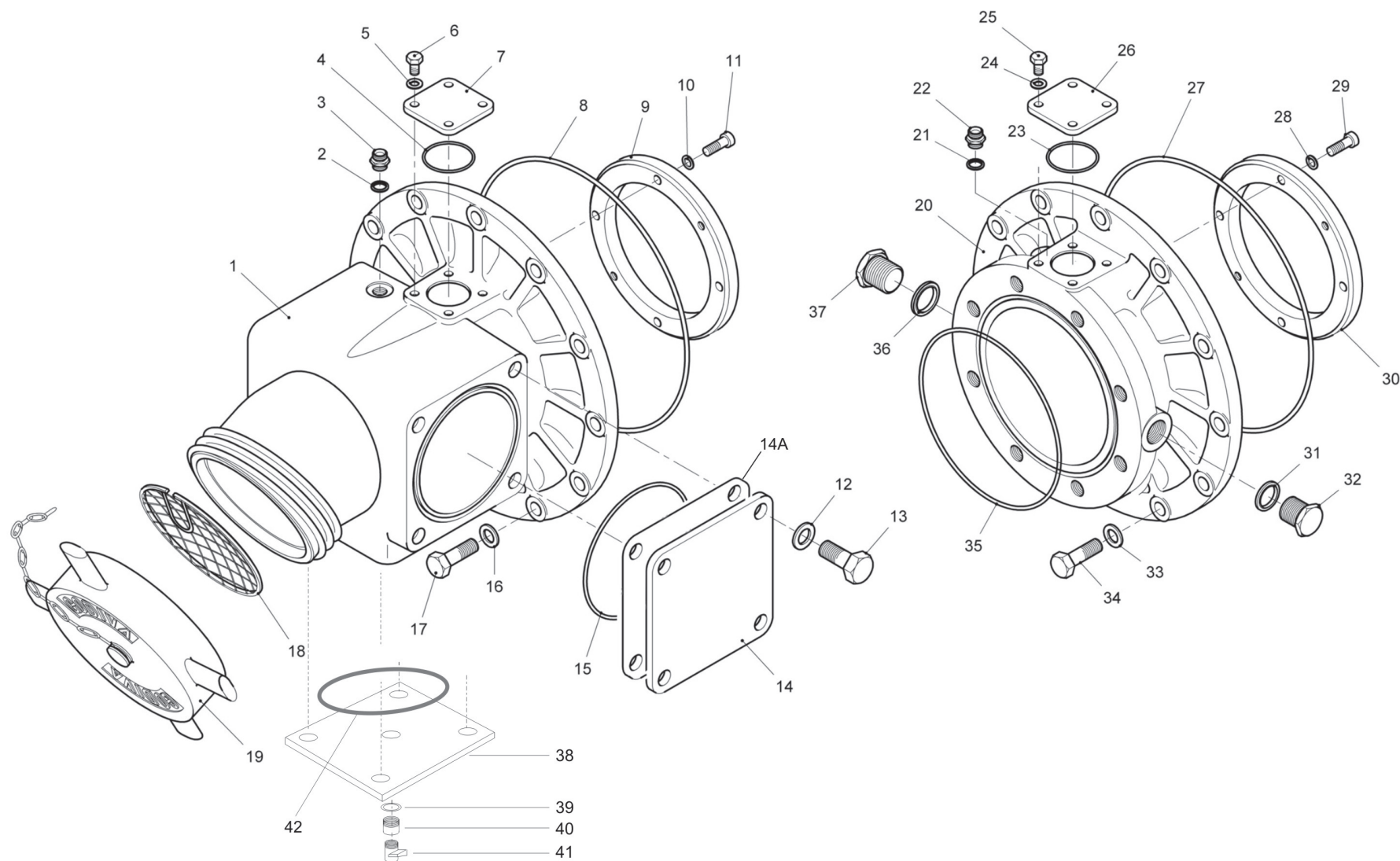


If your suction flange is not illustrated or number listed, please contact Godiva for information

Suction tube group - P1 and P2 - 2010

Item	Description	Quantity	Aluminium	Gunmetal	Notes
22	Plug	1	S64/4	S64/4	
23	Union	1	56403	56403	
24	Seal	1	UFP2303/5	UFP2303/5	
25	Washer	4	MS25/9	MS25/9	
26	Screw	4	MS05/20	MS05/20	
27	Plate, RTP blanking	1	60168	60168	
28	O ring	1	51355	51355	
29	Front wear ring	1	65078	65078	
30	Washer	4	MS125/9	MS125/9	
31	Screw	4	MS164/25	MS164/25	
32	O ring	1	65097	65097	
33	Plug	1	S64/6	S64/6	
34	Seal	1	UFP2303/10	UFP2303/10	
35	Washer	12	MS25/11	MS25/11	
36	Bolt	12	MS19/45	MS19/45	
37	O ring, suction tube flange	1	GPL10564	GPL10564	
38	Blanking plate, bottom, with drain	1	65189/002	65189/002	
39	Seal	1	UFP2303/8	UFP2303/8	
40	Adaptor	1	65503/001	65503/001	
41	Drain valve	1	65214/001	65214/001	
42	O ring	1	65406	65406	

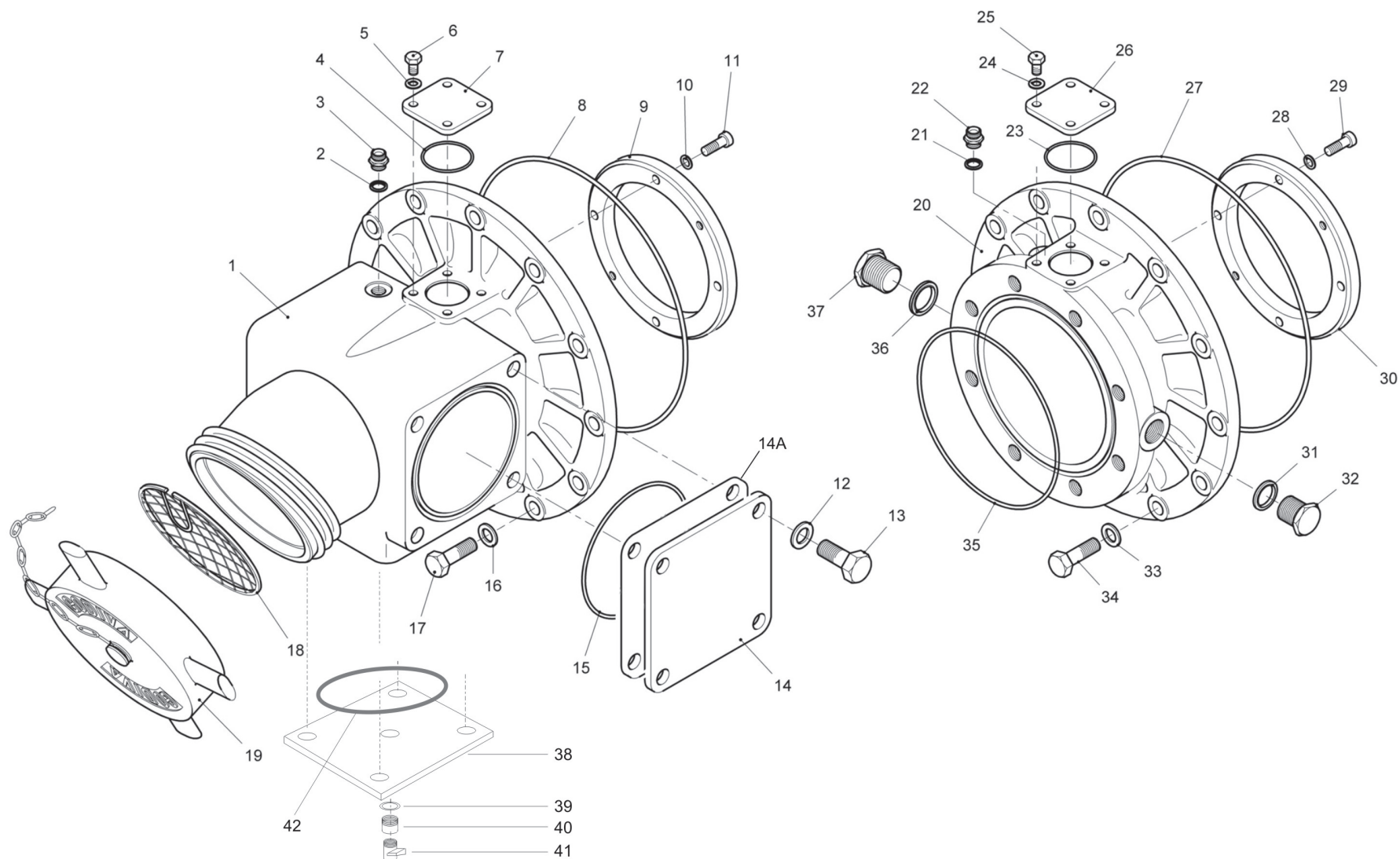
Suction tube group - P1 and P2 - 3010, 4010, 6010



Suction tube group - P1 and P2 - 3010, 4010, 6010

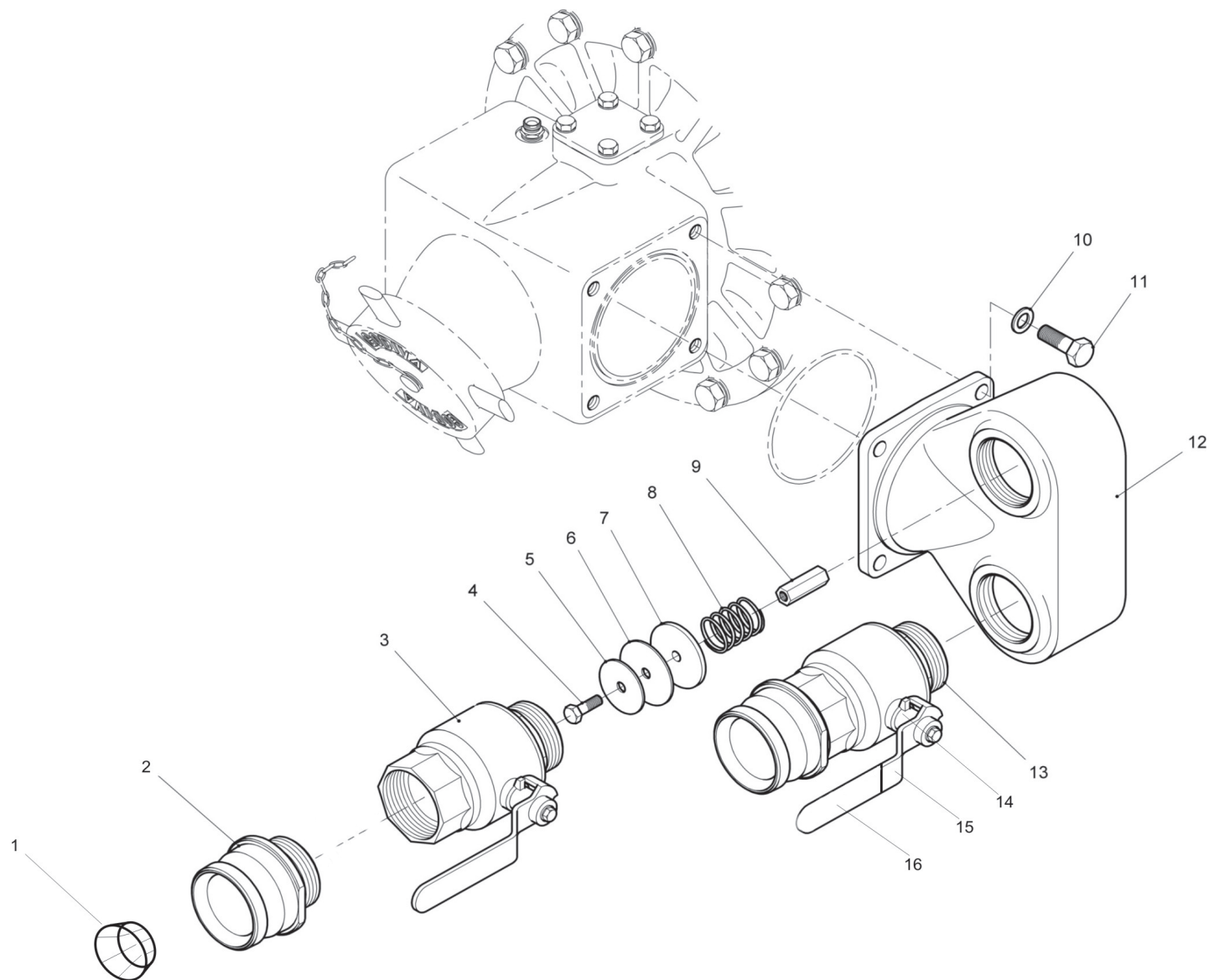
Item	Description	Quantity	Aluminium	Gunmetal	Notes
1	Suction tube, 3010, 25° angle, 5½ R.T.	1	65075/000	65075/100	3010 model
-	Suction tube, 3010, 0° angle, 5½ R.T.	1	65438/001	65438/101	3010 model
-	Suction tube, 3010, 25° angle, 5½ " BSP	1	65075/001	65075/101	3010 model
-	Suction tube, 3010, 0° angle, 5½ " BSP	1	65438/000	65438/001	3010 model
-	Suction tube, 4010, 25° angle, 5½ R.T.	1	65076/000	65076/100	4010 model
-	Suction tube, 4010, 0° angle, 5½ R.T.	1	65439/001	65439/101	4010 model
-	Suction tube, 4010, 25° angle, 5½ " BSP	1	65076/001	65076/101	4010 model
-	Suction tube, 4010, 0° angle, 5½ " BSP	1	65439/000	65439/101	4010 model
2	Seal	1	UFP2303/5	UFP2303/5	
3	Union, for gauge connection	1	56403	56403	
4	O ring	1	51355	51355	
5	Washer	4	MS25/9	MS25/9	
6	Screw	4	MS05/20	MS05/20	
7	Plate, RTP blanking	1	60168	60168	
8	O ring, suction tube to volute	1	65097	65097	
9	Wear ring, front, 3010	1	65078	65078	
-	Wear ring, front, 4010	1	65078/001	65078/001	
10	Washer	6	MS125/9	MS125/9	
11	Screw, socket head	6	MS164/25	MS164/25	
12	Washer	8	MS25/13	MS25/13	
13	Screw	8	MS20/45	MS20/45	
14	Blanking plate	1	65189/001	65189/001	
14A	Shim	1	65483/001	65483/001	
15	O ring	3	65406/001	65406/001	
16	Washer	12	MS25/11	MS25/11	
17	Bolt	12	MS19/45	MS19/45	

Suction tube group - P1 and P2 - 3010, 4010, 6010



Suction tube group - P1 and P2 - 3010, 4010, 6010

Item	Description	Quantity	Aluminium	Gunmetal	Notes
18	Strainer 5½"	1	52125/02	52125/02	
19	Suction cap 5½"	1	2112	2112/1	
-	Chain, suction tube cap	1	FWP1062/1	FWP1062/1	
-	Chain anchor	1	65502/001	65502/001	
20	Suction flange, 3010, DN175	1	65073/000	65073/100	3010 Model
-	Suction flange, 4010, PN16, DN125, to suit 6" line	1	65163/000	65163/100	4010 Model
-	Suction flange, 6010, 8" PN16	1	65617/000	65617/100	6010 Model
21	Seal	1	UFP2303/5	UFP2303/5	
22	Union, ¼" BSP	1	56403	56403	
23	O ring	1	51355	51355	
24	Washer	4	MS25/9	MS25/9	
25	Screw	4	MS05/20	MS05/20	
26	Plate, RTP blanking	1	60168	60168	
27	O ring, suction tube to volute	1	65097	65097	
28	Washer	4	MS125/9	MS125/9	
29	Screw, socket head	4	MS164/25	MS164/25	
30	Wear ring, front, 4010	1	65078/001	65078/001	
-	Wear ring, front, 6010	1	65078/002	65078/002	
31	Seal	1	UFP2303/10	UFP2303/10	
32	Plug	1	S64/6	S64/6	
33	Washer	12	MS25/11	MS25/11	
34	Bolt	12	MS19/45	MS19/45	
35	O ring	1	51177	51177	4010 Model
-	O ring	1	51863	51863	6010 Model
36	Seal	1	UFP2303/8	UFP2303/8	
37	Plug	1	S64/4	S64/4	
38	Blanking plate, bottom, with drain	1	65189/003	65189/003	
39	Seal	1	UFP2303/8	UFP2303/8	
40	Adaptor	1	65503/001	65503/001	
41	Drain valve	1	65214/001	65214/001	
42	O ring	1	65406/001	65406/001	



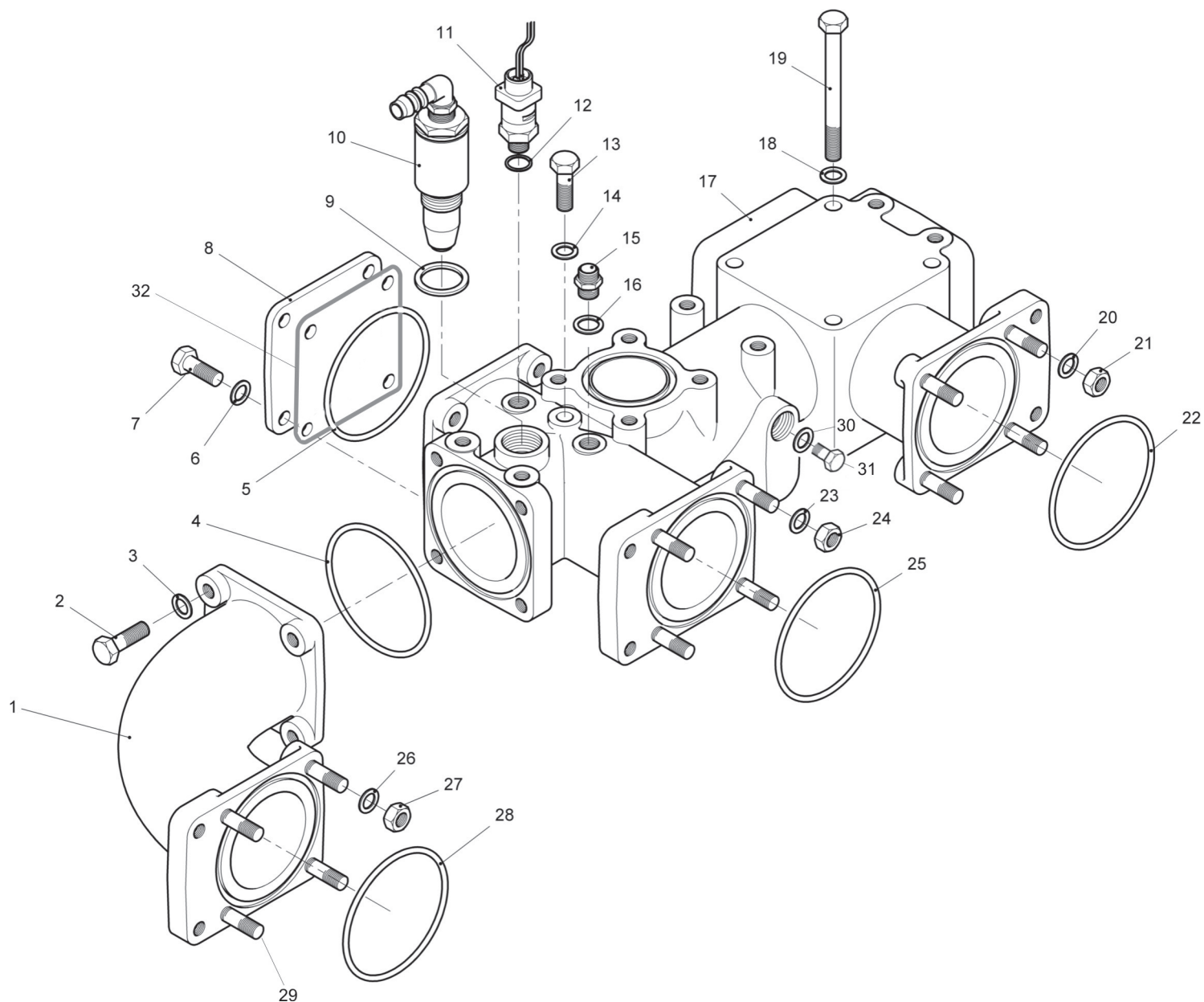
Collecting head - P1 and P2

Item	Description	Quantity	Aluminium	Gunmetal	Notes
1	Strainer	2	65408	65408	
2	Adaptor, 2" BSP to 2½" I/C	2	65156	65156/100	
3	Ball valve	1	65155	65155	
4	Screw	2	MS105/25	MS105/25	
5	Washer	2	65154	65154	
6	Seal face	2	65153	65153	
7	Washer, spring locating	2	65152	65152	
8	Spring	2	65256	65256	
9	Shaft	2	65151	65151	
10	Washer	4	MS25/11	MS25/11	
11	Screw	4	MS07/35	MS07/35	
12	Body, collecting head – 2010 pump	1	65148/000	65148/100	
-	Body, collecting head – 3010/4010 pump	1	65148/001	65148/001	
13	Ball valve	1	65155	65155	
14	Spacer	1	65485	65485	
15	Handle – Left Hand, Underside assembly	1	65411	65411	
-	Handle – Right Hand assembly	1	65411/001	65411/001	
16	Sleeve – Left Hand assembly	1	65550/006	65550/006	
-	Sleeve – Right hand assembly	1	65550/005	65550/005	
-	Sleeve – Underside assembly	1	65550/002	65550/002	

Collecting head - Complete Assembly - P1 and P2

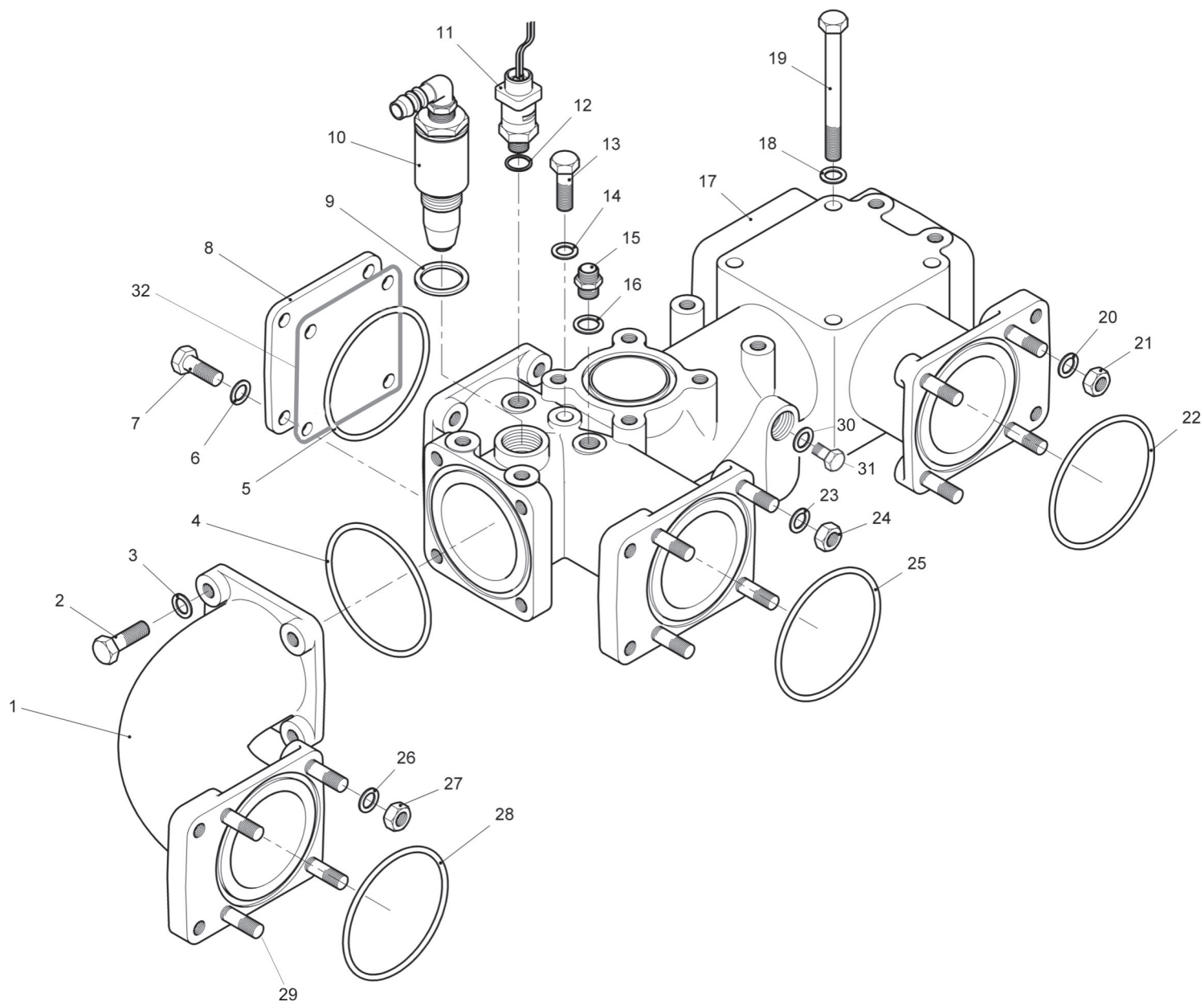
Item	Description	Quantity	Aluminium	Gunmetal	Notes
	2010 Pumps - Right side of suction tube	1	65198/000	65198/100	As viewed from front of pump
	2010 Pumps - Left side of suction tube	1	65198/001	65198/101	
	2010 Pumps - Under side of suction tube	1	65198/002	65198/102	
	Plus O ring - collecting head to suction tube	1	65406	65406	O ring required
	3010/4010 Pumps - Right side of suction tube	1	65198/003	65198/103	
	3010/4010 Pumps - Left side of suction tube	1	65198/004	65198/104	
	3010/4010 Pumps - Under side of suction tube	1	65198/005	65198/105	
	Plus O ring - collecting head to suction tube	1	65406/001	65406/001	O ring required

Manifold group - P1 and P2

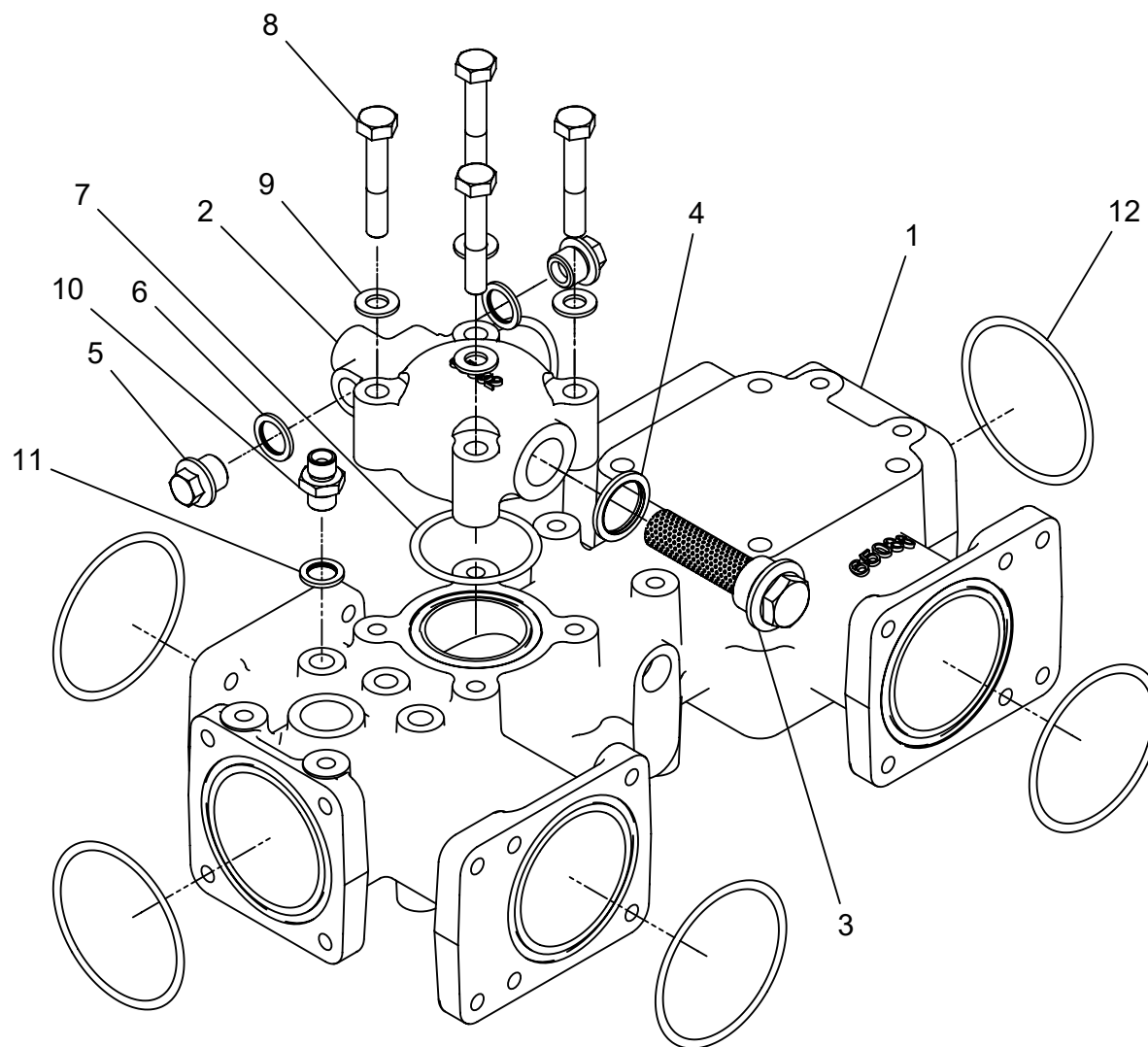


Manifold group - P1 and P2

Item	Description	Quantity	Aluminium	Gunmetal	Notes
1	Manifold outrigger	1	65039/000	65039/100	
2	Screw	4	MS06/30	MS06/30	
3	Washer	4	MS25/10	MS25/10	
4	O ring	1	50092	50092	
5	O ring	1	50092	50092	
6	Washer	4	MS25/10	MS25/10	
7	Screw	4	MS06/25	MS06/25	
8	Blanking plate	1	51281/09	51281/09	
9	Washer – supplied with item 10	1	-	-	
10	Thermal relief valve - 42°, optional on P1 pumps	1	60809	60809	
-	Thermal relief valve - 74°, optional on P1 pumps	1	60809/01	60809/01	
11	Pressure switch	1	65141	65141	
12	Washer – supplied with item11	1	-	-	
13	Bolt	1	MS18/130	MS18/130	
14	Washer	1	MS25/10	MS25/10	
15	Union, gauge connection, low pressure	1	56403	56403	
16	Seal	1	UFP2303/5	UFP2303/5	
17	Manifold	1	65036/000	65036/100	2010, 3010 model
-	Manifold	1	65036/001	65036/101	4010, 6010 model
18	Washer	4	MS25/10	MS25/10	
19	Bolt	4	MS18/130	MS18/130	
20	Washer	4	MS25/10	MS25/10	
21	Nut	4	MS35/9	MS35/9	
22	O ring	1	50092	50092	
23	Washer	4	MS25/10	MS25/10	
24	Nut	4	MS35/9	MS35/9	
25	O ring	1	50092	50092	
26	Washer	4	MS25/10	MS25/10	
27	Nut	4	MS35/9	MS35/9	
28	O ring	1	50092	50092	
29	Stud, delivery valves to manifold	4	MS49/25	MS49/25	



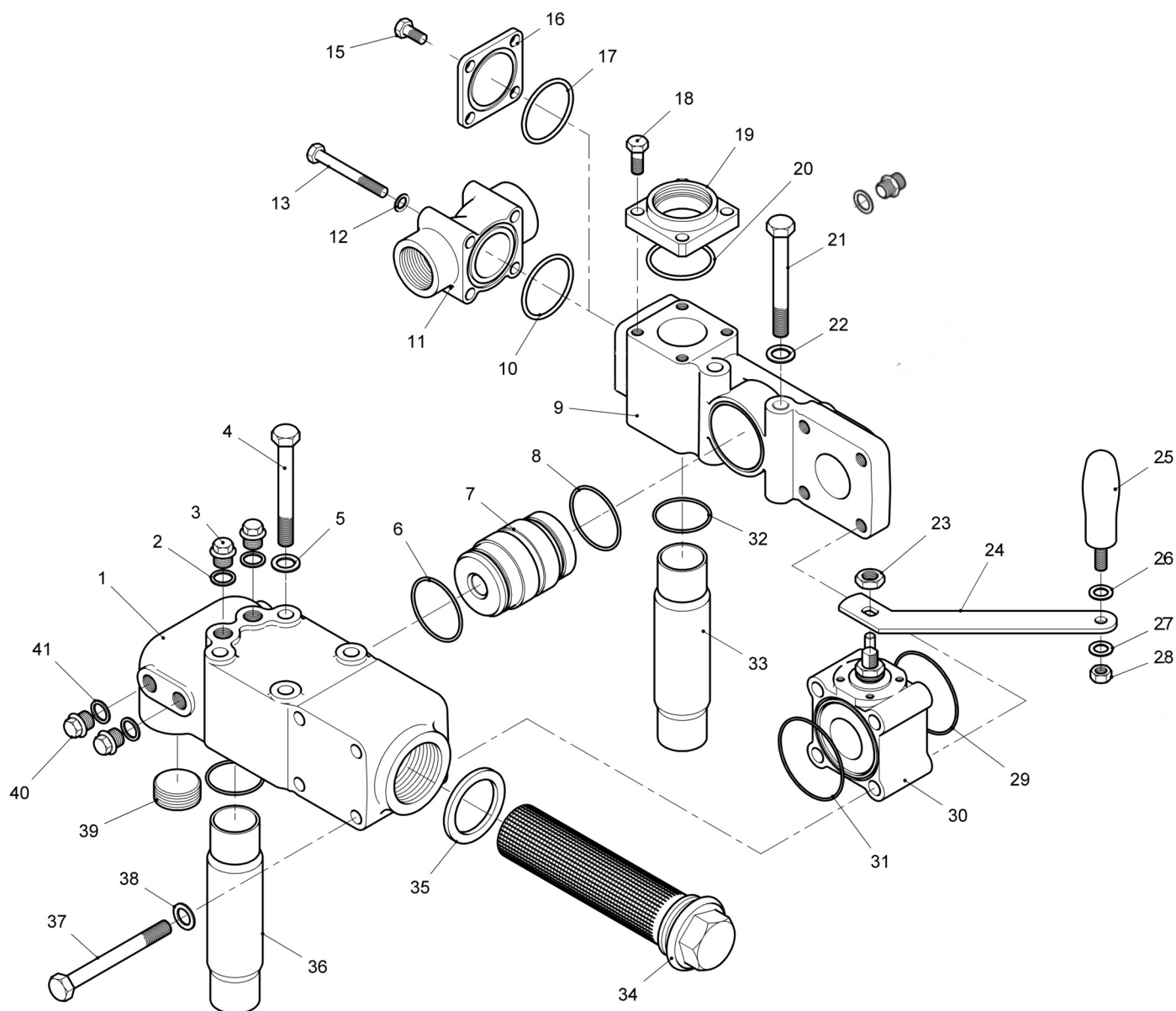
Manifold group - P2					
Item	Description	Quantity	Aluminium	Gunmetal	Notes
30	Seal	1	UFP2303/8	UFP2303/8	
31	Plug	1	65600	65600	
32	Shim plate	1	60300	60300	



Manifold group - P1

Item	Description	Quantity	Aluminium	Gunmetal	Notes
1	MANIFOLD 2010/3010 RH Volute	1	65036/000	65036/100	
-	MANIFOLD 4010 RH Volute	1	65036/001	65036/101	
-	MANIFOLD 2010/3010 LH Volute	1	65036/004	65036/104	
-	MANIFOLD 4010/6010 LH Volute	1	65036/005	65036/105	
2	FILTER HOUSING - all models	1	65592/000	65592/100	
3	STRAINER ASSY ¾" BSP	1	57456	57456	
4	BONDED SEAL ¾" BSP	1	UFP2303/10	UFP2303/10	
5	PLUG, SHOULDER, 3/8" BSP BRS	2	S64/3	S64/3	
6	BONDED SEAL 3/8" BSP SELF CENTER	2	UFP2303/7	UFP2303/7	
7	O-RING, Ø54.5 x 3.0	1	65137/001	65137/001	
8	BOLT, HEX HD M10x60	4	MS18/60	MS18/60	
9	WASHER, STD HVY M10	4	MS25/10	MS25/10	
10	UNION ¾" BSP	1	56403	56403	
11	BONDED SEAL ¾" BSP SELF CENTRE	1	UFP2303/5	UFP2303/5	
12	O-RING ID 79.5 x 3.0	6	50092	50092	

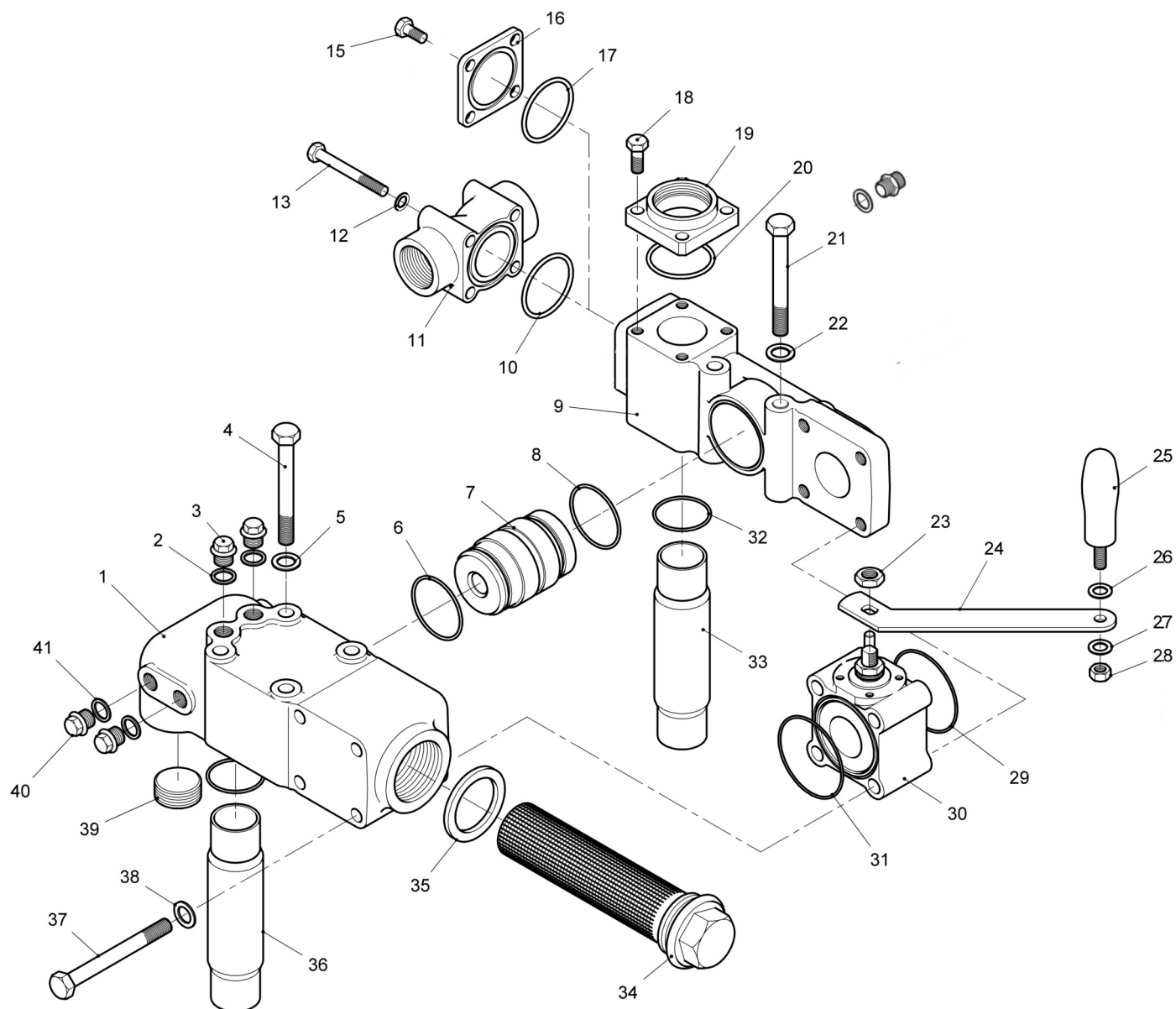
Filter Housing, Bypass and Relief Valve Group – P2



Filter Housing, Bypass and Relief Valve Group – P2

Item	Description	Quantity	Aluminium	Gunmetal	Notes
1	Filter body	1	65037/000	65037/100	
2	Seal	2	UFP2303/5	UFP2303/5	
3	Plug	2	S64/2	S64/2	
4	Bolt	4	MS18/100	MS18/100	
5	Washer	4	MS25/10	MS25/10	
6	O ring	1	60166	60166	Also supplied with Item 7
7	Relief valve assembly	1	65099	65099	
8	O ring	1	60166	60166	Also supplied with Item 7
9	By-pass connector	1	65038/000	65038/100	
10	O ring	1	60166	60166	
11	High pressure outlet tee	1	65071/200	65071/200	
12	Washer	4	MS25/9	MS25/9	
13	Bolt	4	MS17/60	MS17/60	
14	Not used				
15	Bolt	4	MS05/20	MS05/20	
16	Sealing plate	1	60168	60168	
17	O ring	1	51355	51355	
18	Screw	4	MS164/25	MS164/25	
19	High pressure outlet plate	1	65190	65190	
20	O ring	1	60166	60166	
21	Bolt	2	MS18/100	MS18/100	
22	Washer	2	MS25/10	MS25/10	
23	Nut	1			Supplied with item 30
24	Handle, ball valve	1	65081/002	65081/002	
25	Handle on item 24	1	60232	60232	
26	Washer	1	MS129/5	MS129/5	
27	Washer	1	MS129/5	MS129/5	
28	Nut	1	MS141/5	MS141/5	
29	Supplied as part of valve item 30	1	-	-	
30	High/low pressure selector valve	1	65080	65080	
31	Supplied as part of valve item 30	1	-	-	

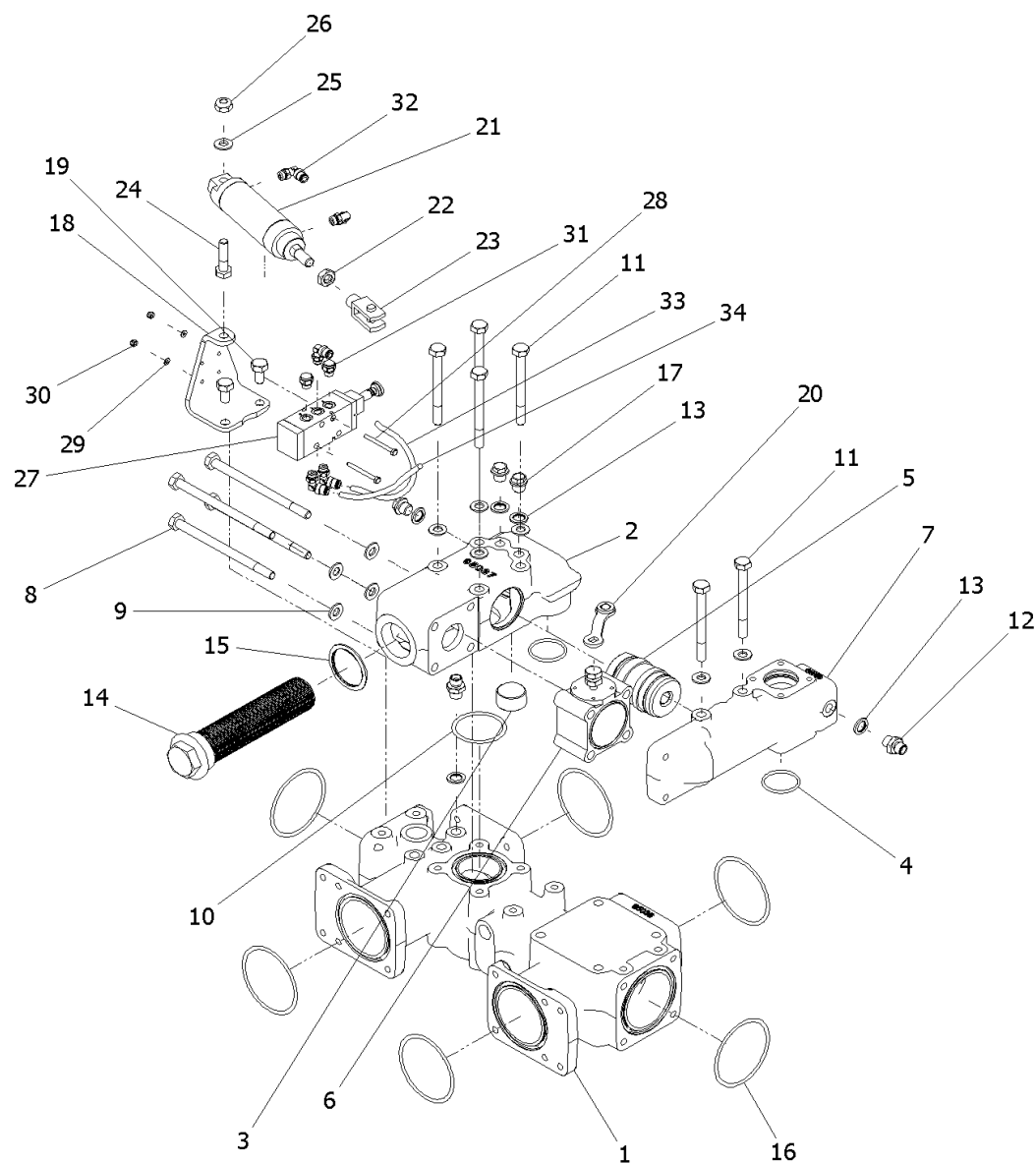
Filter Housing, Bypass and Relief Valve Group – P2



Filter Housing, Bypass and Relief Valve Group – P2

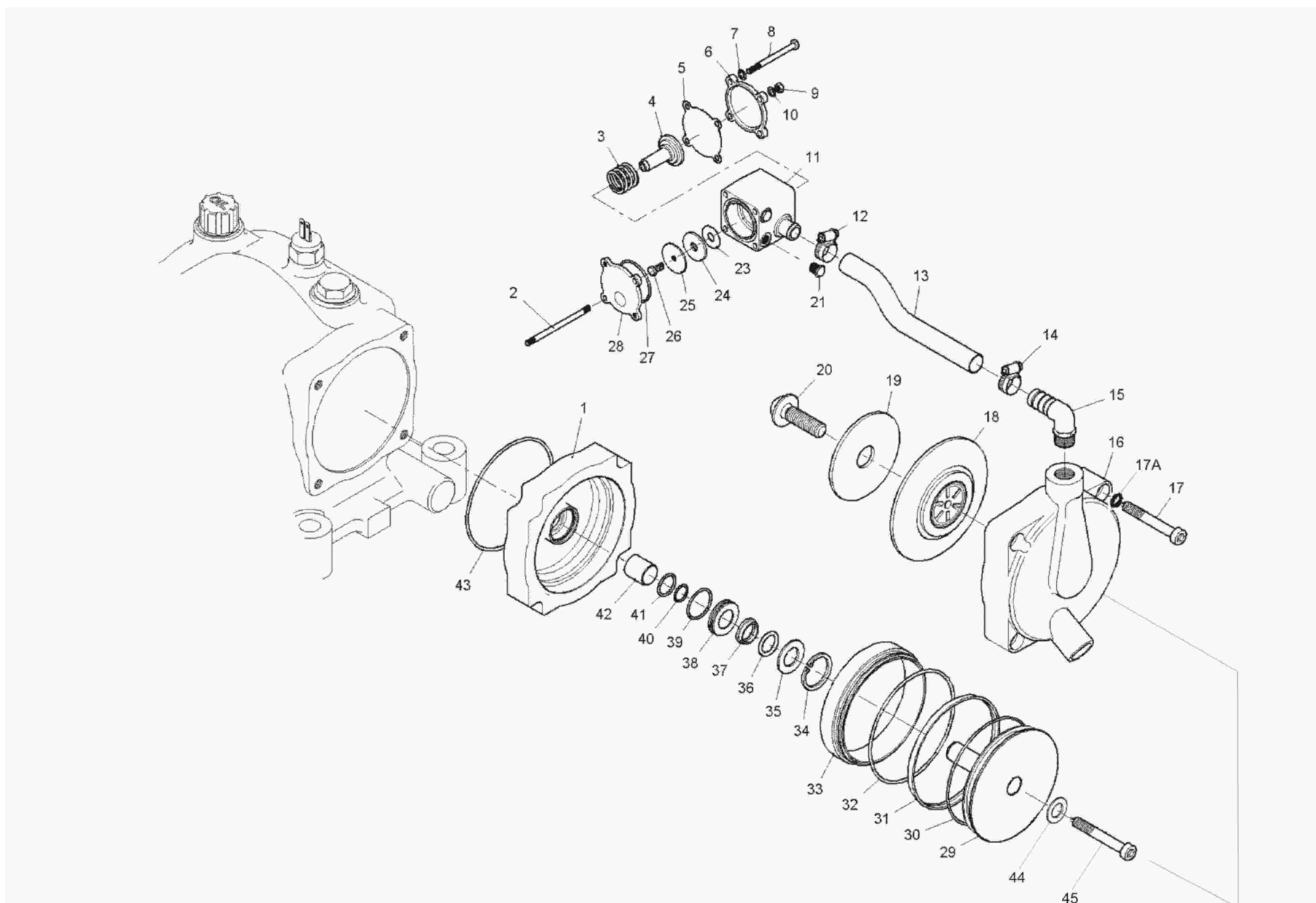
Item	Description	Quantity	Aluminium	Gunmetal	Notes
32	O ring, transfer tube	2	65137	65137	
33	Transfer tube	1	65079	65079	2010/3010 pump
-	Transfer tube	1	65079/001	65079/001	4010 pump
34	Filter assembly	1	60051	60051	
35	Seal	1	UFP2303/15	UFP2303/15	
36	Transfer tube	1	65079	65079	2010/3010 pump
-	Transfer tube	1	65079/001	65079/001	4010 pump
37	Bolt	4	MS18/150	MS18/150	
38	Washer	4	MS25/10	MS25/10	
39	Plug	1	60098/05	60098/05	
40	Plug	2	S64/2	S64/2	
41	Seal	2	UFP2303/5	UFP2303/5	
42	Seal	1	UFP2303/5	UFP2303/5	
43	Union, gauge connection, high pressure	1	56403	56403	

High/Low Pressure Selection – Pneumatic Lever Operation - P2



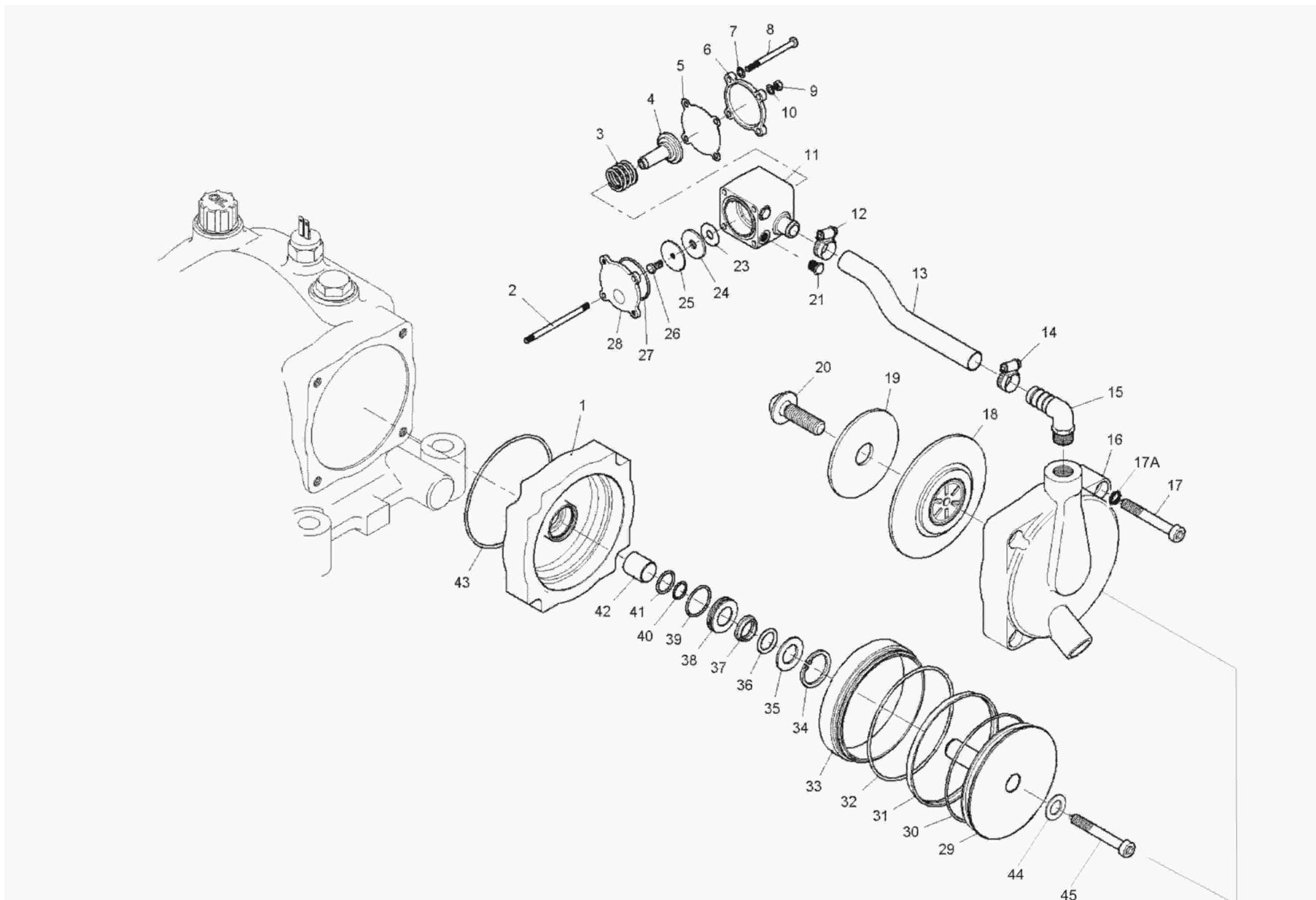
High/Low Pressure Selection – Pneumatic Lever Operation - P2

Item	Description	Quantity	Aluminium	Gunmetal	Notes
1	CENTRAL MANIFOLD AL	1	65036/000	65036/100	
2	FILTER BODY	1	65037/000	65037/100	
3	INT HEX HEAD PLUG 1" BSPT	1	60098/5	60098/5	
4	O-RING	2	65137	65137	
5	RELIEF VALVE ASSY	1	65099	65099	
6	BALL VALVE	1	65080	65080	
7	BYPASS CONNECTOR AL	1	65038/000	65038/100	
8	BOLT, HEX HD M10x150	4	MS18/150	MS18/150	
9	WASHER, STD HVY M10	10	MS25/10	MS25/10	
10	O-RING	1	65137/001	65137/001	
11	BOLT, HEX HD M10x100	6	MS18/100	MS18/100	
12	UNION ¼" BSP	2	56403	56403	
13	BONDED SEAL ¼" BSP SELF CENTRE	5	UFP2303/5	UFP2303/5	
14	FILTER ASSEMBLY	1	60051	60051	
15	BONDED SEAL 1½BSP SCENTER	1	UFP2303/15	UFP2303/15	
16	O-RING ID 79.5 x 3.0	6	50092	50092	
17	PLUG SHOULDER ¼" BSP	3	S64/2	S64/2	
18	BRACKET, SUPPORT,	1	65427/002	65427/002	
19	SCREW, HEX HD M10x20	2	MS06/20	MS06/20	
20	PNEUMATIC LEVER ASSY	1	65081/003	65081/003	If High Pressure Foam Group is fitted use 65081/004
21	CYLINDER Ø40 x 60 STROKE	1	60241/02	60241/02	
22	NUT, THIN, M12x1.25	1	60243	60243	
23	PISTON ROD CLEVIS	1	60242	60242	
24	BOLT, SS HEX HD M10x40	1	MS118/40	MS118/40	
25	WASHER, SS STD HVY M10	1	MS125/10	MS125/10	
26	NUT, SS NYLOC M10	1	MS141/6	MS141/6	
27	SOLENOID VALVE 1/8" BSP 24V	1	60610	60610	
29	BOLT, HEX HD M4x14LG	2	MS14/45	MS14/45	
29	WASHER, STD HEAVY M4	2	MS25/4	MS25/4	
30	NUT, NYLOC M4	2	MS41/2	MS41/2	
31	SILENCER 1/8" BSP	2	59085	59085	
32	SWIVEL ELBOW CONN. 6-1/8"	5	59189/01	59189/01	
33	NYLON TUBING Ø6.0 (NATURAL)	0.21	59089MA	59089MA	
34	NYLON TUBING Ø6.0 (NATURAL)	0.18	59089MA	59089MA	



Piston Primer - P1 and P2

Item	Description	Quantity	Aluminium	Gunmetal	Notes
1	Cylinder	1	65139/102	65139/102	
2	Stud	2	MS47/85	MS47/85	
3	Spring	1	57555	57555	
4	Piston, priming valve	1	65431/200	65431/200	
5	Diaphragm	1	56123	56123	
6	Cover, priming valve	1	56120	56120	
7	Washer	2	MS25/7	MS25/7	
8	Bolt	2	MS16/80	MS16/80	
9	Nut	2	MS41/4	MS41/4	
10	Washer	2	MS25/7	MS25/7	
11	Body, priming valve	1	65010/100	65010/100	
12	Hose clip	2	MS82/3	MS82/3	
13	Suction hose	2	65091MA	65091MA	.2 m length required
14	Hose clip	2	MS82/3	MS82/3	
15	Elbow	2	59392/002	59392/002	
16	Cover	2	65011/100	65011/100	
17	Bolt, cover to bearing housing	8	MS17/70	MS17/70	
17A	Washer	8	MS27/4	MS27/4	
18	Valve outlet	2	65008/002	65008/002	
19	Valve inlet	2	65009	65009	
20	Screw	2	65474	65474	
21	Plug	1	S64/3	S64/3	
22	Bonded seal - not shown, used with item 21,	1	UFP2303/7	UFP2303/7	
23	Retaining washer, seal	1	55668	55668	
24	Seal, priming valve	1	55669	55669	
25	Seal Support, priming valve	1	55670	55670	
26	Screw	1	MS104/8	MS104/8	

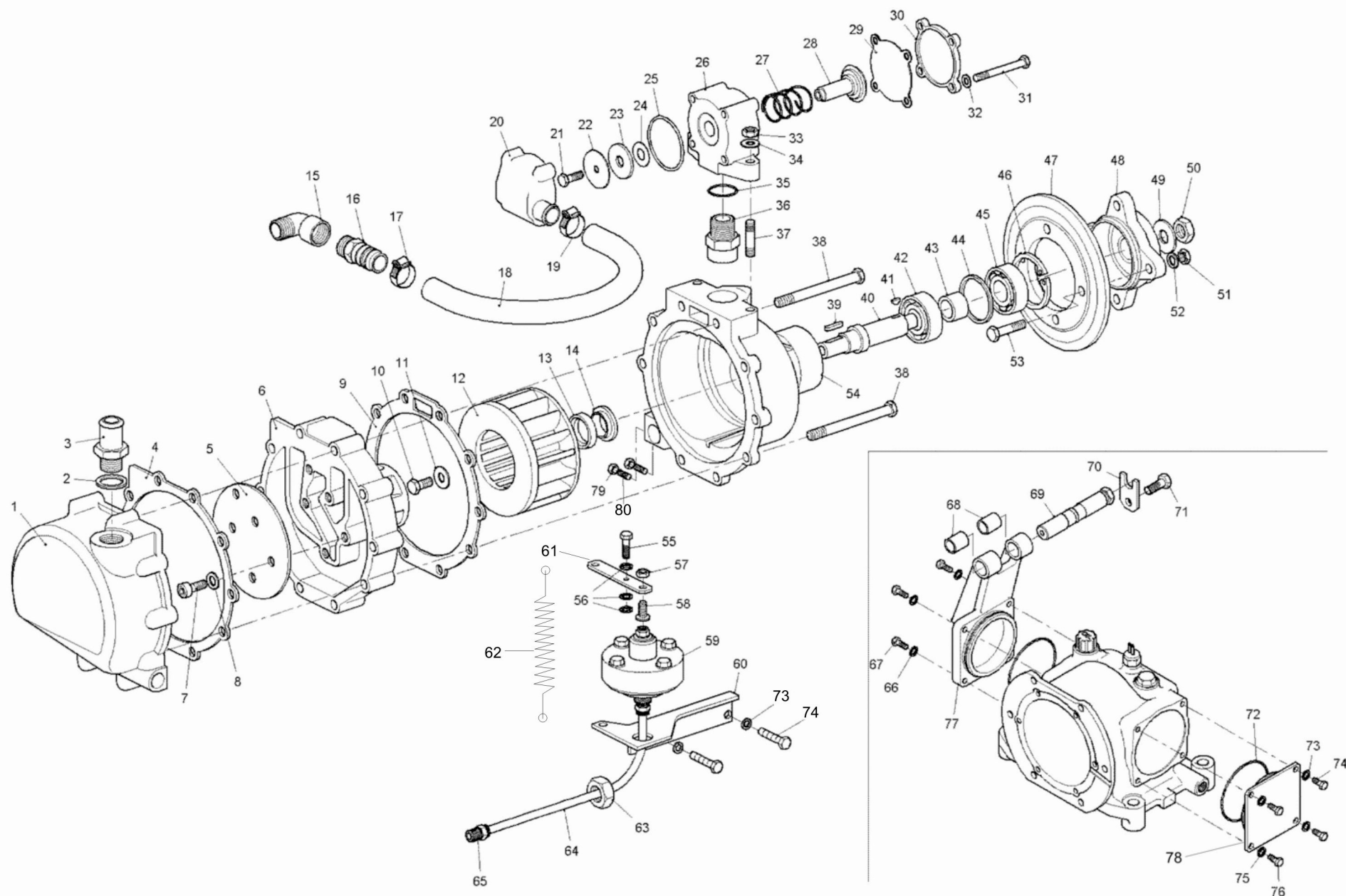


Piston Primer - P1 and P2

Item	Description	Quantity	Aluminium	Gunmetal	Notes
27	O ring	1	53750	53750	
28	Plate, priming valve	1	65014	65014	
29	Piston	2	65006/004	65006/004	
30	O ring	2	65134	65134	
31	Water seal, piston	2	65119	65119	
32	O ring	2	61097	61097	
33	Cylinder liner	2	65005/002	65005/002	
34	Circlip	2	60914	60914	
35	Retaining disc	2	65167	65167	
36	O ring	2	65162	65162	
37	Shaft seal	2	65161	65161	
38	Wiper carrier	2	65158/001	65158/001	
39	O ring	2	52816	52816	
40	Shaft seal	2	65159	65159	
41	O ring	2	65160	65160	Supplied with item 40
42	DU Bearing	2	56949/007	56949/007	
43	O ring	2	61097	61097	
44	Bonded seal	2	MS133/8	MS133/8	
45	Screw	2	65169	65169	

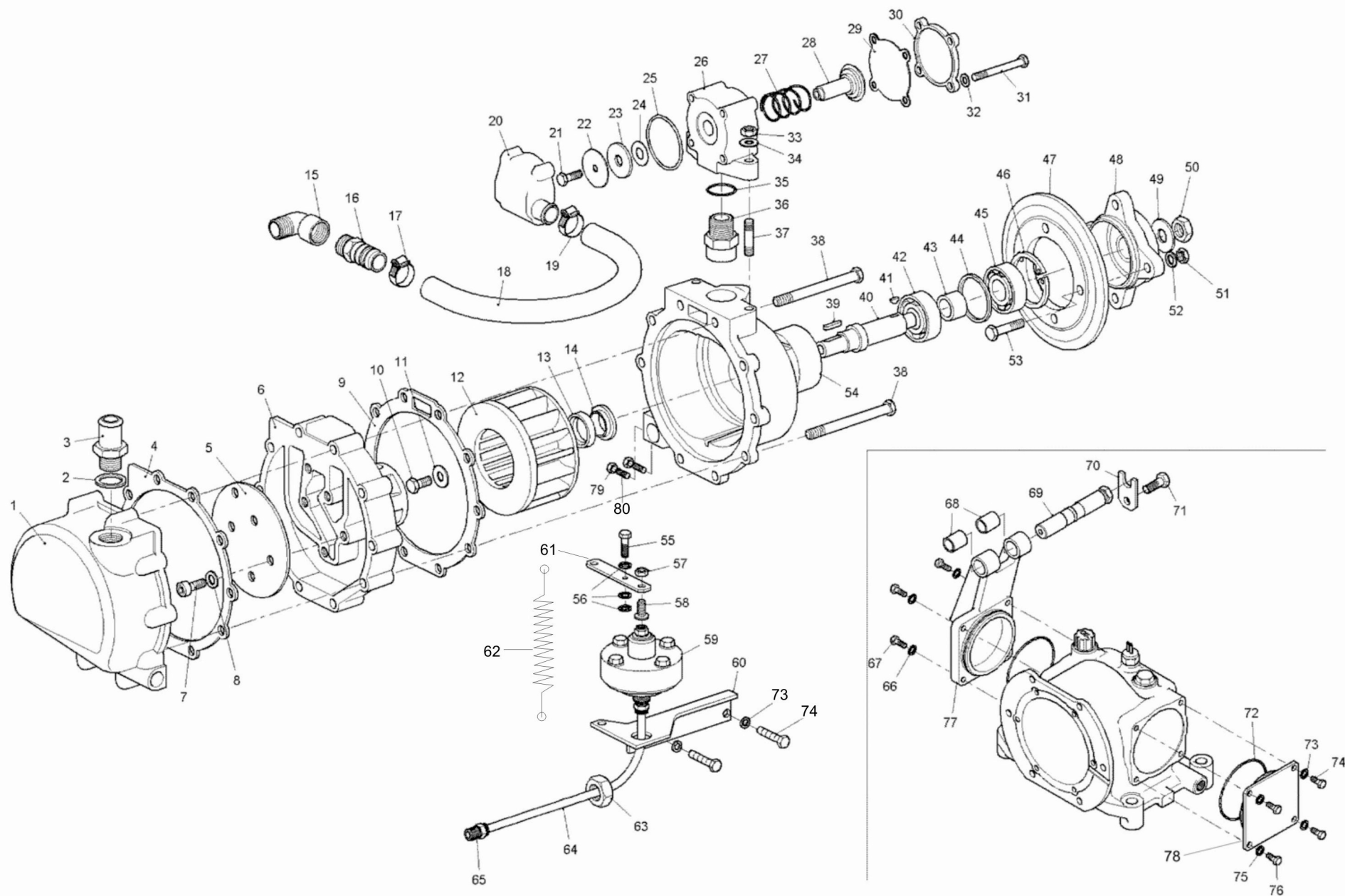
Piston Primer - P1 and P2					
Item	Description	Quantity	Aluminium	Gunmetal	Notes
	SP045 – Piston Primer Seal Repair Kit – for general overhaul				
	Item, from page 40-43				
18	Valve outlet	2	65008/002	65008/002	
19	Valve inlet	2	65009	65009	
30	O ring	2	65134	65134	
31	Water seal, piston	2	65119	65119	
32	O ring	2	61097	61097	
36	O ring	2	65162	65162	
37	Shaft seal	2	65161	65161	
39	O ring	2	52816	52816	
40	Shaft seal	2	65159	65159	
41	O ring	2	65160	65160	
43	O ring	2	61097	61097	
44	Bonded seal	2	MS133/8	MS133/8	
	SP048 – Piston Primer Seal Kit – End Cover – inlet and outlet valves only				
	Item, from page 40-43				
Item	Description				
18	Valve outlet	1	65008/002	65008/002	
19	Valve inlet	1	65009	65009	
20	Screw, flanged button head	1	65474	65474	
32	O ring	2	61097	61097	

Piston Primer - P1 and P2					
Item	Description	Quantity	Aluminium	Gunmetal	Notes
	SP049 – Piston Primer Seal Kit – Cylinder shaft seals only				
	Items from page 40-43				
30	O ring	1	65134	65134	
31	Water seal, piston	1	65119	65119	
32	O ring	1	61097	61097	
36	O ring	1	65162	65162	
40	Shaft seal	1	65159	65159	
41	O ring	1	65160	65160	
43	O ring	1	61097	61097	
44	Bonded seal	1	MS133/8	MS133/8	
	SP050 – Priming Valve Seal Kit				
	Item, from page 40-43				
Item	Description				
27	O ring	1	53750	53750	
24	Seal	1	55669	55669	
5	Diaphragm	1	56123	56123	

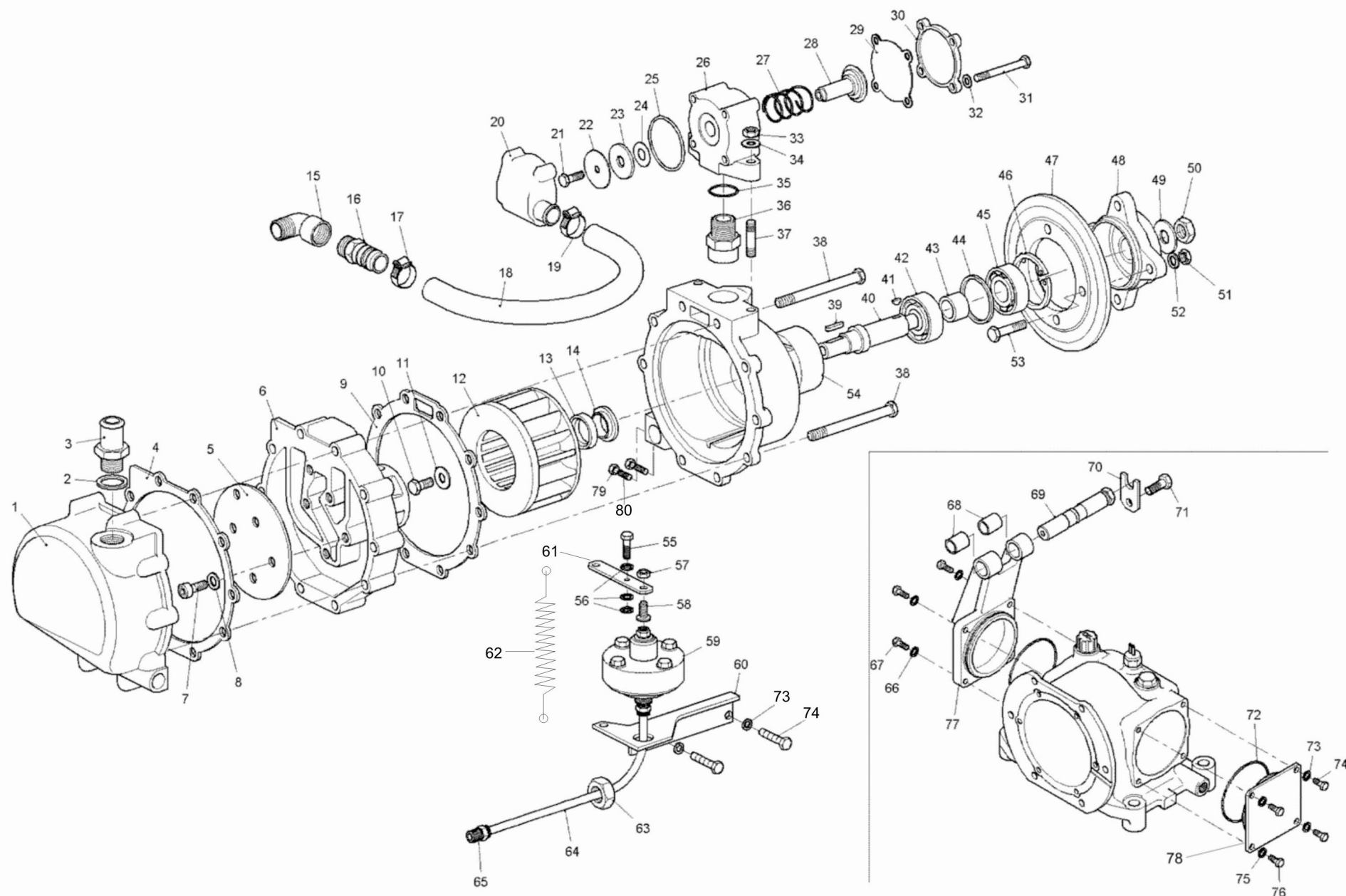


Water Ring Primer - P1 and P2

Item	Description	Quantity	Aluminium	Gunmetal	Notes
	Complete Primer Assembly	1	65143/001	65143/101	
1	Water trap housing	1	WRP7934/10	WRP7934/11	
2	Sealing washer, 5/8"	1	UFP2303/9	UFP2303/9	
3	Water hose connection 1"	1	WRP7977/3	WRP7977/2	
4	Gasket	1	WRP7953	WRP7953	
5	Cover plate	1	WRP7936	WRP7936	
6	Suction and delivery cover	1	WRP7952/2	WRP7952/3	
7	Screw, socket head	5	MS163/16	MS163/16	
8	Washer	5	MS125/7	MS125/7	
9	Gasket	1	WRP7954	WRP7954	
10	Self-locking bolt	1	10021	10021	
11	Washer	1	WRP7971	WRP7971	
12	Impeller	1	WRP7931/2	WRP7931/3	
13	Seal	1	WRP7985	WRP7985	
14	Sealing backing washer	1	WRP7982	WRP7982	
15	Elbow	1	59185	59185	
16	Hose tail	1	61247	61247	
17	Hose clip	1	MS82/1	MS82/1	
18	Hose	.50m	69051MA	69051MA	
19	Hose clip	1	MS82/1	MS82/1	
20	Inlet, priming valve	1	57229/01	57229/101	
21	Screw	1	MS104/8	MS104/8	
22	Washer, seal support	1	55670	55670	
23	Seal	1	55669	55669	
24	Washer, seal retaining	1	55668	55668	
25	O ring	1	60406	60406	
26	Priming valve body	1	60097/01	60097/101	

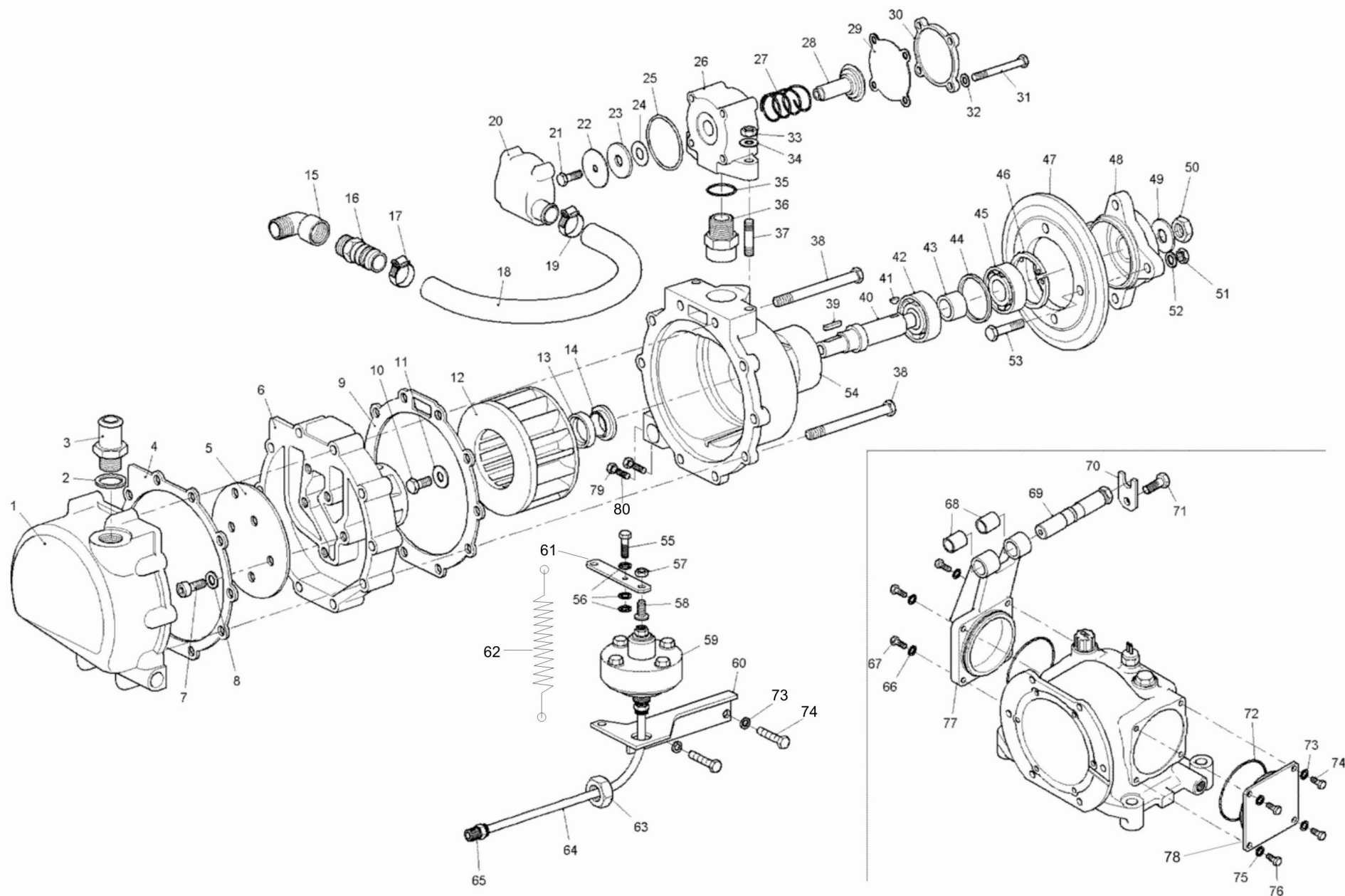


Water Ring Primer - P1 and P2					
Item	Description	Quantity	Aluminium	Gunmetal	Notes
26	Priming valve body	1	60097/01	60097/101	
27	Spring, priming valve	1	57555	57555	
28	Piston, priming valve	1	65431/200	65431/200	
29	Diaphragm	1	56123	56123	
30	Cover, priming valve	1	56120	56120	
31	Bolt	4	MS16/60	MS16/60	
32	Washer	4	MS25/7	MS25/7	
33	Nut, priming valve to primer	2	MS35/8	MS35/8	
34	Washer, priming valve to primer	2	MS25/9	MS25/9	
35	O ring	1	50887	50887	
36	Non-return valve	1	65494	65494	
37	Stud	2	MS48/30	MS48/30	
38	Bolt, securing water trap housing to primer bearing housing	2 1 6 1	MS17/85 MS17/80 MS17/60 MS17/90	MS17/85 MS17/80 MS17/60 MS17/90	
39	Key	1	MS179/35	MS179/35	
40	Primer shaft	1	WRP7940/1	WRP7940/1	
41	Woodruff key	1	WRP9707	WRP9707	
42	Ball bearing, small	1	WRP7986	WRP7986	
43	Bearing spacer	1	WRP7943	WRP7943	
44	Bearing locating ring	1	WRP7944	WRP7944	
45	Ball bearing, large	1	WRP7987	WRP7987	
46	Circlip	1	S79/28	S79/28	
47	Pulley (fibre wheel)	1	UMP7915	UMP7915	
48	Pulley centre piece	1	WRP7937/1	WRP7937/1	
49	Tab washer	1	WRP7938/1	WRP7938/1	
50	Nut, special	1	WRP7939/1	WRP7939/1	



Water Ring Primer - P1 and P2

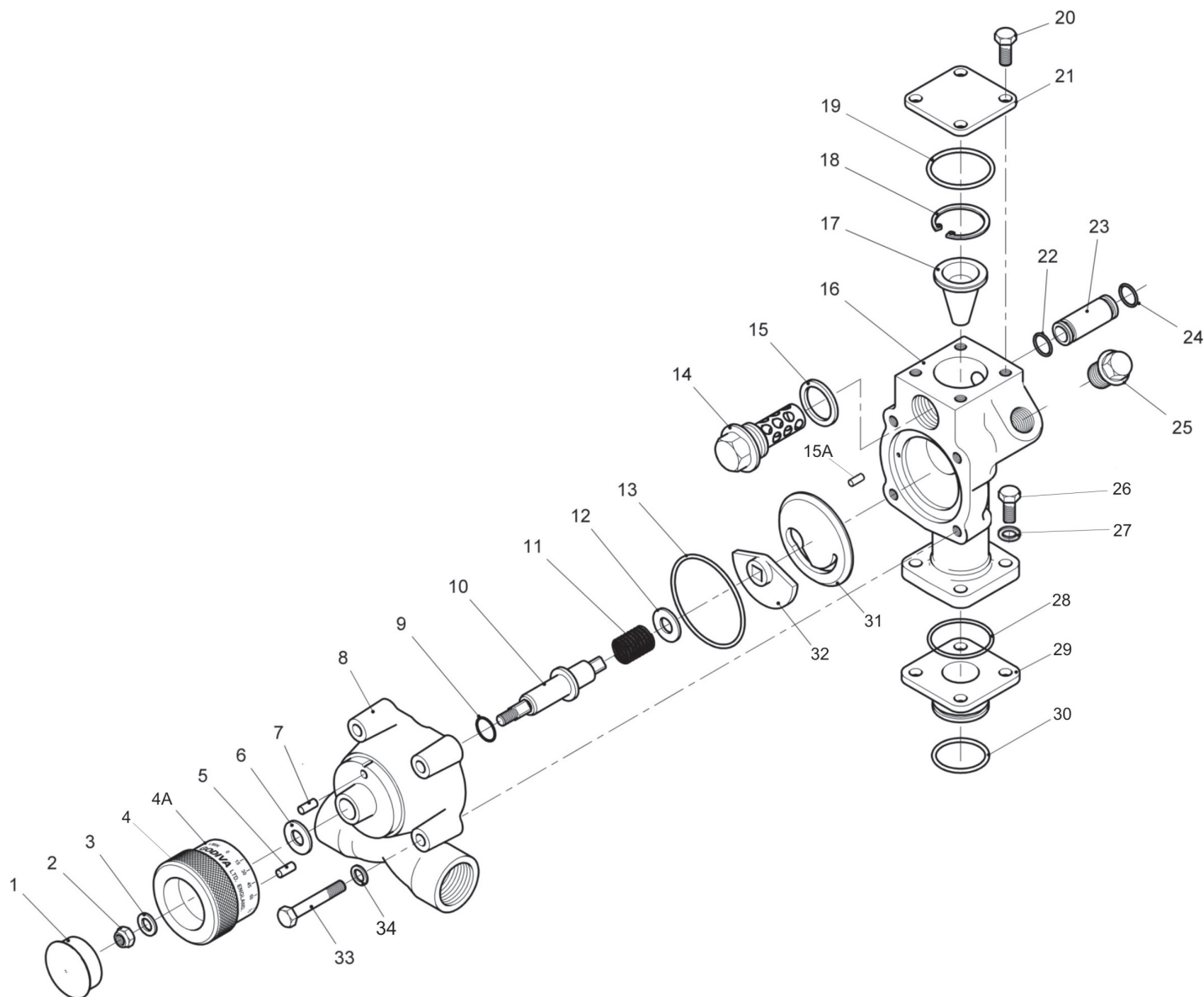
Item	Description	Quantity	Aluminium	Gunmetal	Notes
51	Nut	4	MS35/7	MS35/7	
52	Spring washer	4	MS29/5	MS29/5	
53	Bolt, pulley to centre piece	4	MS16/30	MS16/30	
54	Primer bearing housing	1	WRP7941/8	WRP7941/9	
55	Screw	1	MS05/25	MS05/25	
56	Washer	3	MS25/9	MS25/9	
57	Nut	1	MS35/8	MS35/8	
58	Lift-off pad	1	WRP7978/1	WRP7978/1	
59	Primer disengaging unit	1	65178/100	65178/100	
60	Mounting bracket, disengaging unit	1	65174	65174	
61	Lift-off plate	1	65180	65180	
62	Spring	1	UFP5962/1	UFP5962/1	
63	Locknut	1	65179	65179	
64	Tubing	.3m	7763/01MA	7763/01MA	
65	Adaptor, straight	1	59082/04	59082/04	
66	Washer	4	MS25/9	MS25/9	
67	Screw	4	MS17/35	MS17/35	
68	Bush	2	UFP2277	UFP2277	
69	Pivot pin	1	65089	65089	
70	Locating plate	1	UFP2274	UFP2274	
71	Bolt	1	MS105/16	MS105/16	
72	O ring	2	61097	61097	
73	Washer	2	MS25/9	MS25/9	
74	Screw, upper	2	MS05/25	MS05/20	
75	Washer	2	MS25/9	MS25/9	
76	Screw, lower	2	MS05/20	MS05/20	
77	Primer support	1	65173/300	65173/300	



Water Ring Primer - P1 and P2

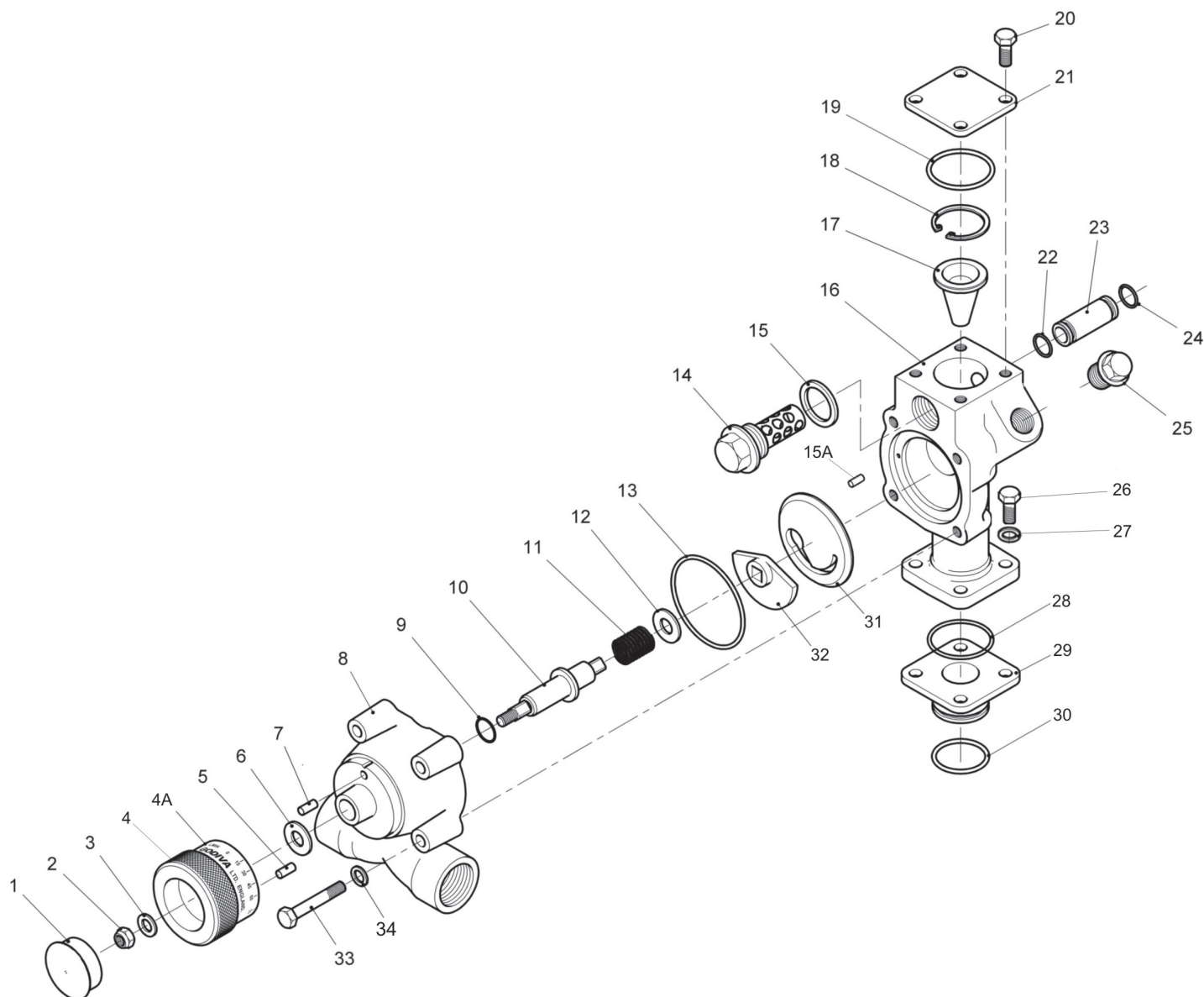
Item	Description	Quantity	Aluminium	Gunmetal	Notes
78	Adaptor plate	1	65084/001	65084/001	
79	Nut	2	MS35/8	MS35/8	
80	Set screw	2	MS57/8/25	MS57/8/25	

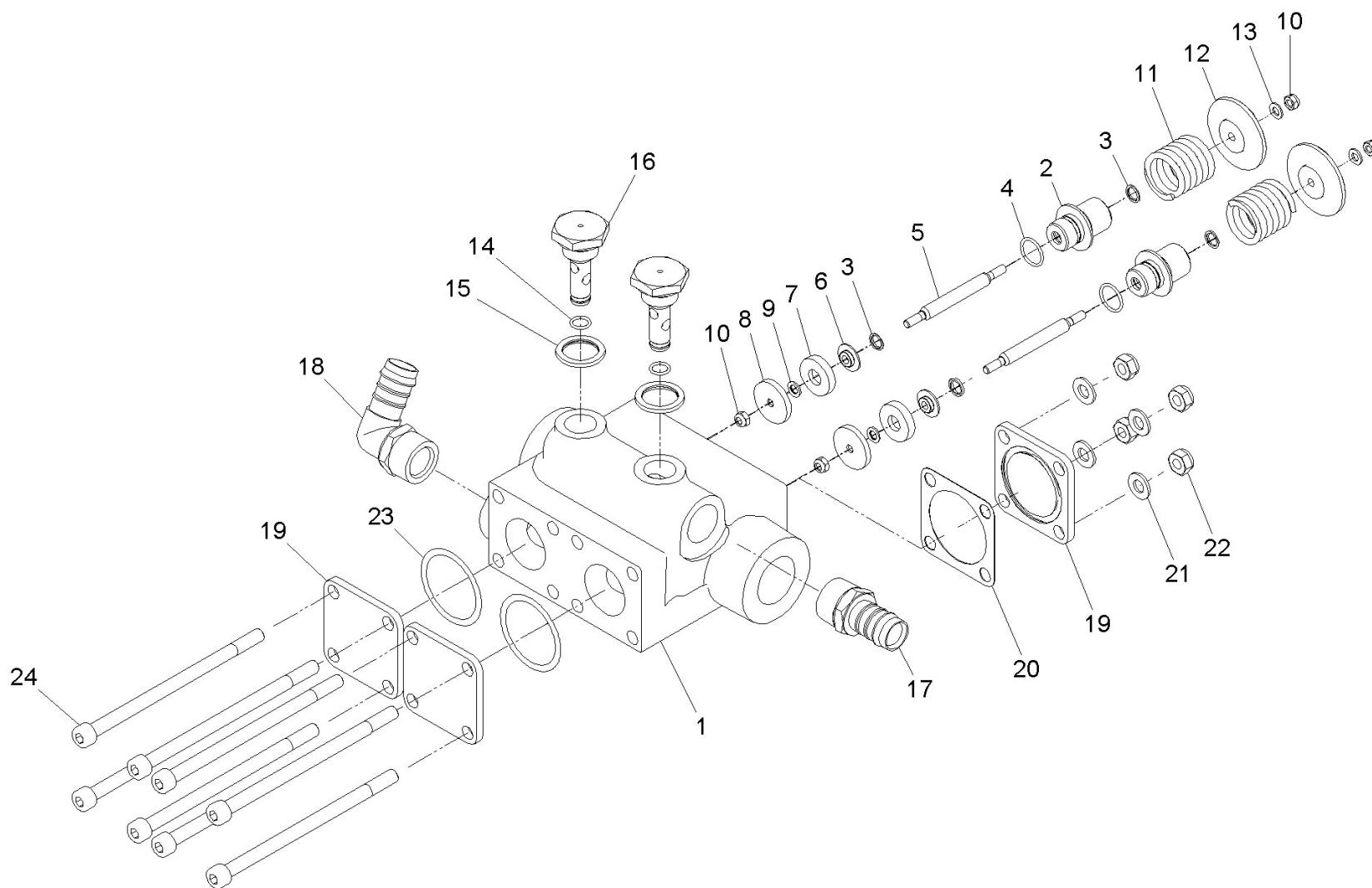
Round The Pump (RTP) Foam System - P1 and P2



Round The Pump (RTP) Foam System - P1 and P2

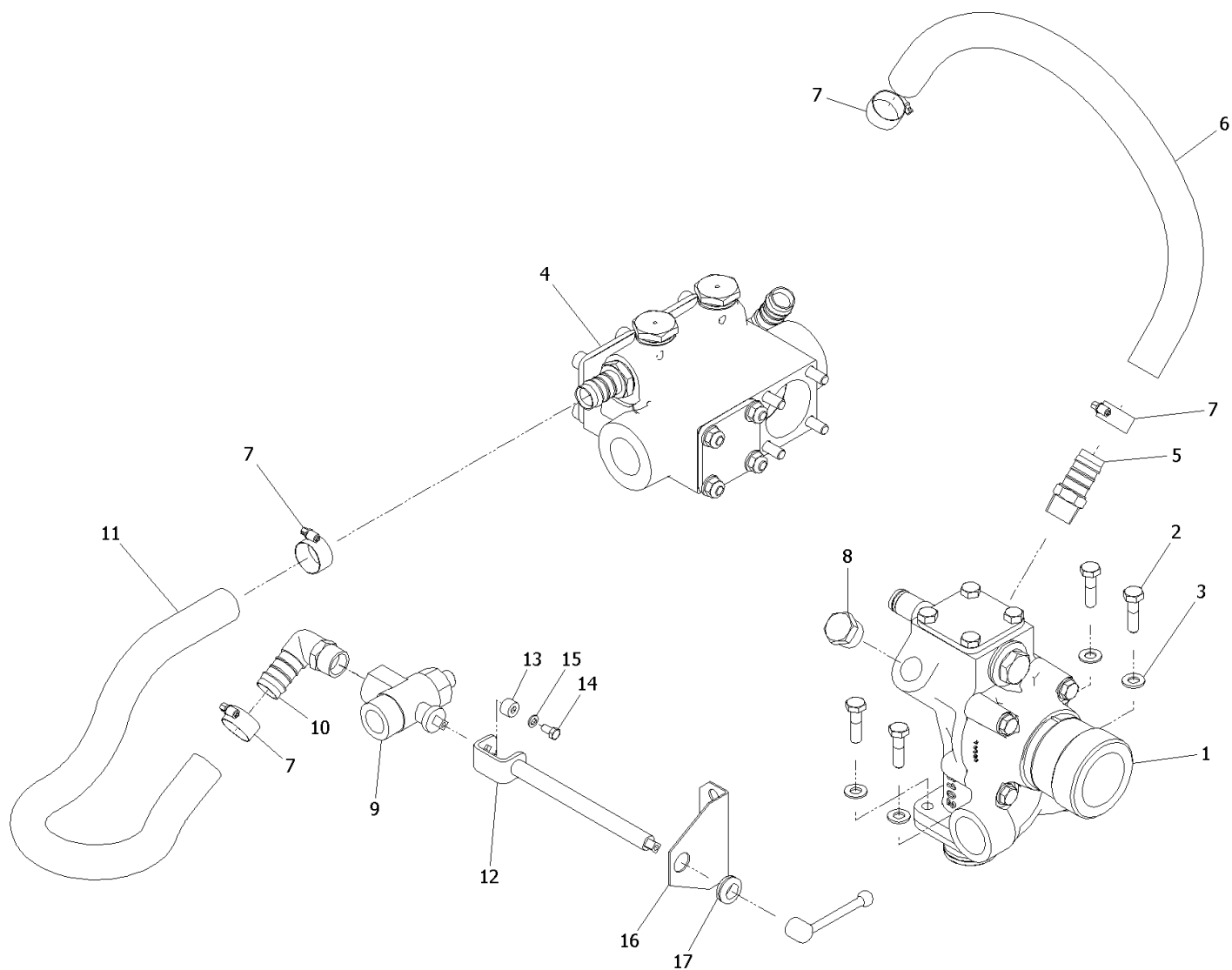
Item	Description	Quantity	Aluminium	Gunmetal	Notes
1	Insert	1	65700	65700	
2	Nut	1	MS41/5	MS41/5	
3	Washer	1	MS25/9	MS25/9	
4	Control Knob	1	65106	65106	
4A	Calibration label	1	52324/01	52324/01	
5	Spirol pin	2	MS177/136	MS177/136	
6	Washer, special	1	60274	60274	
7	Spirol pin	1	MS177/136	MS177/136	
8	Valve housing	1	65101/000	65101/100	
9	O ring	1	51894	51894	
10	Spindle	1	51893	51893	
11	Spring	1	51900	51900	
12	Washer, special	1	60274	60274	
13	O ring	1	GPL10556	GPL10556	
14	Strainer	1	65109	65109	
15	Seal	1	UFP2303/10	UFP2303/10	
15A	Spirol pin	1	MS177/53	MS177/53	
16	RTP body	1	65102/000	65102/100	
17	Nozzle	1	65108	65108	
18	Circlip	1	65105	65105	
19	O ring	1	60166	60166	
20	Screw	4	MS05/20	MS05/20	
21	Plate	1	60168	60168	
22	O ring	1	GPF8526/1	GPF8526/1	





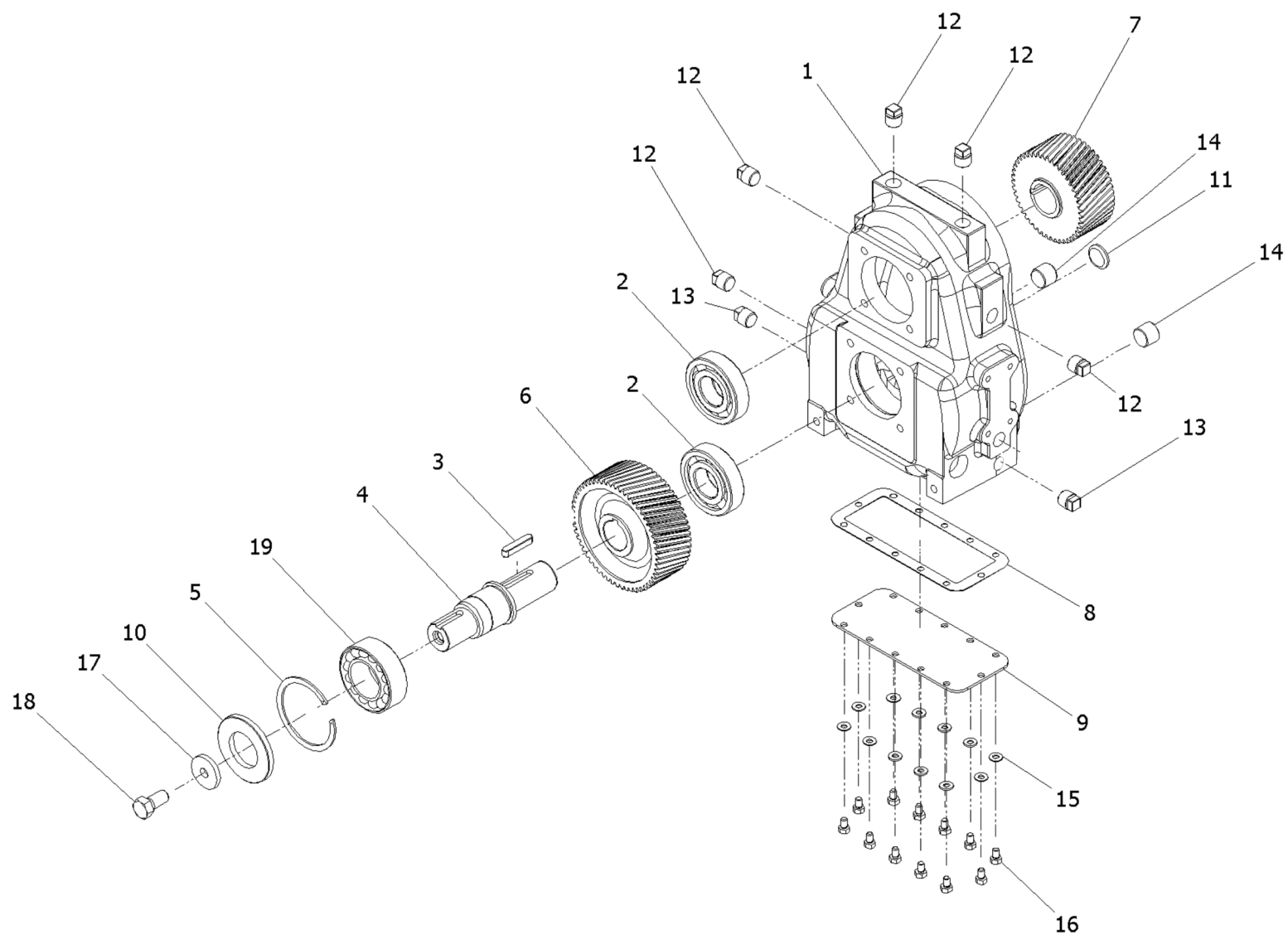
Round the pump (RTP) High Pressure Foam Group, Fixed Jet - P2

Item	Description	Quantity	Aluminium	Gunmetal	Notes
1	BODY - VALVE	1	65451/000	65451/100	
2	BEARING SPINDLE	2	60060/01	60060/01	
3	QUAD RING 8.2 x 1.78	4	60235	60235	
4	O-RING Ø15.1 x Ø1.6	2	60192	60192	
5	VALVE SPINDLE	2	60062/01	60062/01	
6	COLLAR - VALVE	2	52193/01	52193/01	
7	VALVE RUBBER	2	52194/01	52194/01	
8	WASHER	2	52195/02	52195/02	
9	BONDED SEAL M5 SELF CENTER	2	MS133/5	MS133/5	
10	NUT, SS NYLOC M5	4	MS141/3	MS141/3	
11	SPRING	2	60063	60063	
12	VALVE HEAD	2	60067	60067	
13	WASHER, SS STD HVY M5	2	MS125/6	MS125/6	
14	O-RING	2	53504	53504	
15	BONDED SEAL ½" BSP SELF CENT	2	UFP2303/8	UFP2303/8	
16	JET	2	60064	60064	
17	NYLON X HOSE ¾ ID TO ¾ BSPT	1	61247/002	61247/002	
18	ELBOW - ¾" ID HOSE TO ¾" BSPT	1	59392/01	59392/01	
19	SEAL PLATE	3	60168	60168	
20	GASKET	1	60234	60234	
21	WASHER , STD HVY M8	4	MS25/9	MS25/9	
22	NUT, NYLOC M8	4	MS41/5	MS41/5	
23	O-RING I/D 41.6 x 2.4	2	51355	51355	
24	SCREW, SS SKT HD CAP M8x140	8	MS164/140	MS164/140	



Round the pump (RTP) High Pressure Foam Tubing/Fixings – P2

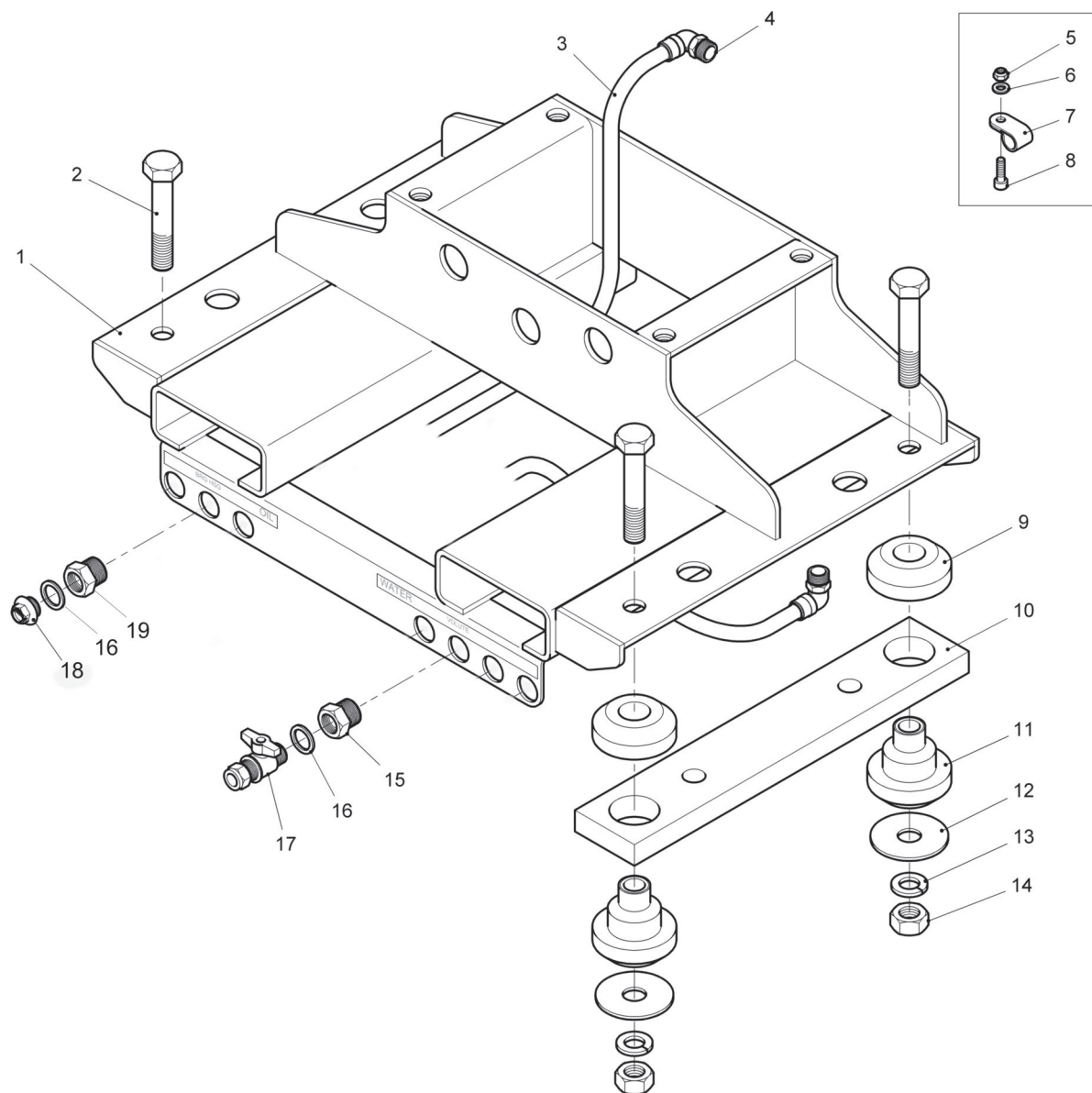
Item	Description	Quantity	Aluminium	Gunmetal	Notes
1	RTP FOAM INDUCTOR ASSY 120L/MIN AL	1	65100/000	65100/100	
2	BOLT, HEX HD M8x30	4	MS17/30		
3	WASHER , STD HVY M8	4	MS25/9		
4	AUTOMATIC AFFF VALVE UNIT AL	1	65450/000	65450/100	
5	NYLON X HOSE ¾ ID TO ½BSPT	1	61247		
6	HOSE ¾" DIA	1	54737MA		
7	HOSE CLIP, HEAVY RANGE 16-25	4	MS82/01		
8	BLANKING PLUG ½" BSPT PLASTIC	1	65259		
9	3 WAY BALL VALVE ASSEMBLY	1	65452		
10	ELBOW - ¾"ID HOSE TO ½"BSPT	1	59392/002		
11	HOSE ¾" DIA	1	54737MA		
12	BALL VALVE ACTUATOR	1	65454		
13	SPACER CLAMP	1	65453		
14	SCREW, HEX HD M5x10	1	MS03/10		
15	WASHER, STD HVY M5	1	MS25/6		
16	HANDLE SUPPORT BRACKET	1	65566		
17	GROMMET (OPEN)	1	53563		



Gearbox - P1 and P2

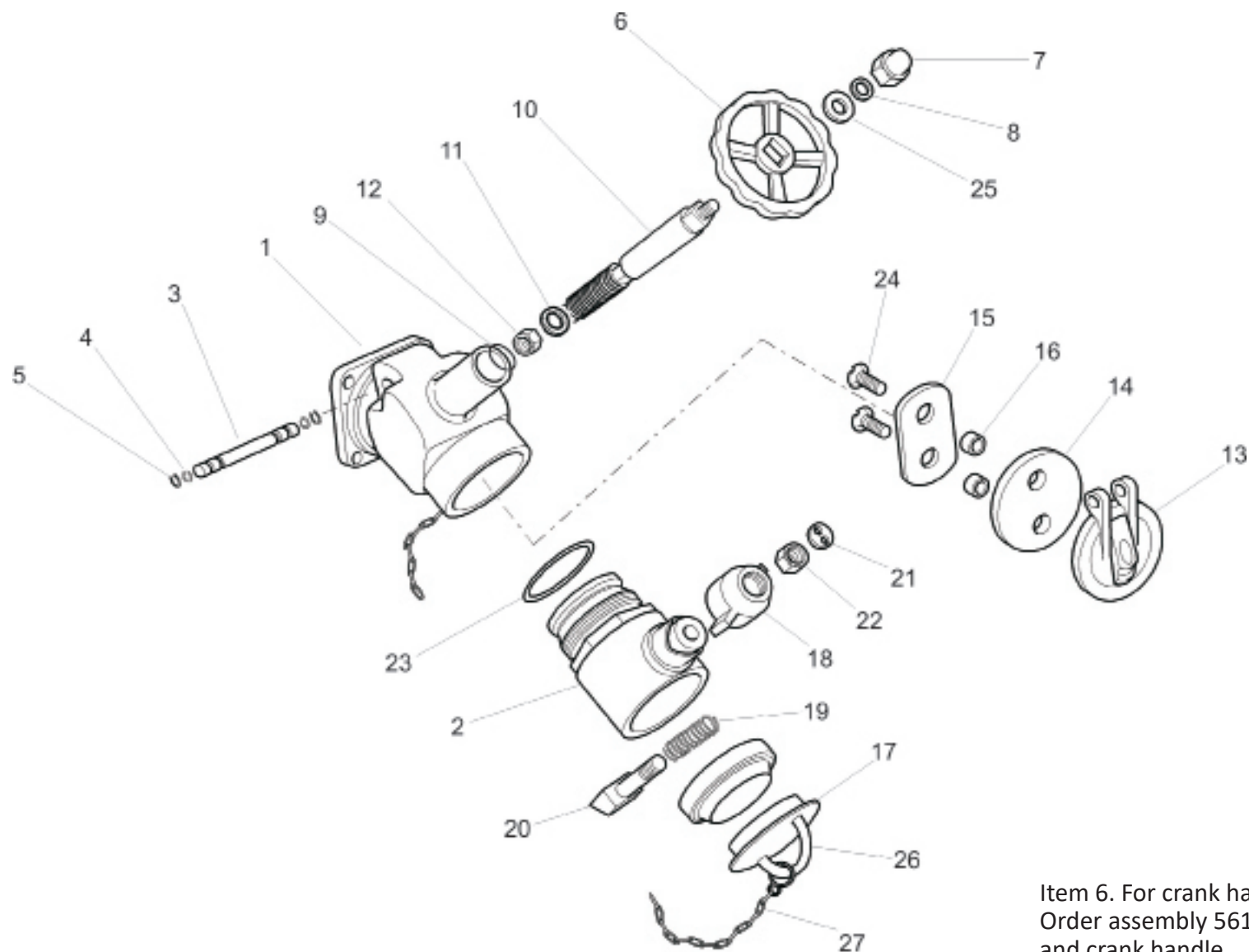
Item	Description		Quantity	Aluminium	Notes
1	Gearbox casing		1	004-0581-00-0	All Godiva gearboxes are made of cast iron
2	Bearing (308J)		2	250-0308-32-0	
3	Key		1	017-0300-00-0	
4	Drive shaft		1	037-2222-00-0	
5	Retaining ring		1	077-3540-00-0	
6	Drive gear		1	-	See table below for Drive and Pinion gear ratio options
7	Pinion gear		1	-	
8	Gasket		1	046-5270-01-0	
9	Cover		1	044-0840-00-0	
10	Oil seal		1	296-2810-00-0	
11	Knock out plug		1	217-3360-00-0	
12	Plug, ½ NPT		6	217-0401-00-0	
13	Plug, magnetic, ½ NPT		2	217-0401-08-0	
14	Plug, ¾ NPT		2	217-0501-03-0	
15	Washer, 5/16		12	097-0810-01-0	
16	Screw		12	018-1404-25-0	
17	Washer		1	097-0890-03-0	
18	Screw		1	018-2412-25-0	
19	Bearing		1	250-5210-20-0	
20	Snap ring		1	077-1500-05-0	
	Item 6. Drive Gear	Item 7. Pinion Gear	Ratio	Complete gearbox assembly	Not illustrated -
	031-1510-00-0 (56T)	031-1520-00-0 (45T)	1.24	504-0640-12-0	65127 - Adaptor ring, between pump and gearbox
	031-1500-00-0 (59T)	031-5160-00-0 (42T)	1.40	504-0640-14-0	61197 - Gasket, gearbox side
	031-1490-00-0 (62T)	031-5180-00-0 (39T)	1.59	504-0640-16-0	50092 - O ring, pump side
	031-1480-00-0 (65T)	031-5200-00-0 (36T)	1.80	504-0640-18-0	65244 - Plastic plug, in adaptor. Allows access for holding shaft
	031-1470-00-0 (67T)	031-1440-00-0 (34T)	1.97	504-0640-20-0	
	031-1610-00-0 (69T)	031-5220-00-0 (32T)	2.16	504-0640-22-0	
	031-1460-00-0 (71T)	031-5240-00-0 (30T)	2.37	504-0640-24-0	

Mounting Platform - P1 and P2



Mounting Platform - P1 and P2

Item	Description	Quantity	Gunmetal	Notes
1	Mounting base	1	65212/001	
2	Bolt	4	MS20/90	
3	Nylon tubing, bearing housing oil drain	.675 m	56221MA	
4	Elbow adaptor	1	56284	
-	Tube insert, for item 3, nylon tubing	2	60405	
-	Sleeve, for item 3, nylon tubing	2	5110	
-	Tubing nut, for item 3, nylon tubing	2	51171	
5	Nut	1	MS41/4	
6	Washer	1	MS25/7	
7	Clip	1	53708/03	
8	Bolt	1	MS04/25	
9	Flexible mount	4	60642	
10	Mount plate	2	60641	
11	Part of item 9, Flexible mount	4	-	
12	Washer, for rubber mount	4	60365	
13	Spring washer	4	MS29/10	
14	Nut	4	MS35/12	
15	Straight adaptor	1	59082/09	
16	Seal	2	UFP2303/8	
17	Ball valve, volute drain	1	65214/001	
18	Plug, oil drain	1	65599	
19	Straight adaptor, on mounting base	1	007-00150-000	
	For pumps with gearbox fitted -			
-	Item 4 - is Straight adaptor, for oil drain on gearbox - left hand	1	55348/03	
-	Item 4 - is Elbow adaptor, for oil drain on gearbox - right hand and down position	1	54344/07	for down position use in addition 082-10406-000 ELBOW UNION, M & F, ½ BSPT 1OFF
-	Item 19 - Straight adaptor for gearbox oil drain on mounting base	1	007-00150-000	
-	Nylon tubing for gearbox oil drain	.6 m	56221MA	
-	Also needed for nylon tubing - tube insert 60405 x 2, sleeve 51170 x 2, nut 51171 x 2		-	



Item 6. For crank handles
Order assembly 56132/03 - includes handle
and crank handle

Delivery Valve - Standard UK Type - P1 and P2

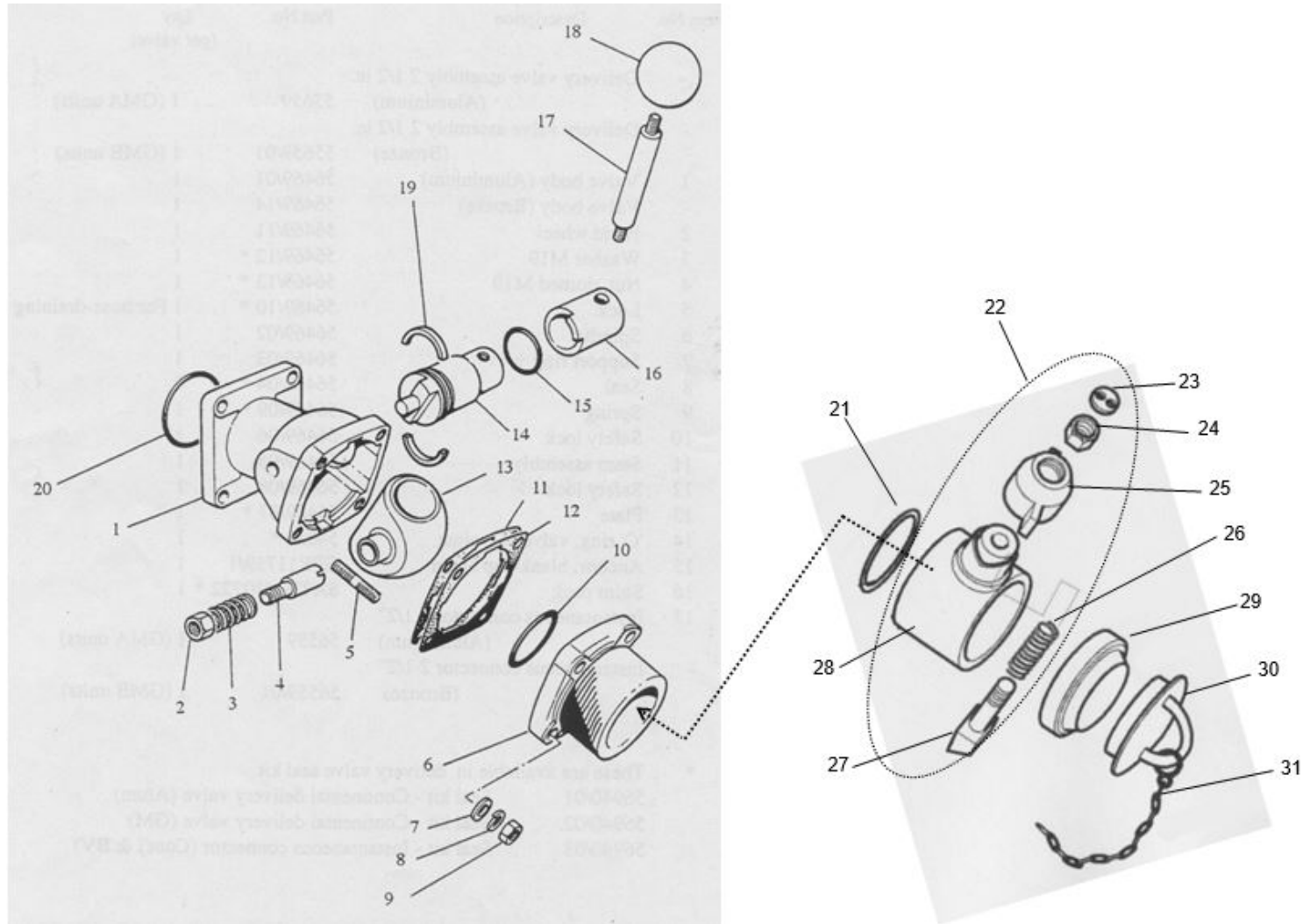
Item	Description	Quantity	Aluminium	Gunmetal	Notes
	Complete assembly	-	56544/01	56545/01	
1	Main Body	1	N/A	N/A	Valve body and connector
2	2.5" I/C Body	1	N/A	N/A	are not available separately
3	Pivot Pin	1	56979/03	56979/03	If required, order complete
4	'O' Ring	2	56979/02	56979/02	valve – see top of list
5	Circlip	2	56979/01	56979/01	
6	Screw Down Handle	1	56979/22	56979/22	Crank handle - order 56132/03
7	Domed Nut	1	56979/09	56979/09	
8	Spring Washer	1	56979/08	56979/08	
9	'O' Ring	1	56979/10	56979/10	
10	Screw Down Spindle	1	56979/16	56979/16	
11	Washer	1	56979/30	56979/30	
12	Nyloc nut	1	MS141/7	MS141/7	
13	Non Return Flap	1	56979/18	56979/19	
14	Non Return Flap Washer	1	56979/07	56979/07	
15	Retaining Washer	1	56979/06	56979/20	
16	Washer Insert	2	56979/05	56979/05	
17	Instantaneous Seal	1	FWP1003/A	FWP1003/A	
18	Twist Release Knob	1	56979/26	56979/27	
19	Release Spring	1	56979/14	56979/14	
20	Release Plunger	1	56979/13	56979/21	
21	Knob Closure bung	1	56979/31	56979/25	
22	Nyloc Nut	1	56979/32	MS141/5	
23	'O' Ring	1	56979/15	56979/15	
24	Countersunk Screw	2	56979/04	56979/04	
25	Plain Washer	1	MS125/9	MS125/9	
26	Blank cap	1	2415	2415	
27	Chain	1	TH4749	TH4749	



Delivery Valve - Ball Valve - P1 and P2

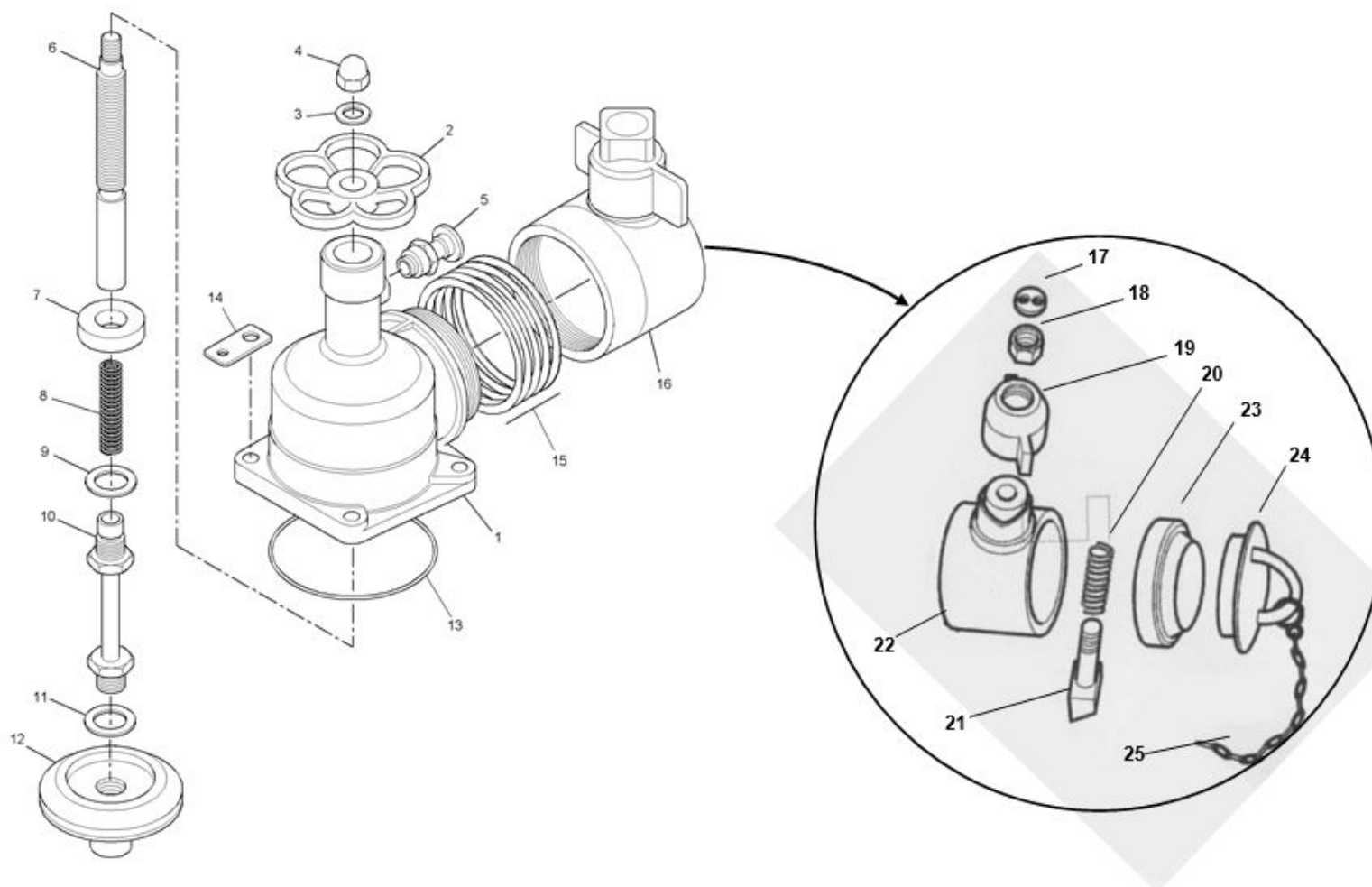
Item	Description	Quantity	Aluminium	Gunmetal	Notes
	Ball valve, LH, 2.5" instantaneous connector, complete valve		TH137	TH153/100	
	Ball valve, RH, 2.5" instantaneous connector, complete valve		TH138	TH154/100	
1	Body, delivery valve, LH	1	TH4200/A	TH4200/B	
-	Body, delivery valve, RH	1	TH4201/A	TH4201/B	
2	Nut, 5/16in UNF	1	S214/4	S214/4	
3	Spring, ball valve - Kit part 1	1	TH11205	TH11205	
4	Pivot ball	1	TH11194	TH11194	
5	Stud, 3/8in., valve cap to body	4	S165/8	S165/8	
6	Valve cap	1	TH3331/1A	TH3331/1B	
7	Washer 3/8in.	4	S21/5	S21/5	
8	Spring washer 3/8in.	4	S20/5	S20/5	
9	Nut 3/8in UNF	4	S214/5	S214/5	
10	O ring, valve seating - Kit part 1	1	THG3419	THG3419	
11	Gasket, 0.010in. thick - Kit part 1	1	TH11197	TH11197	
12	Gasket, 0.003in. thick - Kit part 1	1	TH11197/1	TH11197/1	
13	Ball valve	1	TH2258	TH2255	
14	Valve stem	1	THG3469/1	THG3469/1	
15	O ring, valve stem - Kit part 1	1	THG4086	THG4086	
16	Handle boss, LH	1	TH5372/3A	TH5372/3B	
-	Handle boss, RH	1	TH5372/1A	TH5372/1B	
17	Handle	1	TH5370/2	TH5370/2	
18	Knob, handle	1	TH1835/1A	TH1835/1A	
19	Collar, valve to stem (pair of half collars) - Kit part 1	1	TH11190	TH11190	
20	O ring, body to delivery manifold - Kit part 1	1	TH1511/A	TH1511/A	
21	Shim pack	1	SATHM10722	SATHM10722	
22	Instantaneous connector, complete assembly, includes items 22-29	1	56559	56559/01	
23	Knob closure disc	1	56979/24	56979/25	
24	Nyloc nut	1	56979/11	MS141/5	
25	Twist release knob - kit part 2	1	56979/26	56979/27	

Delivery Valve - Ball Valve - P1 and P2



Delivery Valve - Ball Valve - P1 and P2

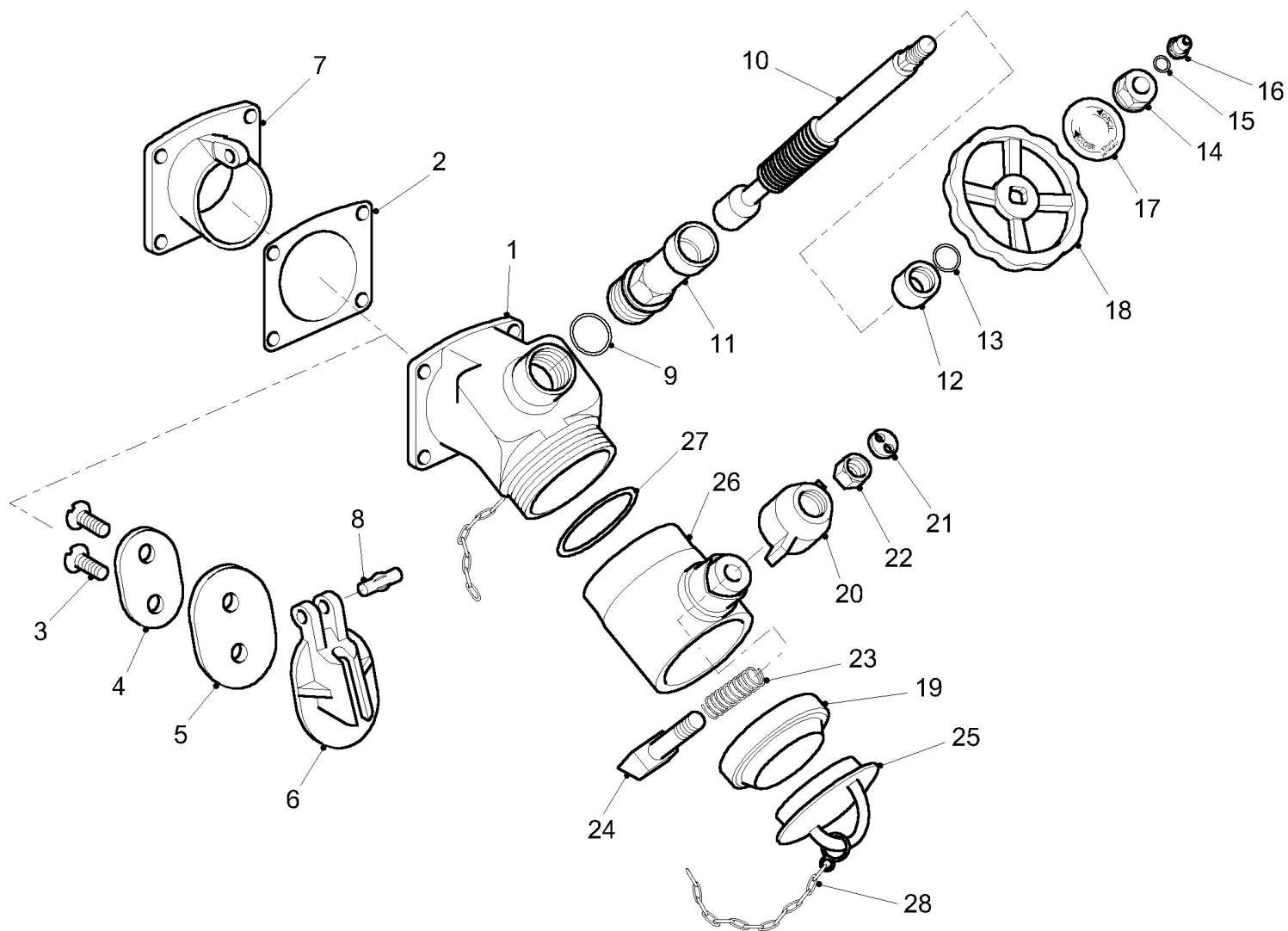
Item	Description	Quantity	Aluminium	Gunmetal	Notes
26	Release spring - Kit Part 2	1	56979/14	56979/14	
27	Release plunger	1	56979/13	56979/21	
28	2.5in Instantaneous connector body	1	56979/28	56979/23	
29	Seal - Kit Part 2	1	FWP1003/A	FWP1003/A	
30	Blank cap, rubber	1	2415	2415	
31	Chain, 9in long	1	TH4749	TH4749	
	Items 30, 31 supplied as Blank cap assembly	1	THL119/6	TH119/6	
	Kit part 1 = Part also supplied in Seal kit for valve body	1	56940/05	56940/05	
	Kit part 2 = Part also supplied in Seal kit for Instant. connector	1	56940/03	56940/03	



Item 2. For crank handle
Order assembly 56132 - includes handle and
crank handle

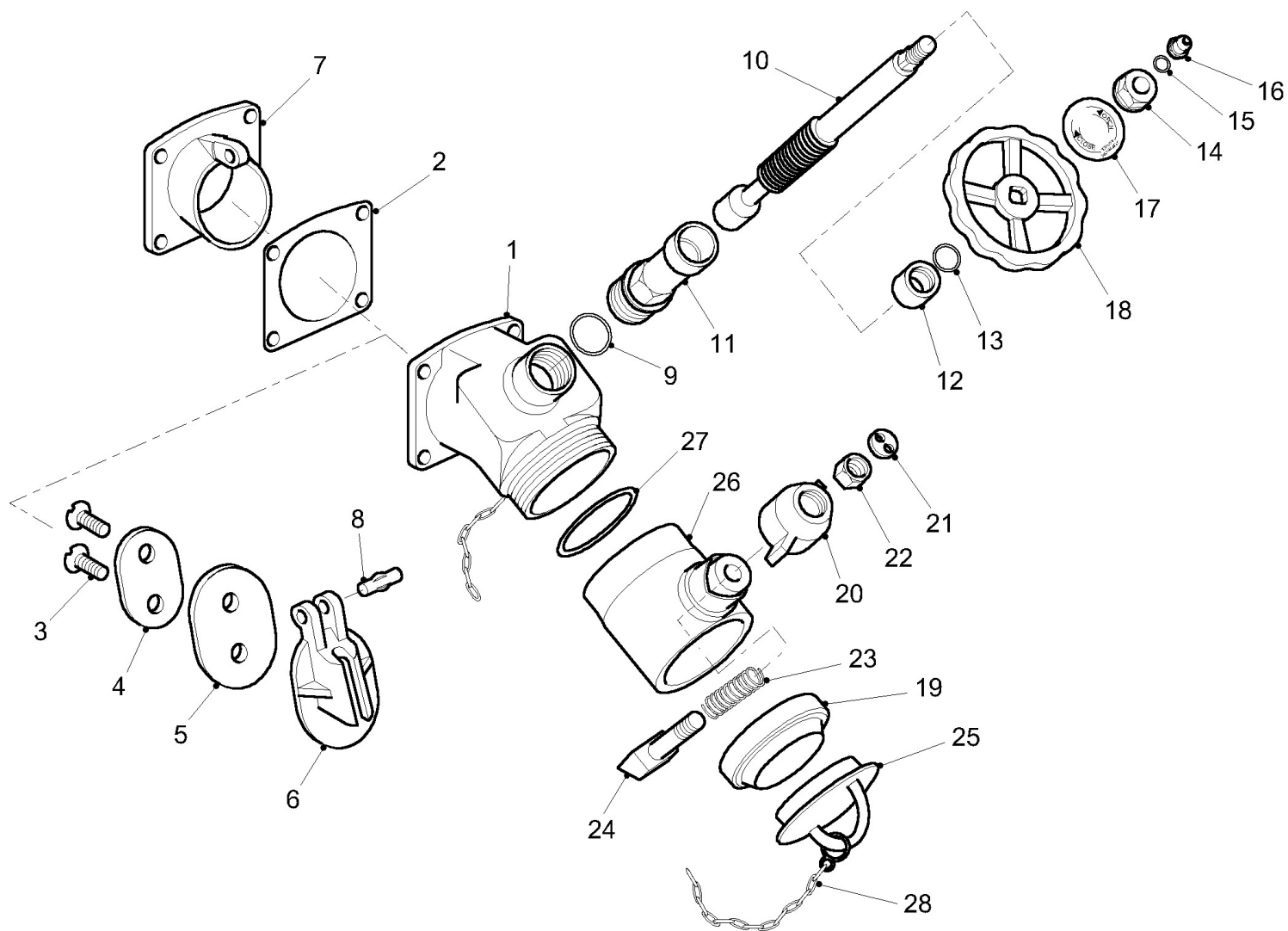
Delivery Valve - Continental Valve - P1 and P2

Item	Description	Quantity	Aluminium	Gunmetal	Notes
	Continental type valve, 2.5in instantaneous connector, complete valve		55662	55920	
1	Valve body	1	56469/01	56469/14	
2	Hand wheel	1	56469/11	56469/11	Crank handle - order 56132
3	Washer M10	1	56469/12	56469/12	
4	Nut, domed M10	1	56469/13	56469/13	
5	Lock - Kit Part 1	1	56469/10	56469/10	
6	Spindle	1	56469/02	56469/02	
7	Spindle sleeve, c/w seals - Kit Part 1	1	56469/03	56469/16	
8	Spring - Kit Part 1	1	56469/09	56469/09	
9	Safety lock	1	56469/06	56469/06	
10	Stem assembly	1	56469/05	56469/05	
11	Safety lock - Kit Part 1	1	56469/08	56469/08	
12	Plate - Kit Part 1	1	56469/07	56469/15	
13	O ring - Kit Part 1	1	61142	61142	
14	Anchor, blank cap chain - Only fitted for Storz type connectors	1	GPR11759	GPR11759	
15	Shim pack - Kit Part 2	1	SATHM10722	SATHM10722	
16	Instantaneous connector, complete assembly, items 17-23	1	56559	56559/01	
17	Knob closure disc	1	56979/24	56979/25	
18	Nyloc nut	1	56979/11	MS141/5	
19	Twist release knob	1	56979/26	56879/27	
20	Release spring - Kit Part 2	1	56979/14	56979/14	
21	Release plunger - Kit Part 2	1	56979/13	56979/21	
22	2.5in Instantaneous connector body	1	56979/28	56979/23	
23	Seal - Kit Part 2	1	FWP1003/A	FWP1003/A	
24	Blank cap, rubber	1	2415	2415	
25	Chain, 9in long	1	TH4749	TH4749	
	Items 24, 25 supplied as Blank cap assembly	1	THL119/6	TH119/6	
-	Adaptor elbow – between manifold and valve	1	60069	60069/100	
	Kit part 1 = Part also supplied in seal kit for valve body	1	56940/01	56940/02	
	Kit part 2 = Part also supplied in seal kit for instant. connector	1	56940/03	56940/03	



Delivery Valve - Dual Flow - P1 and P2

Item	Description	Quantity	Aluminium	Gunmetal	Notes
1	Valve body	1	THM10721/A	THM10721/B	
2	Joint washer	1	TH2772	TH2772	
3	Screws, countersunk	2	MS172/61	MS172/61	
4	Plate	1	THM10580	THM10580	
5	Sealing washer	1	THM10453	THM10453	
6	Valve flap	1	THM10578	THM10578/B	
7	Valve seat	1	THM10726/A	THM10726/B	
8	Hinge pin	1	TH2748	TH2748	
9	Dowty seal	1	UFP2303/11	UFP2303/11	
10	Valve rod	1	THM10451/1	THM10451/1	
11	Valve stem	1	FWP1000/1	THM10717/B	
12	Bush	1	THM10718	THM10718	
13	O ring	1	FWP8217	FWP8217	
14	Lock nut, seal	1	THM10528/1	THM10528/1	
15	Sealing washer	1	THM10597	THM10597	
16	Grease nipple	1	THM10596	THM10596	
17	Instruction plate	1	THM10600/A	THM10600/A	
18	Handwheel	1	FWP2009	FWP2009	
19	Instantaneous seal	1	FWP1003/A	FWP1003/A	
20	Twist release knob	1	56979/26	56979/26	
21	Closure disc	1	56979/24	56979/24	
22	Nyloc nut	1	56979/11	56979/11	
23	Release spring	1	56979/14	56979/14	
24	Release plunger	1	56979/13	56979/13	
25	Blank cap	1	2415	2415	
26	2.5" Instantaneous connector body	1	56979/28	56979/28	



Delivery Valve - Dual Flow - P1 and P2

Item	Description	Quantity	Aluminium	Gunmetal	Notes
27	Shim pack, contains items listed below -	1	SATHM10722	SATHM10722	
-	Shim .002" thick polyester	1	THM10722	THM10722	
-	Shim .005" thick polyester	1	THM10722/1	THM10722/1	
-	Shim .010" thick polyester	1	THM10722/2	THM10722/2	
-	Shim .030" thick polyester	1	THM10722/3	THM10722/3	
-	Shim .060" thick polyester	1	THM10722/4	THM10722/4	
28	Chain, blank cap to valve	1	TH4749	TH4749	