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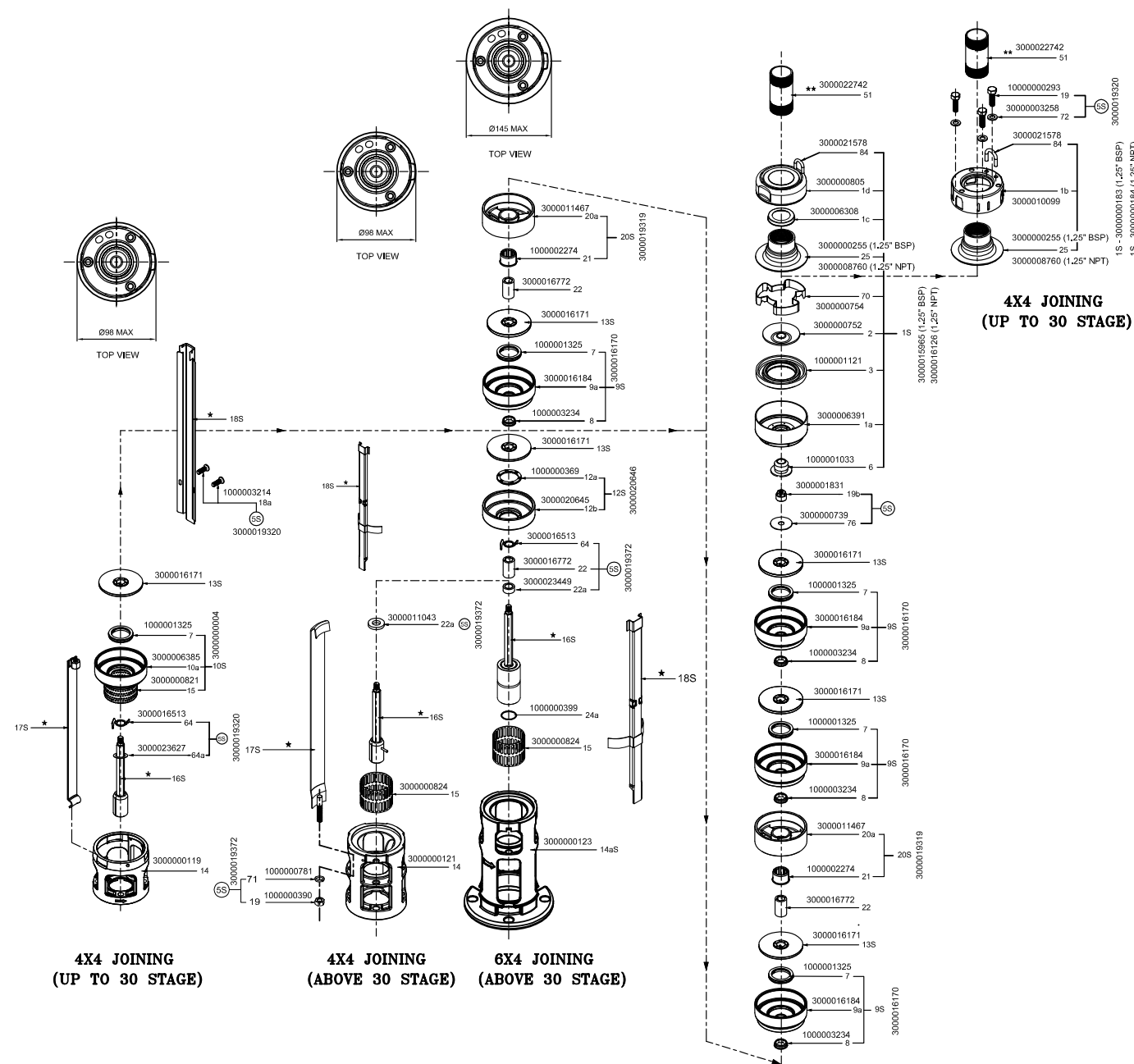
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MATERIAL SPECIFICATION QF-2 PUMP

EXPLODED VIEW QF-2 PUMP

POS.	MATERIAL CODE	DESCRIPTION	MATERIAL
1S	3000015965 (1.25" BSP)	DISCHARGE CHAMBER COMPLETE (ABOVE 30 STAGE)	N.A.
	3000016126 (1.25" NPT)		
	3000000183 (1.25" BSP)	DISCHARGE CHAMBER COMPLETE (UP TO 30 STAGE)	N.A.
	3000000184 (1.25" NPT)		
1a	3000006391	TOP DIFFUSER CUP	STAINLESS STEEL
1c	3000006308	NRV TOP CAP (ABOVE 30 STAGE)	STAINLESS STEEL
1d	3000000805	NRV TOP CUP (ABOVE 30 STAGE)	STAINLESS STEEL
1b	3000010099	NRV TOP CUP (UP TO 30 STAGE)	STAINLESS STEEL
2	3000000752	VALVE CUP	STAINLESS STEEL
3	1000001121	VALVE SEAT	SS + NBR
6	1000001033	TOP BEARING	NBR
7	1000001325	NECKRING	PTFE / PBT
8	1000003234	INTERMEDIATE BEARING	NBR
9S	3000016170	INTERMEDIATE CHAMBER COMPLETE	N.A.
9a	3000016184	INTERMEDIATE CHAMBER	STAINLESS STEEL
12S	3000020646	BOTTOM CHAMBER COMPLETE	N.A.
12a	100000369	NECKRING 1st STAGE	NBR/PPS
12b	3000020645	BOTTOM CHAMBER	STAINLESS STEEL
13S	3000016171	IMPELLER	STAINLESS STEEL
ABOVE 30 STAGE (6X4 JOINING)			
14aS	3000000123	SUCTION INTERCONNECTOR COMPLETE	STAINLESS STEEL
15	3000000824	STRAINER (6X4 , 4X4 ABOVE 30 STAGE)	STAINLESS STEEL
24a	1000000399	O-RING	NBR
16S	0	PUMP SHAFT WITH COUPLING	STAINLESS STEEL
22a	3000023449	ADJUSTING SLEEVE	STAINLESS STEEL
18S	0	CABLE GUARD (6X4)	STAINLESS STEEL
ABOVE 30 STAGE (4X4 JOINING)			
14	3000000121	SUCTION INTERCONNECTOR	STAINLESS STEEL
16S	0	PUMP SHAFT WITH COUPLING	STAINLESS STEEL
17S	0	STRAP (6X4 , 4X4)	STAINLESS STEEL
18S	0	CABLE GUARD (4X4)	STAINLESS STEEL
19	1000000390	NUT (4X4 , 6X4 ABOVE 30 STAGE)	STAINLESS STEEL
22a	3000011043	HEX WASHER	STAINLESS STEEL
71	1000000781	WASHER (CLAMPING STRIP)	STAINLESS STEEL
UP TO 30 STAGE (4X4 JOINING)			
14	3000000119	SUCTION INTERCONNECTOR	STAINLESS STEEL
17S	0	STRAP	STAINLESS STEEL
16S	0	PUMP SHAFT WITH COUPLING	STAINLESS STEEL
18S	0	CABLE GUARD	STAINLESS STEEL
18a	1000003214	CHEESE HEAD SCREW	STAINLESS STEEL
10S	3000000004	STRAINER COMPLETE	STAINLESS STEEL
10a	3000006385	STRAINER CUP	STAINLESS STEEL
15	3000000821	STRAINER	STAINLESS STEEL
19	1000000293	BOLT	STAINLESS STEEL
72	3000003258	WASHER	STAINLESS STEEL
64a	3000023627	ADJUSTING WASHER (0.5)	STAINLESS STEEL
19b	3000001831	TOP NUT	STAINLESS STEEL
20S	3000019319	INTERMEDIATE SUPPORT COMPLETE	N.A.
20a	3000011467	INTERMEDIATE SUPPORT	STAINLESS STEEL
21	1000002274	BEARING BUSH	POLY URETHINE
22	3000016772	UPPER SPACER	STAINLESS STEEL
25	3000000255 (1.25" BSP) 3000008760 (1.25" NPT)	NRV SLEEVE	STAINLESS STEEL
51	3000022742	NIPPLE	G.I.
64	3000016513	PRIMING SCREW	STAINLESS STEEL
70	3000000754	VALVE GUIDE	STAINLESS STEEL
76	3000000739	TOP WASHER	STAINLESS STEEL
84	3000021578	HOOK	STAINLESS STEEL



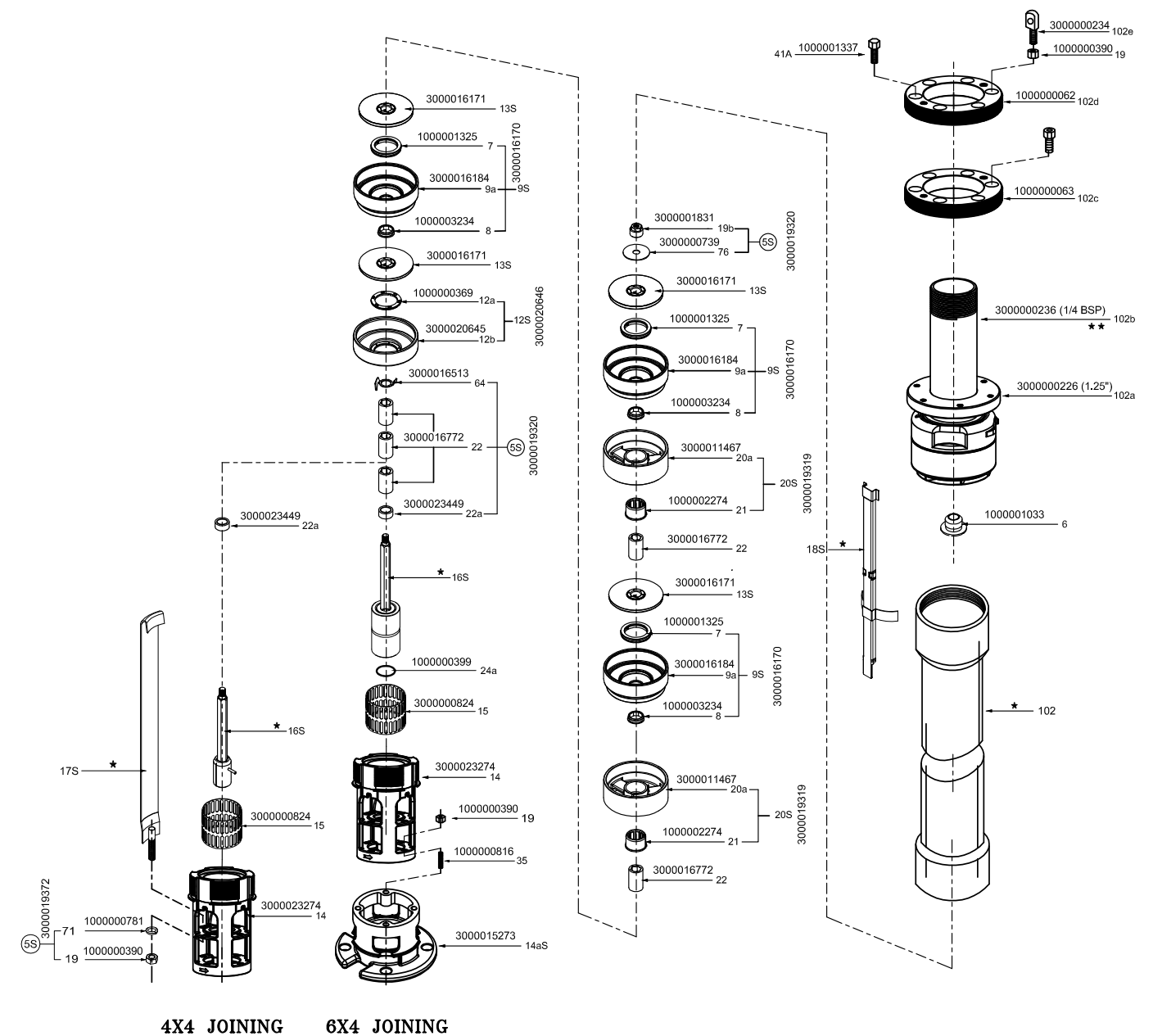
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MATERIAL SPECIFICATION QF-2 SLEEVE PUMP

EXPLODED VIEW QF-2 SLEEVE PUMP

POS.	MATERIAL CODE	DESCRIPTION	MATERIAL
6	1000001033	TOP BEARING	NBR
7	1000001325	NECKRING	PTFE/PBT
8	1000003234	INTERMEDIATE BEARING	NBR
9S	3000016170	INTERMEDIATE CHAMBER COMPLETE	N.A.
9a	3000016184	INTERMEDIATE CHAMBER	STAINLESS STEEL
12S	3000020646	BOTTOM CHAMBER COMPLETE	N.A.
12a	100000369	NECKRING 1st STAGE	NBR/PPS
12b	3000020645	BOTTOM CHAMBER	STAINLESS STEEL
13S	3000016171	IMPELLER	STAINLESS STEEL
6X4 JOINING			
14aS	3000015273	ADOPTER MC	STAINLESS STEEL
24a	1000000399	O-RING	NBR
16S	0	PUMP SHAFT WITH COUPLING	STAINLESS STEEL
35	1000000816	STUD M8X38	STAINLESS STEEL
19	1000000390	NUT M8	STAINLESS STEEL
4X4 JOINING			
14	3000023274	SUCTION INTERCONNECTOR (4X4 , 6X4)	STAINLESS STEEL
16S	0	PUMP SHAFT WITH COUPLING	STAINLESS STEEL
19	1000000390	NUT M8	STAINLESS STEEL
71	1000000781	WASHER (CLAMPING STRIP)	STAINLESS STEEL
15	3000000824	STRAINER	STAINLESS STEEL
17S	0	STRAP	STAINLESS STEEL
18S	0	CABLE GUARD	STAINLESS STEEL
19b	3000001831	TOP NUT	STAINLESS STEEL
20S	3000019319	INTERMEDIATE SUPPORT COMPLETE	N.A.
20a	3000011467	INTERMEDIATE SUPPORT	STAINLESS STEEL
21	1000002274	BEARING BUSH	POLY URETHINE
22	3000016772	UPPER SPACER	STAINLESS STEEL
22a	3000023449	ADJUSTING WASHER	STAINLESS STEEL
64	3000016513	PRIMING SCREW	STAINLESS STEEL
76	3000000739	TOP WASHER	STAINLESS STEEL
102	0 *	PUMP SLEEVE	STAINLESS STEEL
102a	3000000226 (1.25")	PIPE FLANGE	STAINLESS STEEL
102b	3000000236 (1/4 BSP)	NIPPLE	STAINLESS STEEL
102c	1000000063	COUNTER FLANGE	BRASS
102d	1000000062	FLANGE	BRASS
102e	3000000234	EYE BOLT M8	STAINLESS STEEL
41A	10000001337	ALLEN BOLT M8X20MM	STAINLESS STEEL

NOTE:- NIPPLE USE ONLY IN INDIA

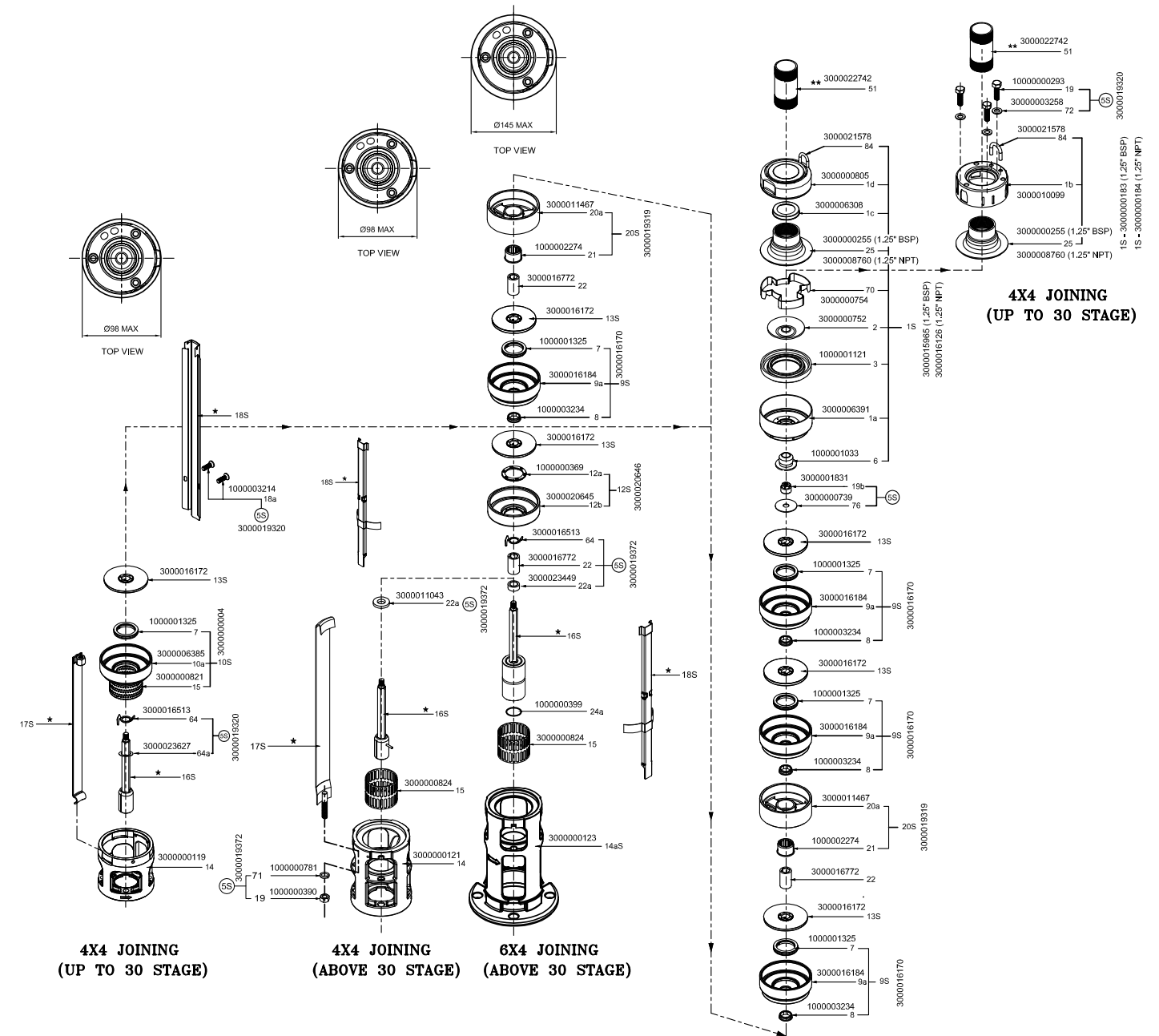


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MATERIAL SPECIFICATION QF-5 PUMP

EXPLODED VIEW QF-5 PUMP

POS.	MATERIAL CODE	DESCRIPTION	MATERIAL
1S	3000015965 (1.25" BSP)	DISCHARGE CHAMBER COMPLETE (ABOVE 30 STAGE)	N.A.
	3000016126 (1.25" NPT)		
	3000000183 (1.25" BSP)	DISCHARGE CHAMBER COMPLETE (UP TO 30 STAGE)	N.A.
	3000000184 (1.25" NPT)		
1a	3000006391	TOP DIFFUSER CUP	STAINLESS STEEL
1c	3000006308	NRV TOP CAP (ABOVE 30 STAGE)	STAINLESS STEEL
1d	3000000805	NRV TOP CUP (ABOVE 30 STAGE)	STAINLESS STEEL
1b	3000010099	NRV TOP CUP (UP TO 30 STAGE)	STAINLESS STEEL
2	3000000752	VALVE CUP	STAINLESS STEEL
3	1000001121	VALVE SEAT	SS + NBR
6	1000001033	TOP BEARING	NBR
7	1000001325	NECKRING	PTFE / PBT
8	1000003234	INTERMEDIATE BEARING	NBR
9S	3000016170	INTERMEDIATE CHAMBER COMPLETE	N.A.
9a	3000016184	INTERMEDIATE CHAMBER	STAINLESS STEEL
12S	3000020646	BOTTOM CHAMBER COMPLETE	N.A.
12a	100000369	NECKRING 1st STAGE	NBR/PPS
12b	3000020645	BOTTOM CHAMBER	STAINLESS STEEL
13S	3000016172	IMPELLER	STAINLESS STEEL
ABOVE 30 STAGE (6X4 JOINING)			
14aS	3000000123	SUCTION INTERCONNECTOR COMPLETE	STAINLESS STEEL
15	3000000824	STRAINER (6X4 , 4X4 ABOVE 30 STAGE)	STAINLESS STEEL
24a	1000000399	O-RING	NBR
16S	0	PUMP SHAFT WITH COUPLING	STAINLESS STEEL
22a	3000023449	ADJUSTING SLEEVE	STAINLESS STEEL
18S	0	CABLE GUARD (6X4)	STAINLESS STEEL
ABOVE 30 STAGE (4X4 JOINING)			
14	3000000121	SUCTION INTERCONNECTOR	STAINLESS STEEL
16S	0	PUMP SHAFT WITH COUPLING	STAINLESS STEEL
17S	0	STRAP (6X4 , 4X4)	STAINLESS STEEL
18S	0	CABLE GUARD (4X4)	STAINLESS STEEL
19	1000000390	NUT (4X4 , 6X4 ABOVE 30 STAGE)	STAINLESS STEEL
71	1000000781	WASHER (CLAMPING STRIP)	STAINLESS STEEL
22a	3000011043	HEX WASHER	STAINLESS STEEL
UP TO 30 STAGE (4X4 JOINING)			
14	3000000119	SUCTION INTERCONNECTOR	STAINLESS STEEL
17S	0	STRAP	STAINLESS STEEL
16S	0	PUMP SHAFT WITH COUPLING	STAINLESS STEEL
18S	0	CABLE GUARD	STAINLESS STEEL
18a	1000003214	CHEESE HEAD SCREW (M4X6)	STAINLESS STEEL
10S	3000000004	STRAINER CUP COMPLETE	STAINLESS STEEL
10a	3000006385	STRAINER CUP	STAINLESS STEEL
15	3000000821	STRAINER	STAINLESS STEEL
19	1000000293	BOLT	STAINLESS STEEL
72	3000003258	WASHER	STAINLESS STEEL
64a	3000023627	ADJUSTING WASHER (0.5)	STAINLESS STEEL
19b	3000001831	TOP NUT	STAINLESS STEEL
20S	3000019319	INTERMEDIATE SUPPORT COMPLETE	N.A.
20a	3000011467	INTERMEDIATE SUPPORT	STAINLESS STEEL
21	1000002274	BEARING BUSH	POLY URETHINE
22	3000016772	UPPER SPACER	STAINLESS STEEL
25	3000000255 (1.25" BSP)	NRV SLEEVE	STAINLESS STEEL
	3000008760 (1.25" NPT)		
51	3000022742	NIPPLE	G.I.
64	3000016513	PRIMING SCREW	STAINLESS STEEL
70	3000000754	VALVE GUIDE	STAINLESS STEEL
76	3000000739	TOP WASHER	STAINLESS STEEL
84	3000021578	HOOK	STAINLESS STEEL

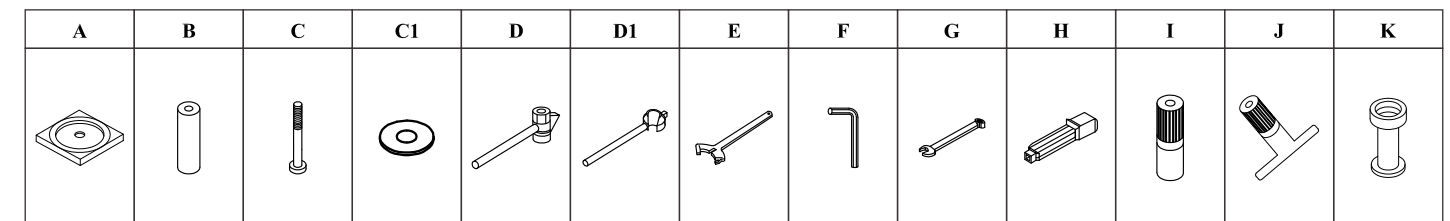
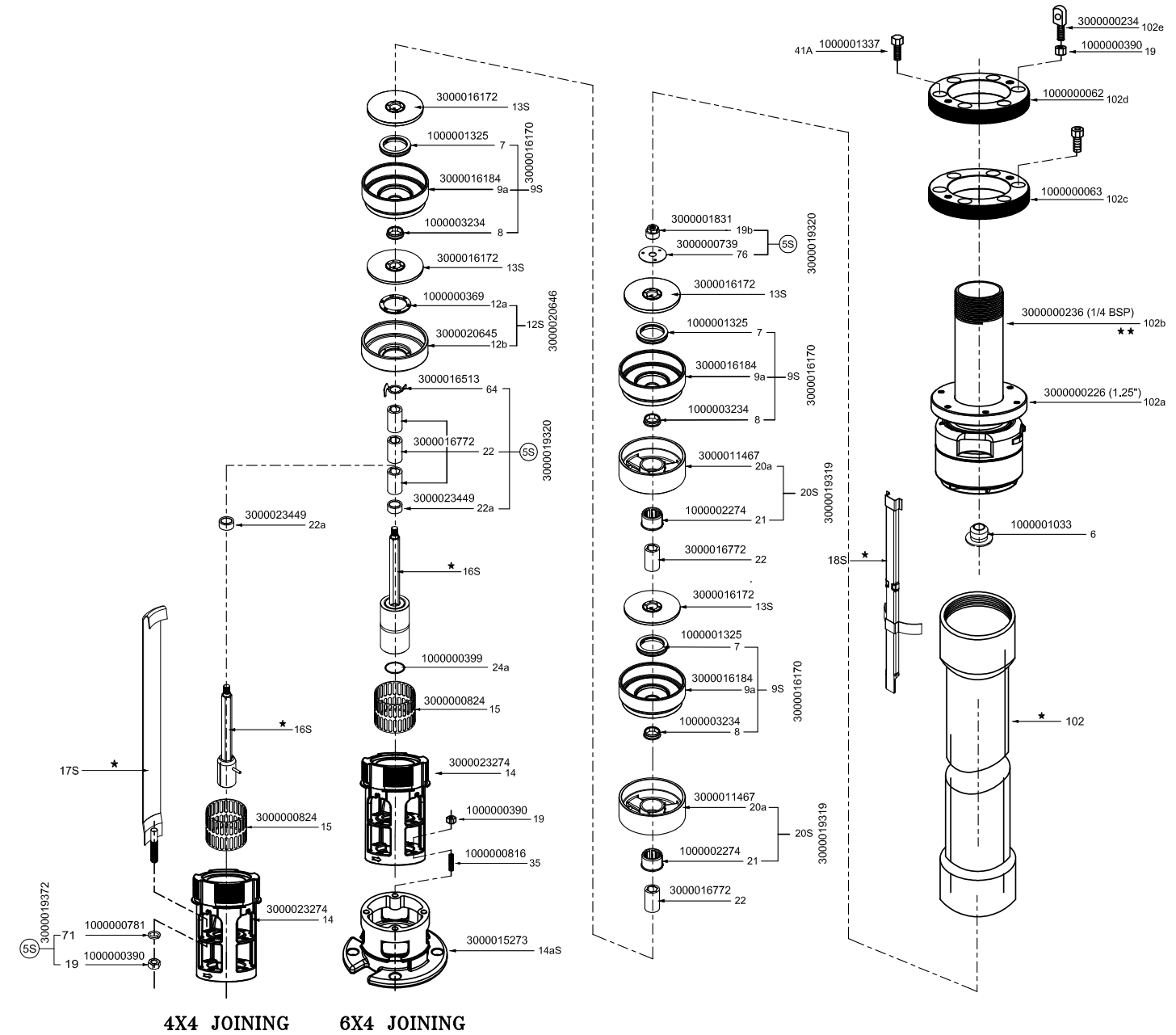


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MATERIAL SPECIFICATION QF-5 SLEEVE PUMP

EXPLODED VIEW QF-5 SLEEVE PUMP

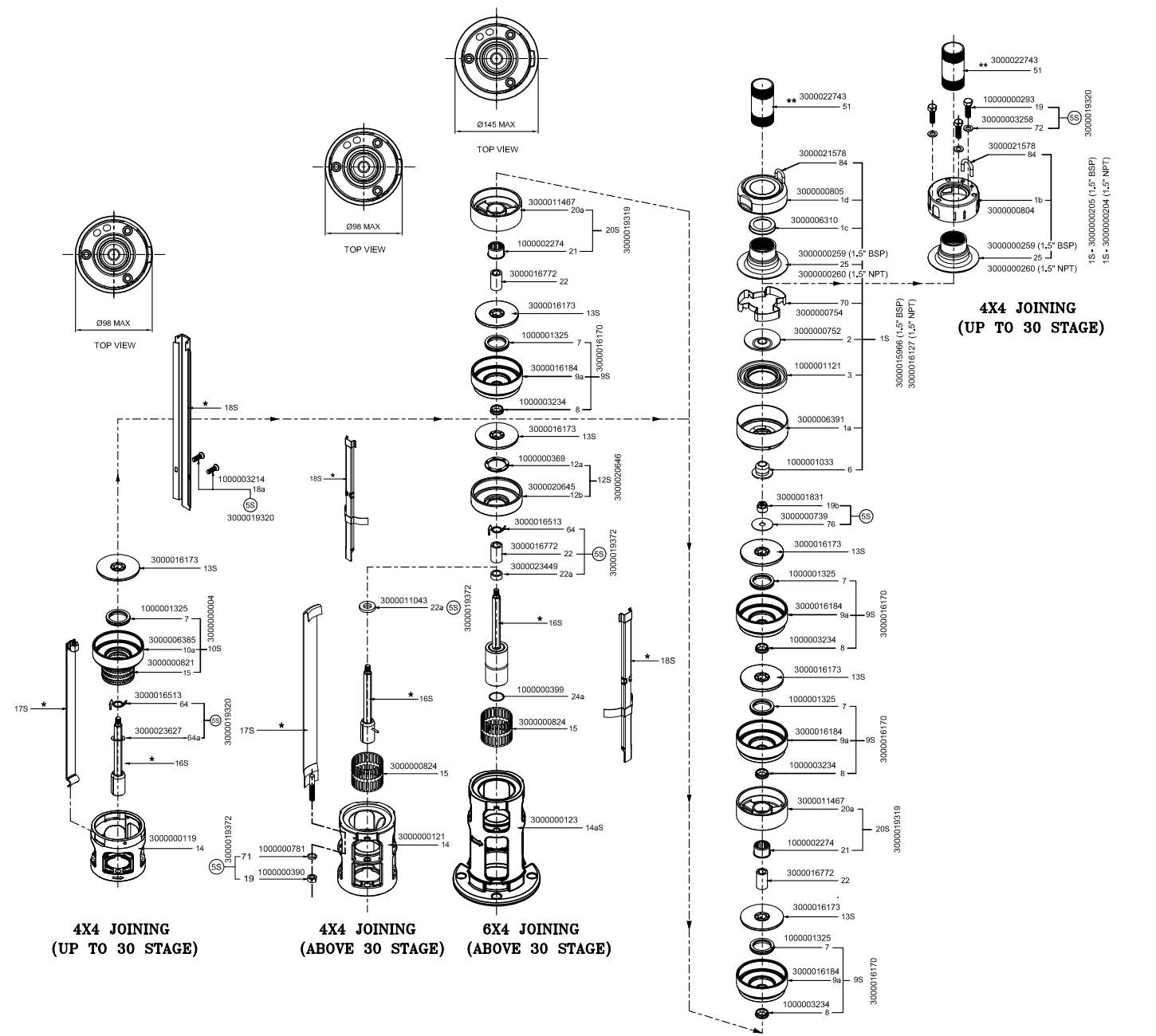
POS.	MATERIAL CODE	DESCRIPTION	MATERIAL
6	1000001033	TOP BEARING	NBR
7	1000001325	NECKRING	PTFE / PBT
8	1000003234	INTERMEDIATE BEARING	NBR
9S	3000016170	INTERMEDIATE CHAMBER COMPLETE	N.A.
9a	3000016184	INTERMEDIATE CHAMBER	STAINLESS STEEL
12S	3000020646	BOTTOM CHAMBER COMPLETE	N.A.
12a	1000000369	NECKRING 1st STAGE	NBR/PPS
12b	3000020645	BOTTOM CHAMBER	STAINLESS STEEL
13S	3000016172	IMPELLER	STAINLESS STEEL </td
6X4 JOINING			
14aS	3000015273	ADOPTER MC	STAINLESS STEEL
24a	1000000399	O-RING	NBR
16S	0	PUMP SHAFT WITH COUPLING	STAINLESS STEEL
35	1000000816	STUD M8X38	STAINLESS STEEL
19	1000000390	NUT M8	STAINLESS STEEL
4X4 JOINING			
14	3000023274	SUCTION INTERCONNECTOR (4X4 , 6X4)	STAINLESS STEEL
16S	0	PUMP SHAFT WITH COUPLING	STAINLESS STEEL
19	1000000390	NUT M8	STAINLESS STEEL
71	1000000781	WASHER (CLAMPING STRIP)	STAINLESS STEEL
15	3000000824	STRAINER	STAINLESS STEEL
17S	0	STRAP	STAINLESS STEEL
18S	0	CABLE GUARD	STAINLESS STEEL
19b	3000001831	TOP NUT	STAINLESS STEEL
20S	3000019319	INTERMEDIATE SUPPORT COMPLETE	N.A.
20a	3000011467	INTERMEDIATE SUPPORT	STAINLESS STEEL
21	1000002274	BEARING BUSH	POLY URETHINE
22	3000016772	UPPER SPACER	STAINLESS STEEL
22a	3000023449	ADJUSTING WASHER	STAINLESS STEEL
64	3000016513	PRIMING SCREW	STAINLESS STEEL
76	3000000739	TOP WASHER	STAINLESS STEEL
102	0 *	PUMP SLEEVE	STAINLESS STEEL
102a	30000000226 (1.25")	PIPE FLANGE	STAINLESS STEEL
102b	3000000236 (1/4 BSP)	NIPPLE	STAINLESS STEEL
102c	1000000063	COUNTER FLANGE	BRASS
102d	1000000062	FLANGE	BRASS
102e	3000000234	EYE BOLT M8	STAINLESS STEEL
41A	10000001337	ALLEN BOLT M8X20MM	STAINLESS STEEL



MATERIAL SPECIFICATION QF-6 PUMP

EXPLODED VIEW QF-6 PUMP

POS.	MATERIAL CODE	DESCRIPTION	MATERIAL
1S	3000015966 (1.5" BSP)	DISCHARGE CHAMBER COMPLETE (ABOVE 30 STAGE)	N.A.
	3000016127 (1.5" NPT)	DISCHARGE CHAMBER COMPLETE (UP TO 30 STAGE)	N.A.
	3000000205 (1.5" BSP)	DISCHARGE CHAMBER COMPLETE (UP TO 30 STAGE)	N.A.
	3000000204 (1.5" NPT)	DISCHARGE CHAMBER COMPLETE (UP TO 30 STAGE)	N.A.
1a	3000006391	TOP DIFFUSER CUP	STAINLESS STEEL
1c	3000006310	NRV TOP CAP (ABOVE 30 STAGE)	STAINLESS STEEL
1d	3000000805	NRV TOP CUP (ABOVE 30 STAGE)	STAINLESS STEEL
1b	3000000804	NRV TOP CUP (UP TO 30 STAGE)	STAINLESS STEEL
2	3000000752	VALVE CUP	STAINLESS STEEL
3	1000001121	VALVE SEAT	SS + NBR
6	1000001033	TOP BEARING	NBR
7	1000001325	NECKRING	PTFE / PBT
8	1000003234	INTERMEDIATE BEARING	NBR
9S	3000016170	INTERMEDIATE CHAMBER COMPLETE	N.A.
9a	3000016184	INTERMEDIATE CHAMBER	STAINLESS STEEL
12S	3000020646	BOTTOM CHAMBER COMPLETE	N.A.
12a	100000369	NECKRING 1st STAGE	NBR/PPS
12b	3000020645	BOTTOM CHAMBER	STAINLESS STEEL
13S	3000016173	IMPELLER	STAINLESS STEEL
ABOVE 30 STAGE (6X4 JOINING)			
14aS	3000000123	SUCTION INTERCONNECTOR COMPLETE	STAINLESS STEEL
15	3000000824	STRAINER (6X4 , 4X4 ABOVE 30 STAGE)	STAINLESS STEEL
24a	1000000399	O-RING	NBR
16S	0	PUMP SHAFT WITH COUPLING	STAINLESS STEEL
22a	3000023449	ADJUSTING SLEEVE	STAINLESS STEEL
18S	0	CABLE GUARD (6X4)	STAINLESS STEEL
ABOVE 30 STAGE (4X4 JOINING)			
14	3000000121	SUCTION INTERCONNECTOR	STAINLESS STEEL
16S	0	PUMP SHAFT WITH COUPLING	STAINLESS STEEL
17S	0	STRAP (6X4 , 4X4)	STAINLESS STEEL
18S	0	CABLE GUARD (4X4)	STAINLESS STEEL
19	1000000390	NUT (4X4 , 6X4 ABOVE 30 STAGE)	STAINLESS STEEL
22a	3000011043	HEX WASHER	STAINLESS STEEL
71	1000000781	WASHER (CLAMPING STRIP)	STAINLESS STEEL
UP TO 30 STAGE (4X4 JOINING)			
14	3000000119	SUCTION INTERCONNECTOR	STAINLESS STEEL
17S	0	STRAP	STAINLESS STEEL
16S	0	PUMP SHAFT WITH COUPLING	STAINLESS STEEL
18S	0	CABLE GUARD	STAINLESS STEEL
18a	1000003214	CHEESE HEAD SCREW (M4X6)	STAINLESS STEEL
10S	3000000004	STRAINER CUP COMPLETE	STAINLESS STEEL
10a	3000006385	STRAINER CUP	STAINLESS STEEL
15	3000000821	STRAINER	STAINLESS STEEL
19	1000000293	BOLT	STAINLESS STEEL
72	3000003258	WASHER	STAINLESS STEEL
64a	3000023627	ADJUSTING WASHER (0.5)	STAINLESS STEEL
19b	3000001831	TOP NUT	STAINLESS STEEL
20S	3000019319	INTERMEDIATE SUPPORT COMPLETE	N.A.
20a	3000011467	INTERMEDIATE SUPPORT	STAINLESS STEEL
21	1000002274	BEARING BUSH	POLY URETHINE
22	3000016772	UPPER SPACER	STAINLESS STEEL
25	3000000259 (1.5" BSP)	NRV SLEEVE	STAINLESS STEEL
	3000000260 (1.5" NPT)		
51	3000022743	NIPPLE	G.I.
64	3000016513	PRIMING SCREW	STAINLESS STEEL
70	3000000754	VALVE GUIDE	STAINLESS STEEL
76	3000000739	TOP WASHER	STAINLESS STEEL
84	3000021578	HOOK	STAINLESS STEEL

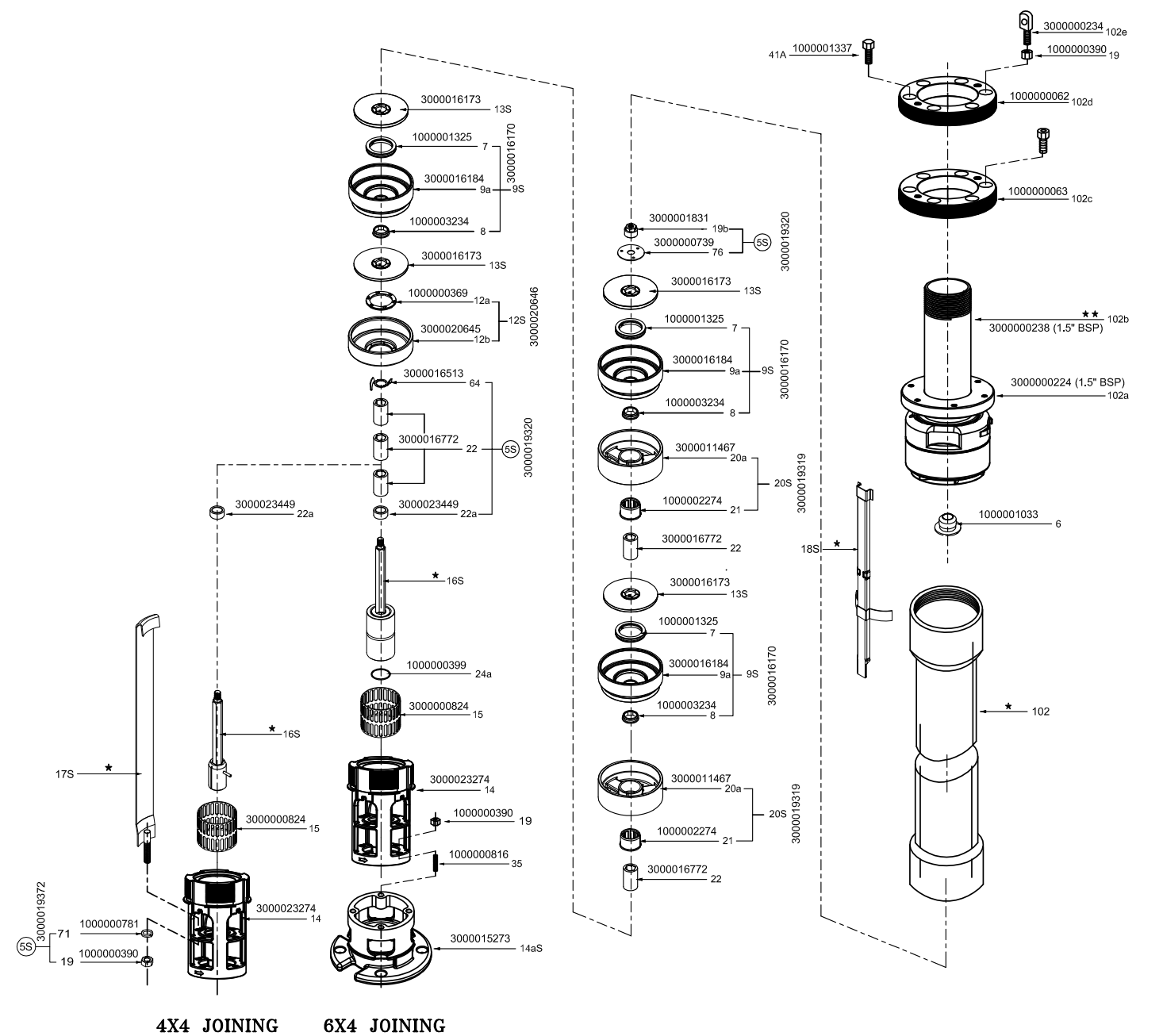


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MATERIAL SPECIFICATION QF-6 SLEEVE PUMP

EXPLODED VIEW QF-6 SLEEVE PUMP

POS.	MATERIAL CODE	DESCRIPTION	MATERIAL
6	1000001033	TOP BEARING	NBR
7	1000001325	NECKRING	PTFE / PBT
8	1000003234	INTERMEDIATE BEARING	NBR
9S	3000016170	INTERMEDIATE CHAMBER COMPLETE	N.A.
9a	3000016184	INTERMEDIATE CHAMBER	STAINLESS STEEL
12S	3000020646	BOTTOM CHAMBER COMPLETE	N.A.
12a	1000000369	NECKRING 1st STAGE	NBR/PPS
12b	3000020645	BOTTOM CHAMBER	STAINLESS STEEL
13S	3000016173	IMPELLER	STAINLESS STEEL
6X4 JOINING			
14aS	3000015273	ADOPTER MC	STAINLESS STEEL
24a	1000000399	O-RING	NBR
16S	0	PUMP SHAFT WITH COUPLING	STAINLESS STEEL
35	1000000816	STUD M8X38	STAINLESS STEEL
19	1000000390	NUT M8	STAINLESS STEEL
4X4 JOINING			
14	3000023274	SUCTION INTERCONNECTOR (4X4 , 6X4)	STAINLESS STEEL
16S	0	PUMP SHAFT WITH COUPLING	STAINLESS STEEL
19	1000000390	NUT M8	STAINLESS STEEL
71	1000000781	WASHER (CLAMPING STRIP)	STAINLESS STEEL
15	3000000824	STRAINER	STAINLESS STEEL
17S	0	STRAP	STAINLESS STEEL
18S	0	CABLE GUARD	STAINLESS STEEL
19b	3000001831	TOP NUT	STAINLESS STEEL
20S	3000019319	INTERMEDIATE SUPPORT COMPLETE	N.A.
20a	3000011467	INTERMEDIATE SUPPORT	STAINLESS STEEL
21	1000002274	BEARING BUSH	POLY URETHINE
22	3000016772	UPPER SPACER	STAINLESS STEEL
22a	3000023449	ADJUSTING WASHER	STAINLESS STEEL
64	3000016513	PRIMING SCREW	STAINLESS STEEL
76	3000000739	TOP WASHER	STAINLESS STEEL
102	0 *	PUMP SLEEVE	STAINLESS STEEL
102a	30000000224 (1.5" BSP)	PIPE FLANGE	STAINLESS STEEL
102b	3000000238 (1.5" BSP)	NIPPLE	STAINLESS STEEL
102c	1000000063	COUNTER FLANGE	BRASS
102d	1000000062	FLANGE	BRASS
102e	3000000234	EYE BOLT M8	STAINLESS STEEL
41A	10000001337	ALLEN BOLT M8X20MM	STAINLESS STEEL

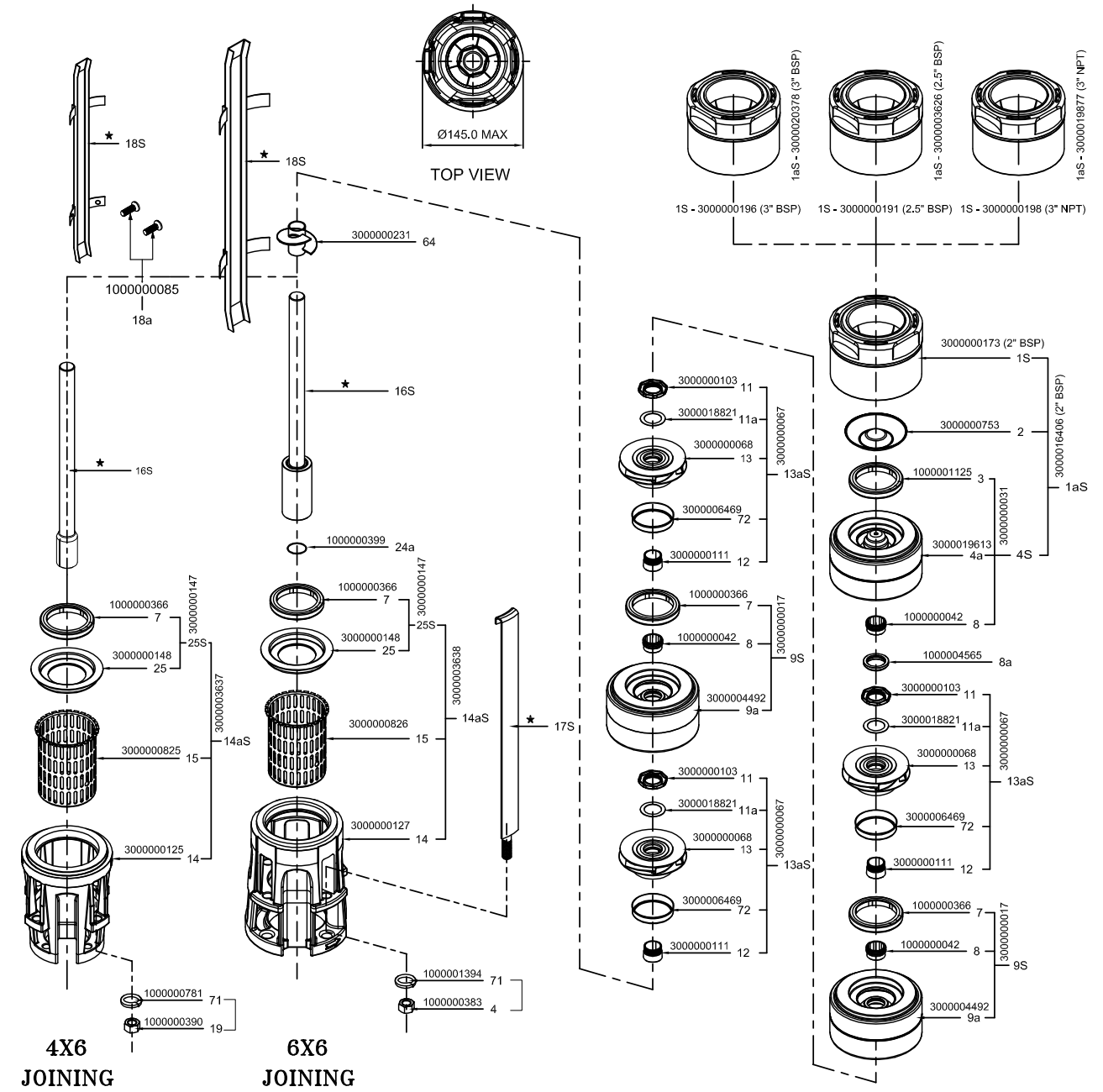


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MATERIAL SPECIFICATION QF-10 PUMP

POS.	MATERIAL CODE	DESCRIPTION	MATERIAL
1S	300000191 (2.5" BSP)	VALVE CASING	STAINLESS STEEL
	300000196 (3.0" BSP)		
	300000198 (3.0" NPT)		
	300000173 (2.0" BSP)		
1aS	3000003626 (2.5" BSP)	DISCHARGE CHAMBER COMPLETE	N.A.
	3000020378 (3.0" BSP)		
	3000019877 (3.0" NPT)		
	3000016406 (2.0" BSP)		
2	300000753	VALVE CONE	STAINLESS STEEL
3	1000001125	VALVE SEAT	SS + NBR
4S	3000000031	TOP INTERMEDIATE CHAMBER COMPLETE	N.A.
4a	3000019613	TOP INTERMEDIATE CHAMBER	STAINLESS STEEL
7	1000000366	NECKRING	NBR/PPS
8	1000000042	BEARING	NBR
8a	1000004565	SPACING WASHER	TEFLON
9S	3000000017	INTERMEDIATE CHAMBER COMPLETE	N.A.
9a	3000004492	INTERMEDIATE CHAMBER	STAINLESS STEEL
11	3000000103	SPLIT CONE NUT	STAINLESS STEEL
11a	3000018821	SPLIT CONE WASHER	STAINLESS STEEL
12	3000000111	SPLIT CONE	STAINLESS STEEL
13aS	3000000067	IMPELLER COMPLETE	STAINLESS STEEL
13	3000000068	IMPELLER	STAINLESS STEEL
4X6 JOINING			
14aS	3000003637	SUCTION INTERCONNECTOR COMPLETE	N.A.
14	3000000125	SUCTION INTERCONNECTOR	STAINLESS STEEL
15	3000000825	STRAINER	STAINLESS STEEL
16S	0	PUMP SHAFT WITH COUPLING	STAINLESS STEEL
19	1000000390	NUT	STAINLESS STEEL
71	1000000781	WASHER	STAINLESS STEEL
17S	0	STRAP	STAINLESS STEEL
18S	0	CABLE GUARD	STAINLESS STEEL
18a	1000000085	SCREW FOR CABLE GUARD	STAINLESS STEEL
6X6 JOINING			
14aS	3000003638	SUCTION INTERCONNECTOR COMPLETE	N.A.
14	3000000127	SUCTION INTERCONNECTOR	STAINLESS STEEL
15	3000000826	STRAINER	STAINLESS STEEL
16S	0	PUMP SHAFT WITH COUPLING	STAINLESS STEEL
24a	1000000399	O-Ring	NBR
4	1000000383	NUT (6X6 , 8X6)	STAINLESS STEEL
71	1000001394	WASHER	STAINLESS STEEL
17S	0	STRAP	STAINLESS STEEL
18S	0	CABLE GUARD	STAINLESS STEEL
25S	3000000147	NECKRING CUP ASSLY	N.A.
25	3000000148	NECKRING RETAINER	STAINLESS STEEL
64	3000000231	PRIMING SCREW	STAINLESS STEEL
72	3000006469	WEAR RING	STAINLESS STEEL

EXPLODED VIEW QF-10 PUMP

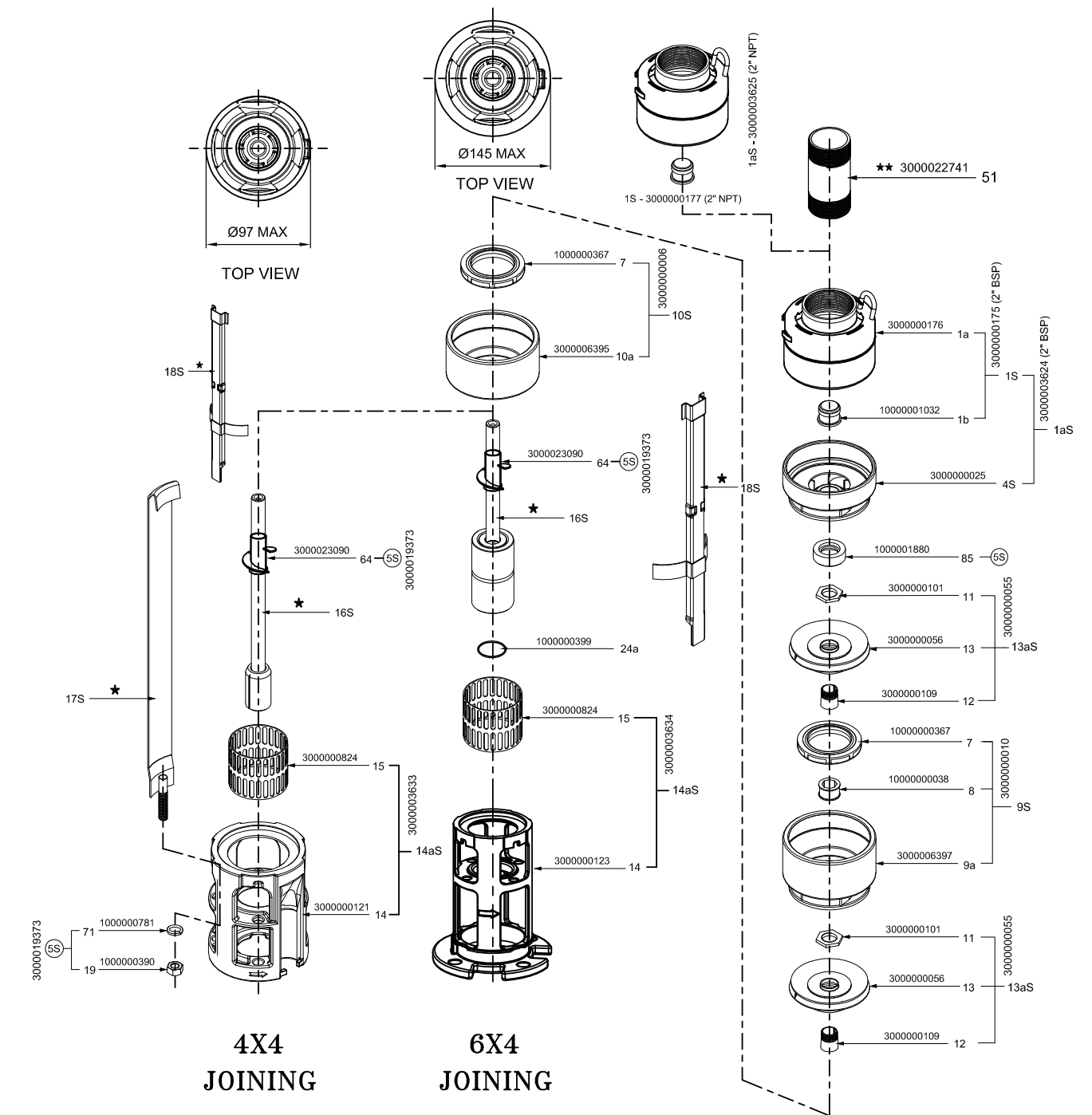


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MATERIAL SPECIFICATION QF-12 (12.7) PUMP

EXPLODED VIEW QF-12 (12.7) PUMP

POS.	MATERIAL CODE	DESCRIPTION	MATERIAL
1aS	3000003624 (2' BSP) 3000003625 (2' NPT)	DISCHARGE CHAMBER COMPLETE	N.A.
1S	300000175 (2" BSP) 300000177 (2" NPT)	VALVE CASING COMPLETE	N.A.
1a	3000000176	VALVE CASING	STAINLESS STEEL
1b	1000001032	TOP BEARING	NBR
4S	3000000025	TOP CHAMBER	STAINLESS STEEL
7	1000000367	NECKRING	NBR/PPS
8	1000000038	INTERMEDIATE BEARING	NBR
9S	3000000010	INTERMEDIATE CHAMBER COMPLETE	N.A.
9a	3000006397	INTERMEDIATE CHAMBER	STAINLESS STEEL
10S	3000000006	BOTTOM CHAMBER COMPLETE	N.A.
10a	3000006395	BOTTOM CHAMBER	STAINLESS STEEL
11	3000000101	SPLIT CONE NUT	STAINLESS STEEL
12	3000000109	SPLIT CONE	STAINLESS STEEL
13aS	3000000055	IMPELLER COMPLETE	STAINLESS STEEL
13	3000000056	IMPELLER	STAINLESS STEEL
4X4 JOINING			
14aS	3000003633	SUCTION INTERCONNECTOR COMPLETE	STAINLESS STEEL
14	3000000121	SUCTION INTERCONNECTOR	STAINLESS STEEL
16S	0	PUMP SHAFT WITH COUPLING	STAINLESS STEEL
18S	0	CABLE GUARD (4X4)	STAINLESS STEEL
6X4 JOINING			
14aS	3000003634	SUCTION INTERCONNECTOR COMPLETE	STAINLESS STEEL
14	3000000123	SUCTION INTERCONNECTOR	STAINLESS STEEL
16S	0	PUMP SHAFT WITH COUPLING	STAINLESS STEEL
24a	1000000399	O-RING	NBR
18S	0	CABLE GUARD (6X4)	STAINLESS STEEL
15	3000000824	STRAINER	STAINLESS STEEL
17S	0	STRAP	STAINLESS STEEL
19	1000000390	NUT	STAINLESS STEEL
51	3000022741	NIPPLE	G.I.
64	3000023090	PRIMING SCREW	STAINLESS STEEL
71	1000000781	WASHER	STAINLESS STEEL
85	1000001880	STOP RING	TEFLON

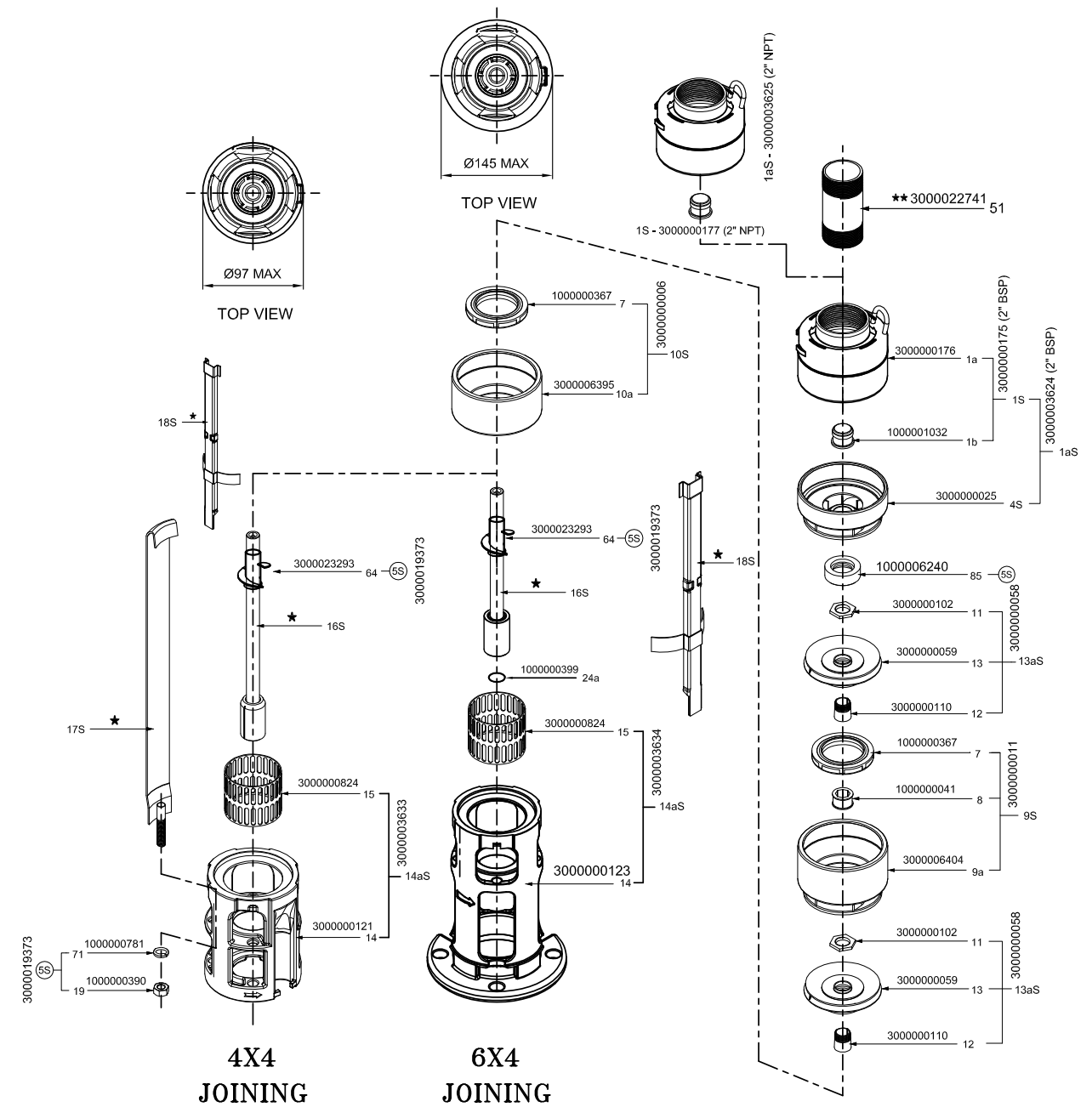


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MATERIAL SPECIFICATION QF-12 (16.0) PUMP

EXPLODED VIEW QF-12 (16.0) PUMP

POS.	MATERIAL CODE	DESCRIPTION	MATERIAL
1aS	3000003624 (2" BSP)	DISCHARGE CHAMBER COMPLETE	N.A.
	3000003625 (2" NPT)		
1S	3000000175 (2" BSP)	VALVE CASING COMPLETE	N.A.
	3000000177 (2" NPT)		
1a	3000000176	VALVE CASING	STAINLESS STEEL
1b	1000001032	TOP BEARING	NBR
4S	3000000025	TOP CHAMBER	STAINLESS STEEL
7	1000000367	NECKRING	NBR/PPS
8	1000000041	INTERMEDIATE BEARING	NBR
9S	3000000011	INTERMEDIATE CHAMBER COMPLETE	N.A.
9a	3000006404	INTERMEDIATE CHAMBER	STAINLESS STEEL
10S	3000000006	BOTTOM CHAMBER COMPLETE	N.A.
10a	3000006395	BOTTOM CHAMBER	STAINLESS STEEL
11	3000000102	SPLIT CONE NUT	STAINLESS STEEL
12	3000000110	SPLIT CONE	STAINLESS STEEL
13aS	3000000058	IMPELLER COMPLETE	STAINLESS STEEL
13	3000000059	IMPELLER	STAINLESS STEEL
4X4 JOINING			
14aS	3000003633	SUCTION INTERCONNECTOR COMPLETE	STAINLESS STEEL
14	3000000121	SUCTION INTERCONNECTOR	STAINLESS STEEL
16S	0	PUMP SHAFT WITH COUPLING	STAINLESS STEEL
18S	0	CABLE GUARD	STAINLESS STEEL
6X4 JOINING			
14aS	3000003634	SUCTION INTERCONNECTOR COMPLETE	STAINLESS STEEL
14	3000000123	SUCTION INTERCONNECTOR	STAINLESS STEEL
16S	0	PUMP SHAFT WITH COUPLING	STAINLESS STEEL
24a	1000000399	O-RING	NBR
18S	0	CABLE GUARD	STAINLESS STEEL
15	3000000824	STRAINER	STAINLESS STEEL
17S	0	STRAP	STAINLESS STEEL
19	1000000390	NUT	STAINLESS STEEL
51	3000022741	NIPPLE	G.I.
64	3000023293	PRIMING SCREW	STAINLESS STEEL
71	1000000781	WASHER	STAINLESS STEEL
85	1000006240	STOP RING	TEFLON

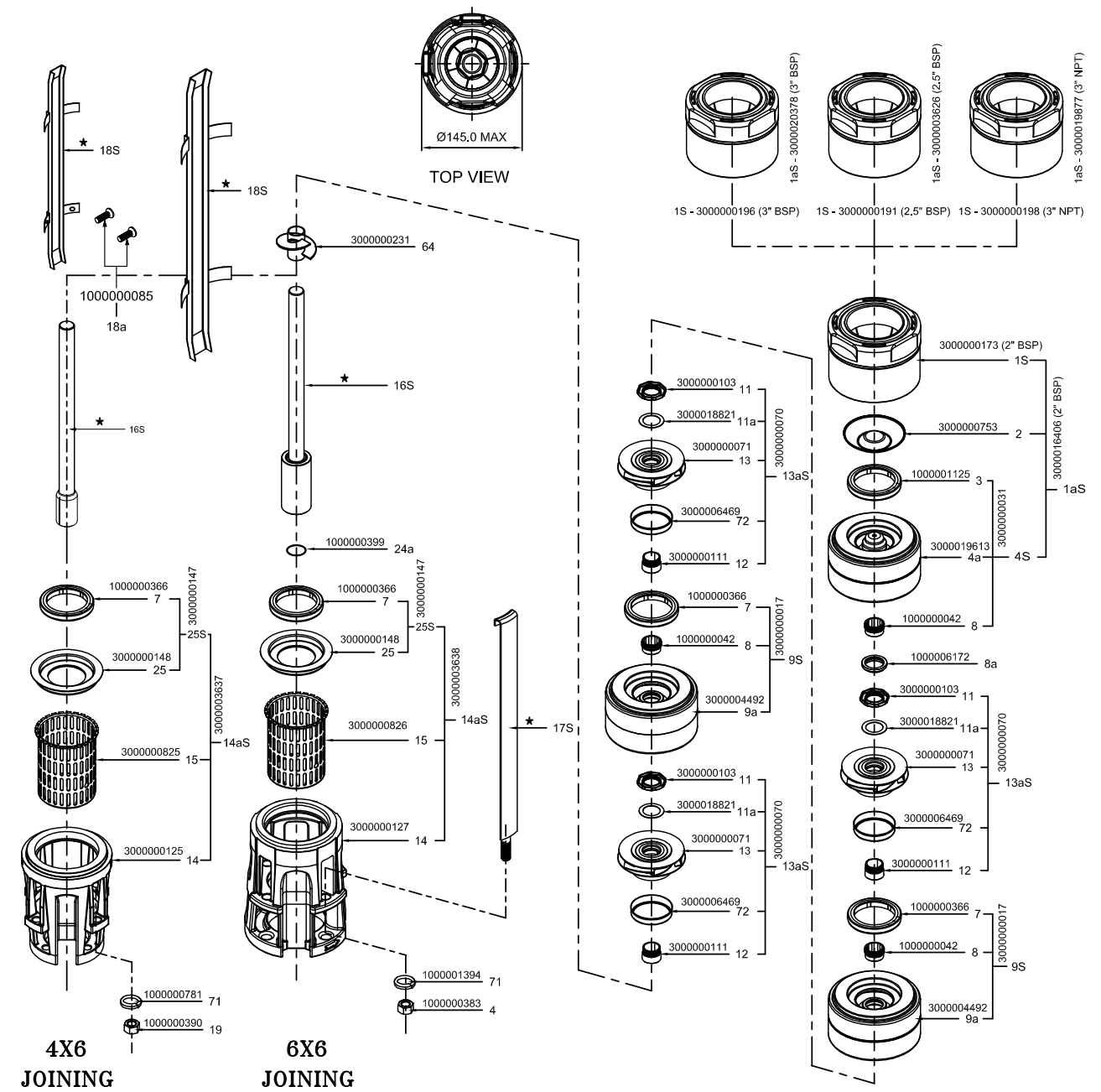


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MATERIAL SPECIFICATION QF-15 PUMP

POS.	MATERIAL CODE	DESCRIPTION	MATERIAL
1S	300000191 (2.5" BSP)	VALVE CASING	STAINLESS STEEL
	300000196 (3.0" BSP)		
	300000198 (3.0" NPT)		
	300000173 (2.0" BSP)		
1aS	3000003626 (2.5" BSP)	DISCHARGE CHAMBER COMPLETE	N.A.
	3000020378 (3.0" BSP)		
	3000019877 (3.0" NPT)		
	3000016406 (2.0" BSP)		
2	300000753	VALVE CONE	STAINLESS STEEL
3	100001125	VALVE SEAT	SS + NBR
4S	300000031	TOP INTERMEDIATE CHAMBER COMPLETE	N.A.
4a	3000019613	TOP INTERMEDIATE CHAMBER	STAINLESS STEEL
7	100000366	NECKRING	NBR/PPS
8	100000042	BEARING	NBR
8a	1000006172	SPACING WASHER	TEFLON
9S	300000017	INTERMEDIATE CHAMBER COMPLETE	N.A.
9a	3000004492	INTERMEDIATE CHAMBER	STAINLESS STEEL
11	300000103	SPLIT CONE NUT	STAINLESS STEEL
11a	3000018821	SPLIT CONE WASHER	STAINLESS STEEL
12	3000000111	SPLIT CONE	STAINLESS STEEL
13aS	3000000070	IMPELLER COMPLETE	STAINLESS STEEL
13	300000071	IMPELLER	STAINLESS STEEL
4X6 JOINING			
14aS	3000003637	SUCTION INTERCONNECTOR COMPLETE	N.A.
14	3000000125	SUCTION INTERCONNECTOR	STAINLESS STEEL
15	3000000825	STRAINER	STAINLESS STEEL
16S	0	PUMP SHAFT WITH COUPLING	STAINLESS STEEL
19	1000000390	NUT	STAINLESS STEEL
71	1000000781	WASHER	STAINLESS STEEL
17S	0	STRAP	STAINLESS STEEL
18S	0	CABLE GUARD	STAINLESS STEEL
18a	1000000085	SCREW FOR CABLE GUARD	STAINLESS STEEL
6X6 JOINING			
14aS	3000003638	SUCTION INTERCONNECTOR COMPLETE	N.A.
14	3000000127	SUCTION INTERCONNECTOR	STAINLESS STEEL
15	3000000826	STRAINER	STAINLESS STEEL
16S	0	PUMP SHAFT WITH COUPLING	STAINLESS STEEL
24a	1000000399	O-Ring	NBR
4	1000000383	NUT (6X6 , 8X6)	STAINLESS STEEL
71	1000001394	WASHER	STAINLESS STEEL
17S	0	STRAP	STAINLESS STEEL
18S	0	CABLE GUARD	STAINLESS STEEL
25S	3000000147	NECKRING CUP ASSLY	N.A.
25	3000000148	NECKRING RETAINER	STAINLESS STEEL
64	3000000231	PRIMING SCREW	STAINLESS STEEL
72	3000006469	WEAR RING	STAINLESS STEEL

EXPLODED VIEW QF-15 PUMP

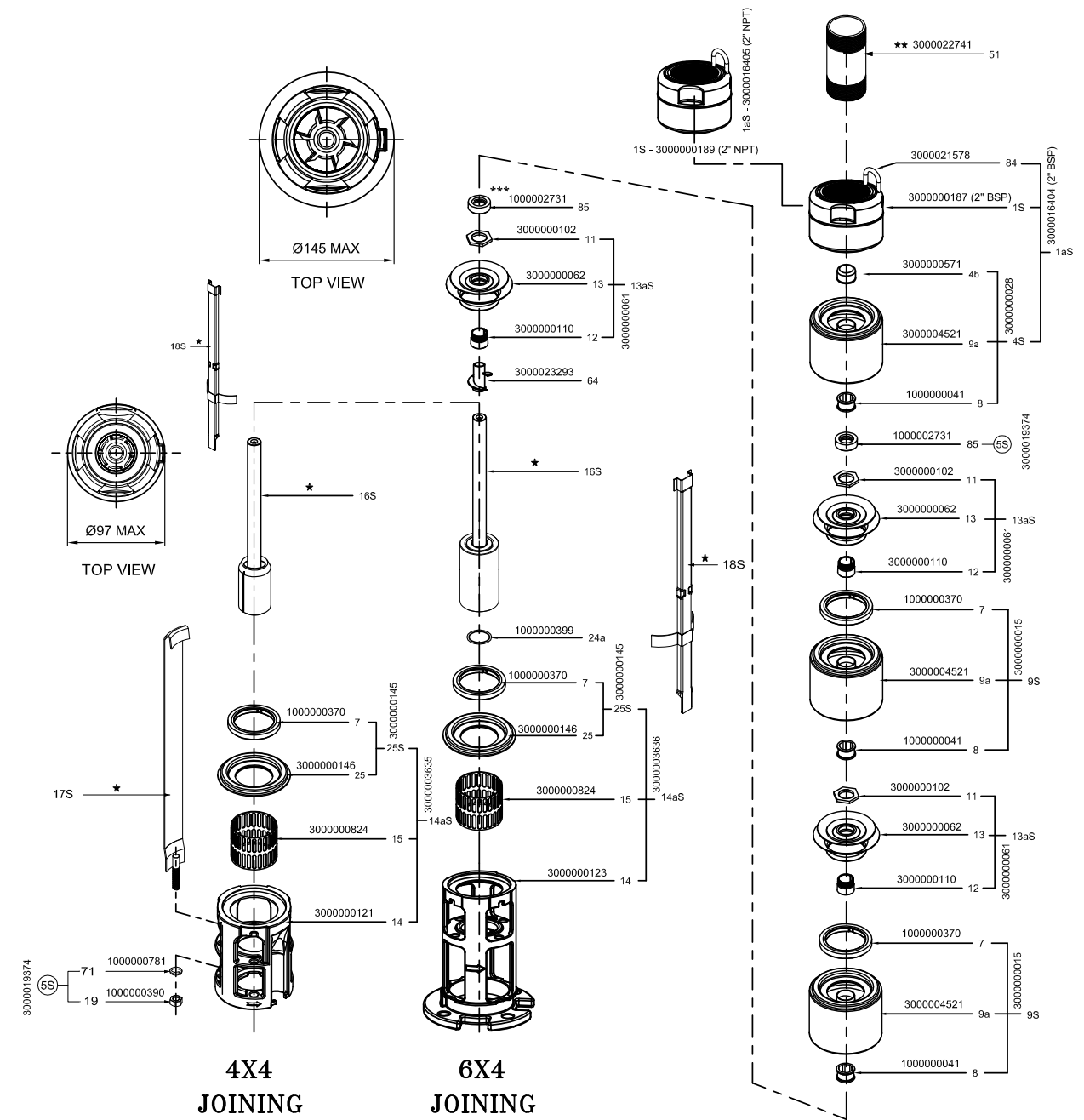


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MATERIAL SPECIFICATION QF-20 PUMP

EXPLODED VIEW QF-20 PUMP

POS.	MATERIAL CODE	DESCRIPTION	MATERIAL
1aS	3000016404 (2" BSP)	DISCHARGE CHAMBER COMPLETE	N.A.
	3000016405 (2" NPT)		
1S	3000000187 (2" BSP)	VALVE CASING COMPLETE	N.A.
	3000000189 (2" NPT)		
4S	3000000028	TOP CHAMBER	STAINLESS STEEL
4b	3000000571	TOP CAP	STAINLESS STEEL
7	1000000370	NECKRING	NBR/PPS
8	1000000041	INTERMEDIATE BEARING	NBR
9S	3000000015	INTERMEDIATE CHAMBER COMPLETE	N.A.
9a	3000004521	INTERMEDIATE CHAMBER	STAINLESS STEEL
11	3000000102	SPLIT CONE NUT	STAINLESS STEEL
12	3000000110	SPLIT CONE	STAINLESS STEEL
13aS	3000000061	IMPELLER COMPLETE	STAINLESS STEEL
13	3000000062	IMPELLER	STAINLESS STEEL
4X4 JOINING			
14aS	3000003635	SUCTION INTERCONNECTOR COMPLETE	STAINLESS STEEL
14	3000000121	SUCTION INTERCONNECTOR	STAINLESS STEEL
6X4 JOINING			
14aS	3000003636	SUCTION INTERCONNECTOR COMPLETE	STAINLESS STEEL
14	3000000123	SUCTION INTERCONNECTOR	STAINLESS STEEL
24a	1000000399	O-RING	NBR
15	3000000824	STRAINER	STAINLESS STEEL
16S	0	PUMP SHAFT WITH COUPLING	STAINLESS STEEL
17S	0	STRAP	STAINLESS STEEL
18S	0	CABLE GUARD	STAINLESS STEEL
19	1000000390	NUT	STAINLESS STEEL
25S	3000000145	NECKRING CUP ASSLY	N.A.
25	3000000146	NECKRING RETAINER	STAINLESS STEEL
51	3000022741	NIPPLE	G.I.
64	3000023293	PRIMING SCREW	STAINLESS STEEL
71	1000000781	WASHER	STAINLESS STEEL
84	3000021578	NRV HOOK	STAINLESS STEEL
85	1000002731	STOP RING	TEFLON

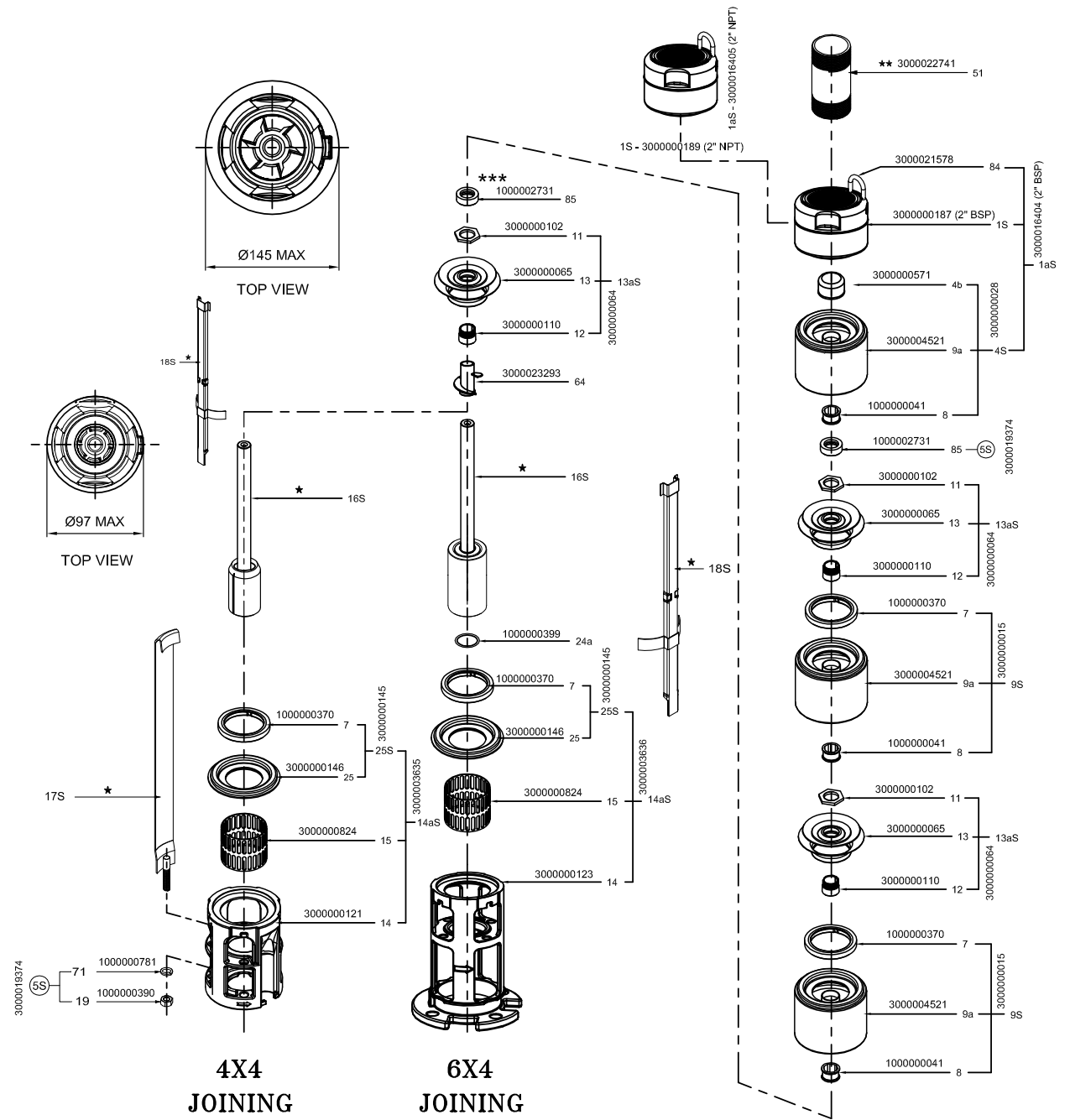


A	B	C	C1	D	D1	E	F	G	H	I	J	K

MATERIAL SPECIFICATION QF-25 PUMP

POS.	MATERIAL CODE	DESCRIPTION	MATERIAL
1aS	3000016404 (2" BSP)	DISCHARGE CHAMBER COMPLETE	N.A.
	3000016405 (2" NPT)		
1S	3000000187 (2" BSP)	VALVE CASING COMPLETE	N.A.
	3000000189 (2" NPT)		
4S	3000000028	TOP CHAMBER	STAINLESS STEEL
4b	3000000571	TOP CAP	STAINLESS STEEL
7	1000000370	NECKRING	NBR/PPS
8	1000000041	INTERMEDIATE BEARING	NBR
9S	3000000015	INTERMEDIATE CHAMBER COMPLETE	N.A.
9a	3000004521	INTERMEDIATE CHAMBER	STAINLESS STEEL
11	3000000102	SPLIT CONE NUT	STAINLESS STEEL
12	3000000110	SPLIT CONE	STAINLESS STEEL
13aS	3000000064	IMPELLER COMPLETE	STAINLESS STEEL
13	3000000065	IMPELLER	STAINLESS STEEL
4X4 JOINING			
14aS	3000003635	SUCTION INTERCONNECTOR COMPLETE	STAINLESS STEEL
14	3000000121	SUCTION INTERCONNECTOR	STAINLESS STEEL
6X4 JOINING			
14aS	3000003636	SUCTION INTERCONNECTOR COMPLETE	STAINLESS STEEL
14	3000000123	SUCTION INTERCONNECTOR	STAINLESS STEEL
24a	1000000399	O-RING	NBR
15	3000000824	STRAINER	STAINLESS STEEL
16S	0	PUMP SHAFT WITH COUPLING	STAINLESS STEEL
17S	0	STRAP	STAINLESS STEEL
18S	0	CABLE GUARD	STAINLESS STEEL
19	1000000390	NUT	STAINLESS STEEL
25S	3000000145	NECKRING CUP ASSLY	N.A.
25	3000000146	NECKRING RETAINER	STAINLESS STEEL
51	3000022741	NIPPLE	G.I.
64	3000023293	PRIMING SCREW	STAINLESS STEEL
71	1000000781	WASHER	STAINLESS STEEL
84	3000021578	NRV HOOK	STAINLESS STEEL
85	1000002731	STOP RING	TEFLON

EXPLODED VIEW QF-25 PUMP

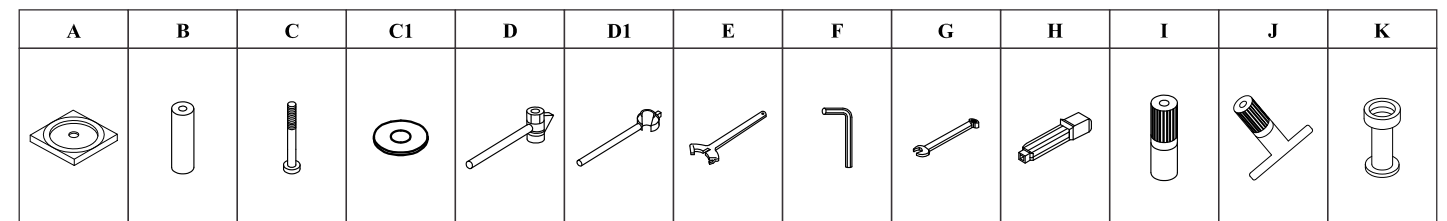
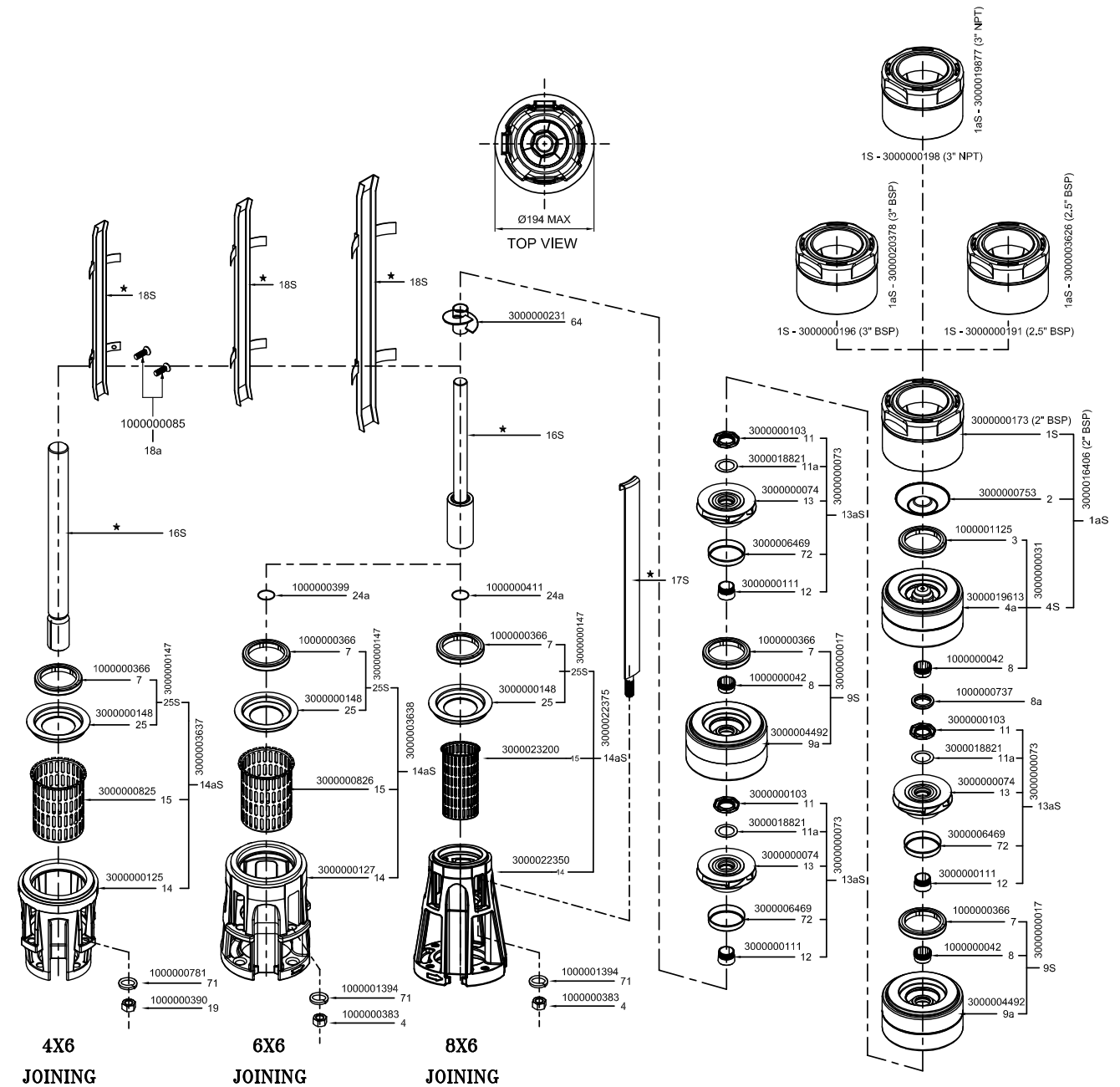


A	B	C	C1	D	D1	E	F	G	H	I	J	K

MATERIAL SPECIFICATION QF-30 PUMP

EXPLODED VIEW QF-30 PUMP

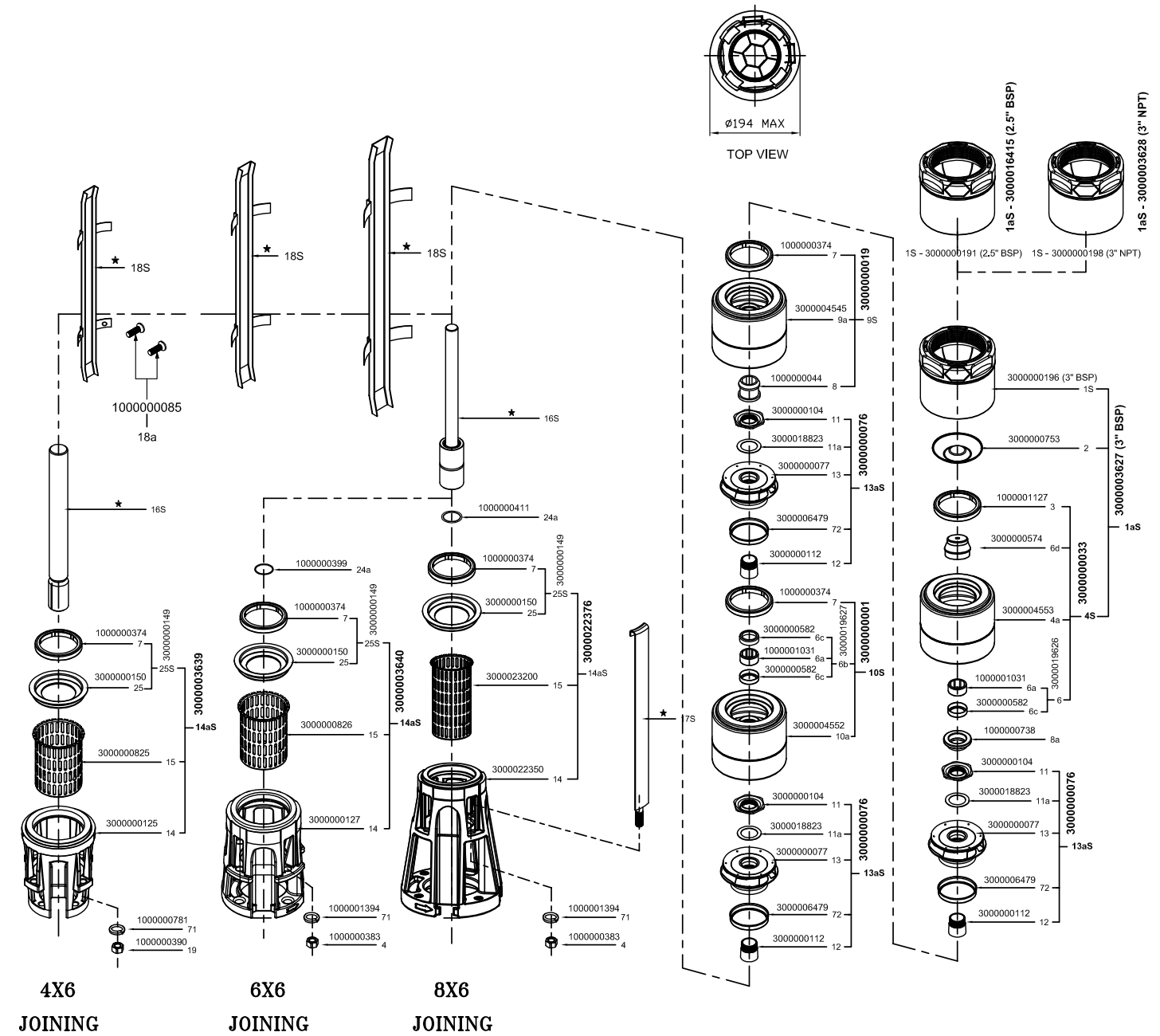
POS.	MATERIAL CODE	DESCRIPTION	MATERIAL
1S	300000191 (2.5" BSP)	VALVE CASING	STAINLESS STEEL
	300000196 (3.0" BSP)		
	300000198 (3.0" NPT)		
	300000173 (2.0" BSP)		
1aS	3000003626 (2.5" BSP)	DISCHARGE CHAMBER COMPLETE	N.A.
	3000020378 (3.0" BSP)		
	3000019877 (3.0" NPT)		
	3000016406 (2.0" BSP)		
2	3000000753	VALVE CONE	STAINLESS STEEL
3	1000001125	VALVE SEAT	SS + NBR
4S	3000000031	TOP INTERMEDIATE CHAMBER COMPLETE	N.A.
4a	3000019613	TOP INTERMEDIATE CHAMBER	STAINLESS STEEL
7	1000000366	NECKRING	NBR/PPS
8	1000000042	BEARING	NBR
8a	1000000737	SPACING WASHER	TEFLON
9S	3000000017	INTERMEDIATE CHAMBER COMPLETE	N.A.
9a	3000004492	INTERMEDIATE CHAMBER	STAINLESS STEEL
11	3000000103	SPLIT CONE NUT	STAINLESS STEEL
11a	3000018821	SPLIT CONE WASHER	STAINLESS STEEL
12	3000000111	SPLIT CONE	STAINLESS STEEL
13aS	3000000073	IMPELLER COMPLETE	STAINLESS STEEL
13	3000000074	IMPELLER	STAINLESS STEEL
4X6 JOINING			
14aS	3000003637	SUCTION INTERCONNECTOR COMPLETE	N.A.
14	3000000125	SUCTION INTERCONNECTOR	STAINLESS STEEL
15	3000000825	STRAINER	STAINLESS STEEL
16S	0	PUMP SHAFT WITH COUPLING	STAINLESS STEEL
19	1000000390	NUT	STAINLESS STEEL
71	1000000781	WASHER	STAINLESS STEEL
18S	0	CABLE GUARD	STAINLESS STEEL
18a	1000000085	SCREW FOR CABLE GUARD	STAINLESS STEEL
17S	0	STRAP	STAINLESS STEEL
6X6 JOINING			
14aS	3000003638	SUCTION INTERCONNECTOR COMPLETE	N.A.
14	3000000127	SUCTION INTERCONNECTOR	STAINLESS STEEL
15	3000000826	STRAINER	STAINLESS STEEL
24a	1000000399	O RING	NBR
18S	0	CABLE GUARD	STAINLESS STEEL
8X6 JOINING			
14aS	3000022375	SUCTION INTERCONNECTOR COMPLETE	N.A.
14	3000022350	SUCTION INTERCONNECTOR	STAINLESS STEEL
15	3000023200	STRAINER	STAINLESS STEEL
24a	1000000411	O RING	NBR
18S	0	CABLE GUARD	STAINLESS STEEL
17S	0	STRAP (6X6 , 8X6)	STAINLESS STEEL
16S	0	PUMP SHAFT WITH COUPLING (6X6 , 8X6)	STAINLESS STEEL
4	1000000383	NUT (6X6 , 8X6)	STAINLESS STEEL
25S	3000000147	NECKRING CUP ASSLY (4X6 , 6X6 , 8X6)	N.A.
25	3000000148	NECKRING RETAINER (4X6 , 6X6 , 8X6)	STAINLESS STEEL
64	3000000231	PRIMING SCREW (4X6 , 6X6 , 8X6)	STAINLESS STEEL
71	1000001394	WASHER (6X6 , 8X6)	STAINLESS STEEL
72	3000006469	WEAR RING	STAINLESS STEEL



MATERIAL SPECIFICATION QF-50 PUMP

EXPLODED VIEW QF-50 PUMP

POS.	MATERIAL CODE	DESCRIPTION	MATERIAL
1S	3000000191 (2.5" BSP)	VALVE CASING	STAINLESS STEEL
	3000000196 (3.0" BSP)		
	3000000198 (3.0" NPT)		
1aS	3000016415 (2.5" BSP)	DISCHARGE CHAMBER COMPLETE	N.A.
	3000003627 (3.0" BSP)		
	3000003628 (3.0" NPT)		
2	3000000753	VALVE CONE	STAINLESS STEEL
3	1000001127	VALVE SEAT	SS + NBR
4S	3000000033	TOP INTERMEDIATE CHAMBER COMPLETE	N.A.
4a	3000004553	TOP INTERMEDIATE CHAMBER	STAINLESS STEEL
6d	3000000574	TOP CAP	STAINLESS STEEL
7	1000000374	NECKRING	NBR/PPS
8	1000000044	BEARING	NBR
8a	1000000738	SPACING WASHER	TEFLON
9S	3000000019	INTERMEDIATE CHAMBER COMPLETE	N.A.
9a	3000004545	INTERMEDIATE CHAMBER	STAINLESS STEEL
11	3000000104	SPLIT CONE NUT	STAINLESS STEEL
11a	3000018823	SPLIT CONE WASHER	STAINLESS STEEL
12	3000000112	SPLIT CONE	STAINLESS STEEL
13aS	3000000076	IMPELLER COMPLETE	STAINLESS STEEL
13	3000000077	IMPELLER	STAINLESS STEEL
4X6 JOINING			
14aS	3000003639	SUCTION INTERCONNECTOR COMPLETE	N.A.
14	3000000125	SUCTION INTERCONNECTOR	STAINLESS STEEL
15	3000000825	STRAINER	STAINLESS STEEL
16S	0	PUMP SHAFT WITH COUPLING	STAINLESS STEEL
19	1000000390	NUT	STAINLESS STEEL
71	1000000781	WASHER	STAINLESS STEEL
18S	0	CABLE GUARD	STAINLESS STEEL
18a	1000000085	SCREW FOR CABLE GUARD	STAINLESS STEEL
17S	0	STRAP	STAINLESS STEEL
6X6 JOINING			
14aS	3000003640	SUCTION INTERCONNECTOR COMPLETE	N.A.
14	3000000127	SUCTION INTERCONNECTOR	STAINLESS STEEL
15	3000000826	STRAINER	STAINLESS STEEL
24a	1000000399	O RING	NBR
18S	0	CABLE GUARD	STAINLESS STEEL
8X6 JOINING			
14aS	3000022376	SUCTION INTERCONNECTOR COMPLETE	N.A.
14	3000022350	SUCTION INTERCONNECTOR	STAINLESS STEEL
15	3000023200	STRAINER	STAINLESS STEEL
24a	1000000411	O RING	NBR
18S	0	CABLE GUARD	STAINLESS STEEL
17S	0	STRAP (6X6, 8X6)	STAINLESS STEEL
18S	0	CABLE GUARD (4X6, 6X6, 8X6)	STAINLESS STEEL
16S	0	PUMP SHAFT WITH COUPLING (6X6, 8X6)	STAINLESS STEEL
4	1000000383	NUT (6X6, 8X6)	STAINLESS STEEL
25S	3000000149	NECKRING CUP ASSLY (4X6, 6X6, 8X6)	N.A.
25	3000000150	NECKRING RETAINER (4X6, 6X6, 8X6)	STAINLESS STEEL
71	1000001394	WASHER (6X6, 8X6)	STAINLESS STEEL
72	3000006479	WEAR RING	STAINLESS STEEL

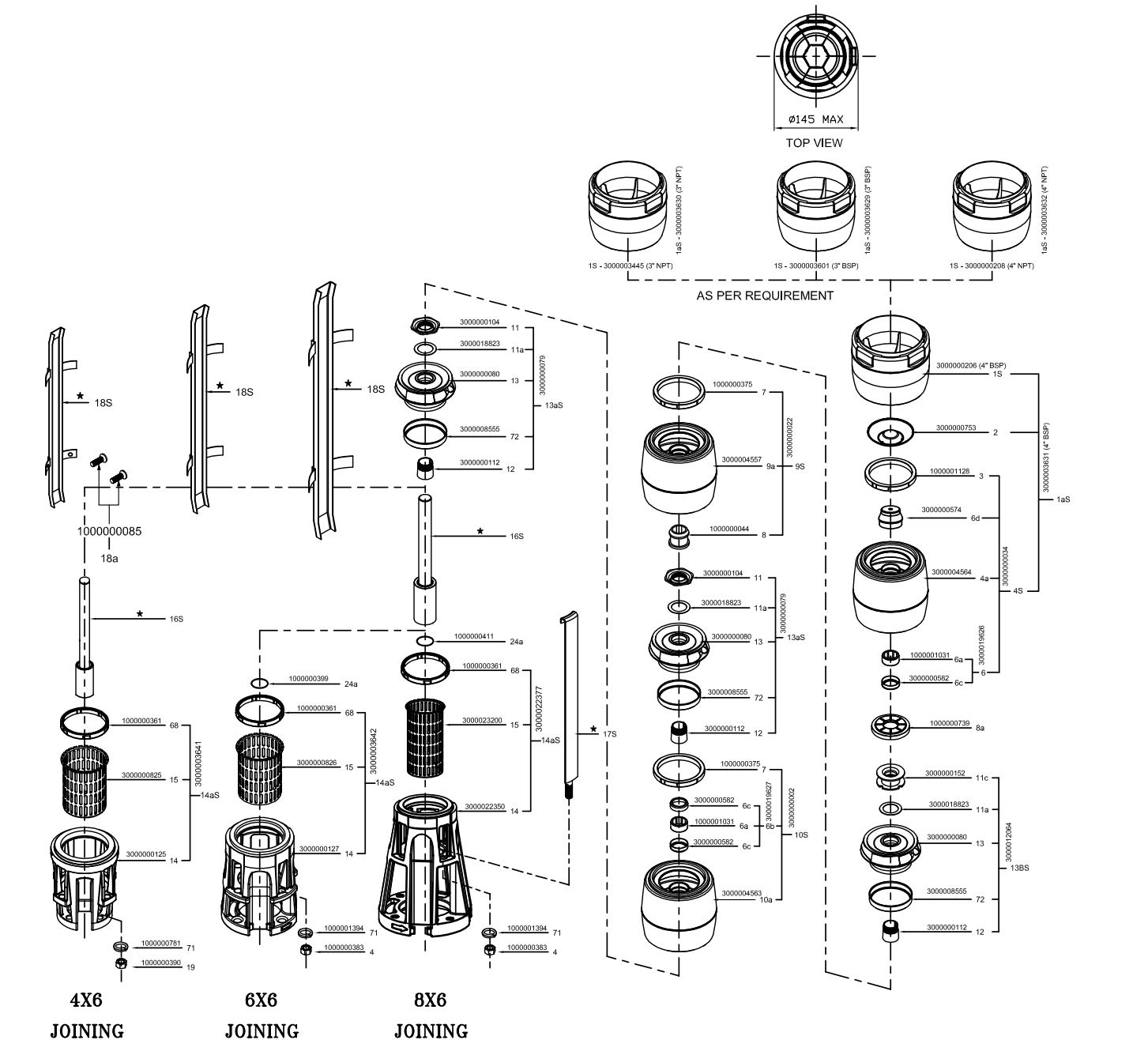


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MATERIAL SPECIFICATION QF-75 PUMP

EXPLODED VIEW QF-75 PUMP

POS.	MATERIAL CODE	DESCRIPTION	MATERIAL
1aS	3000003631 (4" BSP)	DISCHARGE CHAMBER COMPLETE	N.A.
	3000003630 (3" NPT)		
	3000003629 (3" BSP)		
	3000003632 (4" NPT)		
1S	3000000206 (4" BSP)	VALVE CASING	STAINLESS STEEL
	3000003445 (3" NPT)		
	3000003601 (3" BSP)		
	3000000208 (4" NPT)		
2	3000000753	VALVE CONE	STAINLESS STEEL
3	1000001128	VALVE SEAT	SS + NBR
4S	3000000034	TOP INTERMEDIATE CHAMBER COMPLETE	N.A.
4a	3000004564	TOP INTERMEDIATE CHAMBER	STAINLESS STEEL
6	3000019626	UPPER BEARING	N.A.
6a	1000001031	BEARING	NBR
6b	3000019627	BOTTOM BEARING	N.A.
6c	3000000582	BEARING CAP	STAINLESS STEEL
6d	3000000574	TOP CAP	STAINLESS STEEL
7	1000000375	NECKRING	NBR+PPS
8	1000000044	INTERMEDIATE BEARING	NBR
8a	1000000739	SPACING WASHER	TEFLON
9S	3000000022	INTERMEDIATE CHAMBER COMPLETE	N.A.
9a	3000004557	INTERMEDIATE CHAMBER	STAINLESS STEEL
10S	3000000002	BOTTOM CHAMBER COMPLETE	N.A.
10a	3000004563	BOTTOM CHAMBER	STAINLESS STEEL
11	3000000104	SPLIT CONE NUT	STAINLESS STEEL
11a	3000018823	SPLIT CONE WASHER	STAINLESS STEEL
11c	3000000152	1st NUT	STAINLESS STEEL
12	3000000112	SPLIT CONE	STAINLESS STEEL
13aS	3000000079	IMPELLER COMPLETE	STAINLESS STEEL
13BS	3000012064	TOP IMPELLER COMPLETE	STAINLESS STEEL
13	3000000080	IMPELLER	STAINLESS STEEL
4X6 JOINING			
14aS	3000003641	SUCTION INTERCONNECTOR COMPLETE	N.A.
14	3000000125	SUCTION INTERCONNECTOR	STAINLESS STEEL
15	3000000825	STRAINER	STAINLESS STEEL
16S	0	PUMP SHAFT WITH COUPLING	STAINLESS STEEL
18S	0	CABLE GAURD	STAINLESS STEEL
71	1000000781	WASHER	STAINLESS STEEL
19	1000000390	NUT	STAINLESS STEEL
18S	0	CABLE GUARD	STAINLESS STEEL
18a	1000000085	SCREW FOR CABLE GUARD	STAINLESS STEEL
17S	0	STRAP	STAINLESS STEEL
6X6 JOINING			
14aS	3000003642	SUCTION INTERCONNECTOR COMPLETE	N.A.
14	3000000127	SUCTION INTERCONNECTOR	STAINLESS STEEL
15	3000000826	STRAINER	STAINLESS STEEL
24a	1000000399	O - RING	NBR
18S	0	CABLE GUARD	STAINLESS STEEL
8X6 JOINING			
14aS	3000022377	SUCTION INTERCONNECTOR COMPLETE	N.A.
14	3000022350	SUCTION INTERCONNECTOR	STAINLESS STEEL
15	3000023200	STRAINER	STAINLESS STEEL
24a	1000000411	O - RING	NBR
18S	0	CABLE GUARD	STAINLESS STEEL
71	1000001394	WASHER (8X6 , 6X6)	STAINLESS STEEL
4	1000000383	NUT (8X6 , 6X6)	STAINLESS STEEL
17S	0	STRAP (8X6 , 6X6)	STAINLESS STEEL
68	1000000361	NECKRING 1st STAGE	SS + NBR
72	3000008555	WEAR RING	STAINLESS STEEL

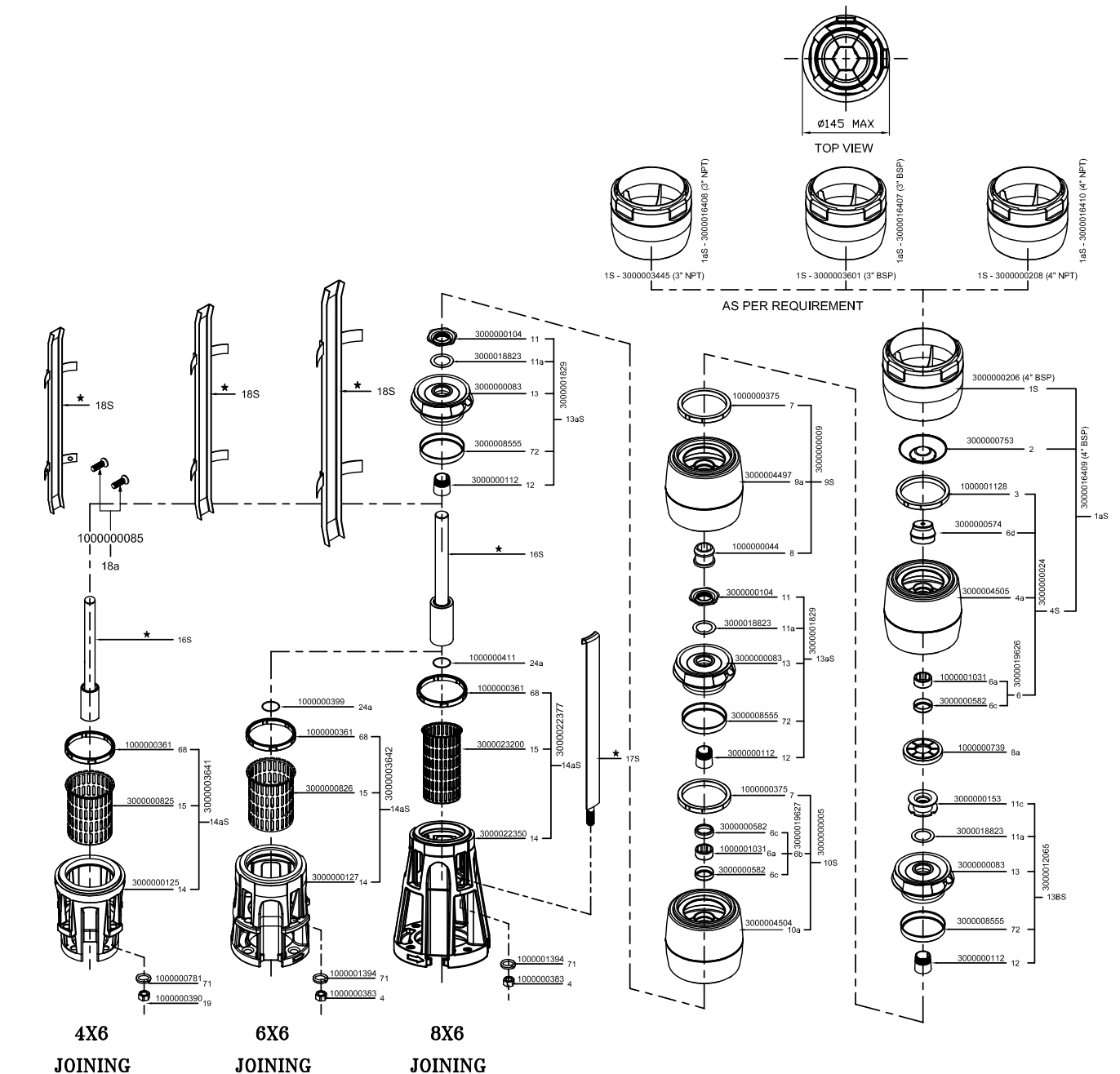


A	B	C	C1	D	D1	E	F	G	H	I	J	K

MATERIAL SPECIFICATION QF-100 PUMP

POS.	MATERIAL CODE	DESCRIPTION	MATERIAL
1aS	3000016409 (4" BSP)	DISCHARGE CHAMBER COMPLETE	N.A.
	3000016410 (4" NPT)		
	3000016407 (3" BSP)		
	3000016408 (3" NPT)		
1S	3000000206 (4" BSP)	VALVE CASING	STAINLESS STEEL
	3000000208 (4" NPT)		
	3000003601 (3" BSP)		
	3000003445 (3" NPT)		
2	3000000753	VALVE CONE	STAINLESS STEEL
3	1000001128	VALVE SEAT	SS + NBR
4S	3000000024	TOP INTERMEDIATE CHAMBER COMPLETE	N.A.
4a	3000004505	TOP INTERMEDIATE CHAMBER	STAINLESS STEEL
6	3000019626	UPPER BEARING	N.A.
6a	1000001031	BEARING	NBR
6b	3000019627	BOTTOM BEARING	N.A.
6c	3000000582	BEARING CAP	STAINLESS STEEL
6d	3000000574	TOP CAP	STAINLESS STEEL
7	1000000375	NECKRING	NBR+PPS
8	1000000044	INTERMEDIATE BEARING	NBR
8a	1000000739	SPACING WASHER	TEFLON
9S	3000000009	INTERMEDIATE CHAMBER COMPLETE	N.A.
9a	3000004497	INTERMEDIATE CHAMBER	STAINLESS STEEL
10S	3000000005	BOTTOM CHAMBER COMPLETE	N.A.
10a	3000004504	BOTTOM CHAMBER	STAINLESS STEEL
11	3000000104	SPLIT CONE NUT	STAINLESS STEEL
11a	3000018823	SPLIT CONE WASHER	STAINLESS STEEL
11c	3000000153	1st NUT	STAINLESS STEEL
12	3000000112	SPLIT CONE	STAINLESS STEEL
13aS	3000001829	IMPELLER COMPLETE	STAINLESS STEEL
13BS	3000012065	TOP IMPELLER COMPLETE	STAINLESS STEEL
13	3000000083	IMPELLER	STAINLESS STEEL
4X6 JOINING			
14aS	3000003641	SUCTION INTERCONNECTOR COMPLETE	N.A.
14	3000000125	SUCTION INTERCONNECTOR	STAINLESS STEEL
15	3000000825	STRAINER	STAINLESS STEEL
16S	0	PUMP SHAFT WITH COUPLING	STAINLESS STEEL
18S	0	CABLE GAURD	STAINLESS STEEL
71	1000000781	WASHER	STAINLESS STEEL
19	1000000390	NUT	STAINLESS STEEL
18S	0	CABLE GUARD	STAINLESS STEEL
18a	1000000085	SCREW FOR CABLE GUARD	STAINLESS STEEL
17S	0	STRAP	STAINLESS STEEL
6X6 JOINING			
14aS	3000003642	SUCTION INTERCONNECTOR COMPLETE	N.A.
14	3000000127	SUCTION INTERCONNECTOR	STAINLESS STEEL
15	3000000826	STRAINER	STAINLESS STEEL
24a	1000000399	O - RING	NBR
18S	0	CABLE GUARD	STAINLESS STEEL
8X6 JOINING			
14aS	3000022377	SUCTION INTERCONNECTOR COMPLETE	N.A.
14	3000022350	SUCTION INTERCONNECTOR	STAINLESS STEEL
15	3000023200	STRAINER	STAINLESS STEEL
24a	1000000411	O - RING	NBR
18S	0	CABLE GUARD	STAINLESS STEEL
71	1000001394	WASHER (8X6 , 6X6)	STAINLESS STEEL
4	1000000383	NUT (8X6 , 6X6)	STAINLESS STEEL
17S	0	STRAP (8X6 , 6X6)	STAINLESS STEEL
68	1000000361	NECKRING 1st STAGE	SS + NBR
72	3000008555	WEAR RING	STAINLESS STEEL

EXPLODED VIEW QF-100 PUMP

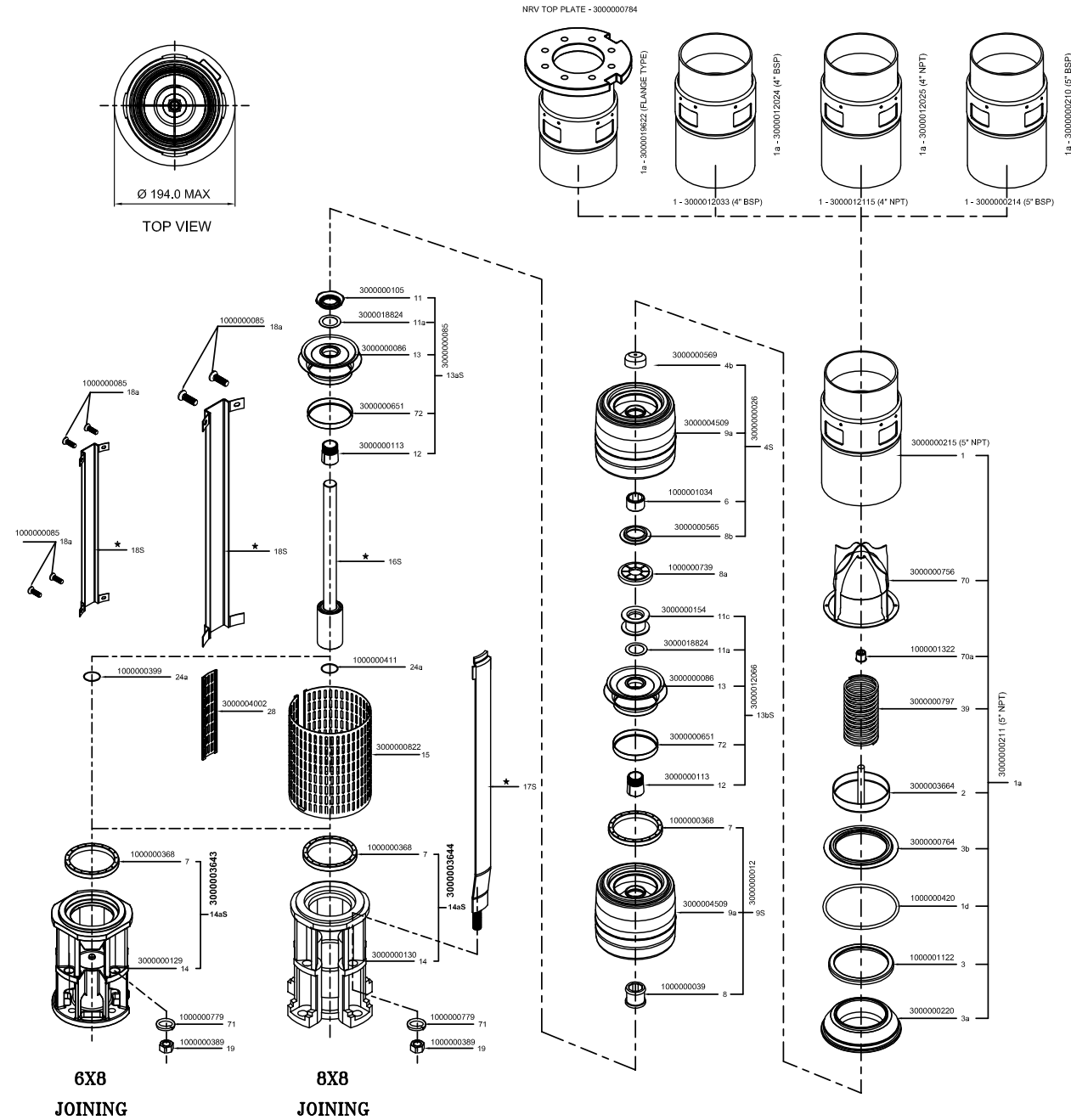


A	B	C	C1	D	D1	E	F	G	H	I	J	K

MATERIAL SPECIFICATION QF-125 PUMP

EXPLODED VIEW QF-125 PUMP

POS.	MATERIAL CODE	DESCRIPTION	MATERIAL
1a	3000000211 (5" NPT)	DISCHARGE CHAMBER COMPLETE	N.A.
	3000000210 (5" BSP)		
	3000012025 (4" NPT)		
	3000012024 (4" BSP)		
	3000019622 (FLANGE TYPE)		
1	3000000215 (5" NPT)	VALVE CASING	STAINLESS STEEL
	3000000214 (5" BSP)		
	3000012115 (4" NPT)		
	3000012033 (4" BSP)		
1d	1000000420	O RING	NBR
2	3000003664	VALVE CONE	STAINLESS STEEL
3	1000001122	VALVE SEAT	NBR
3a	3000000220	LOWER VALVE SEAT RETAINER	STAINLESS STEEL
3b	3000000764	UPPER VALVE SEAT RETAINER	STAINLESS STEEL
4S	3000000026	TOP INTERMEDIATE CHAMBER COMPLETE	N.A.
4b	3000000569	TOP CAP	STAINLESS STEEL
6	1000001034	UPPER BEARING	NBR
7	1000000368	NECKRING	NBR+PPS
8	1000000039	INTERMEDIATE BEARING	NBR
8a	1000000739	SPACING WASHER	TEFLON
8b	3000000565	STOP RING	STAINLESS STEEL
9S	3000000012	INTERMEDIATE CHAMBER COMPLETE	N.A.
9a	3000004509	INTERMEDIATE CHAMBER	STAINLESS STEEL
11	3000000105	SPLIT CONE NUT	STAINLESS STEEL
11a	3000018824	SPLIT CONE WASHER	STAINLESS STEEL
11c	3000000154	1st NUT	STAINLESS STEEL
12	3000000113	SPLIT CONE	STAINLESS STEEL
13aS	3000000085	IMPELLER COMPLETE	STAINLESS STEEL
13bS	3000012066	TOP IMPELLER COMPLETE	STAINLESS STEEL
13	3000000086	IMPELLER	STAINLESS STEEL
6X8 JOINING			
14aS	3000003643	SUCTION INTERCONNECTOR COMPLETE	N.A.
14	3000000129	SUCTION INTERCONNECTOR	STAINLESS STEEL
24a	1000000399	O RING	NBR
18S	0	CABLE GUARD	STAINLESS STEEL
16S	0	PUMP SHAFT WITH COUPLING	STAINLESS STEEL
8X8 JOINING			
14aS	3000003644	SUCTION INTERCONNECTOR COMPLETE	N.A.
14	3000000130	SUCTION INTERCONNECTOR	STAINLESS STEEL
24a	1000000411	O RING	NBR
18S	0	CABLE GUARD	STAINLESS STEEL
16S	0	PUMP SHAFT WITH COUPLING	STAINLESS STEEL
15	3000000822	STRAINER	STAINLESS STEEL
17S	0	STRAP	STAINLESS STEEL
18a	1000000085	SCREW FOR CABLE GUARD	STAINLESS STEEL
19	1000000389	NUT	STAINLESS STEEL
28	3000004002	LOCK FOR STRAINER	STAINLESS STEEL
39	3000000797	SPRING	SPRING STEEL
70	3000000756	VALVE GUIDE COMPLETE	STAINLESS STEEL
70a	1000001322	NRV SLEEVE	NBR+SS
71	1000000779	WASHER	STAINLESS STEEL
72	3000000651	WEAR RING	STAINLESS STEEL

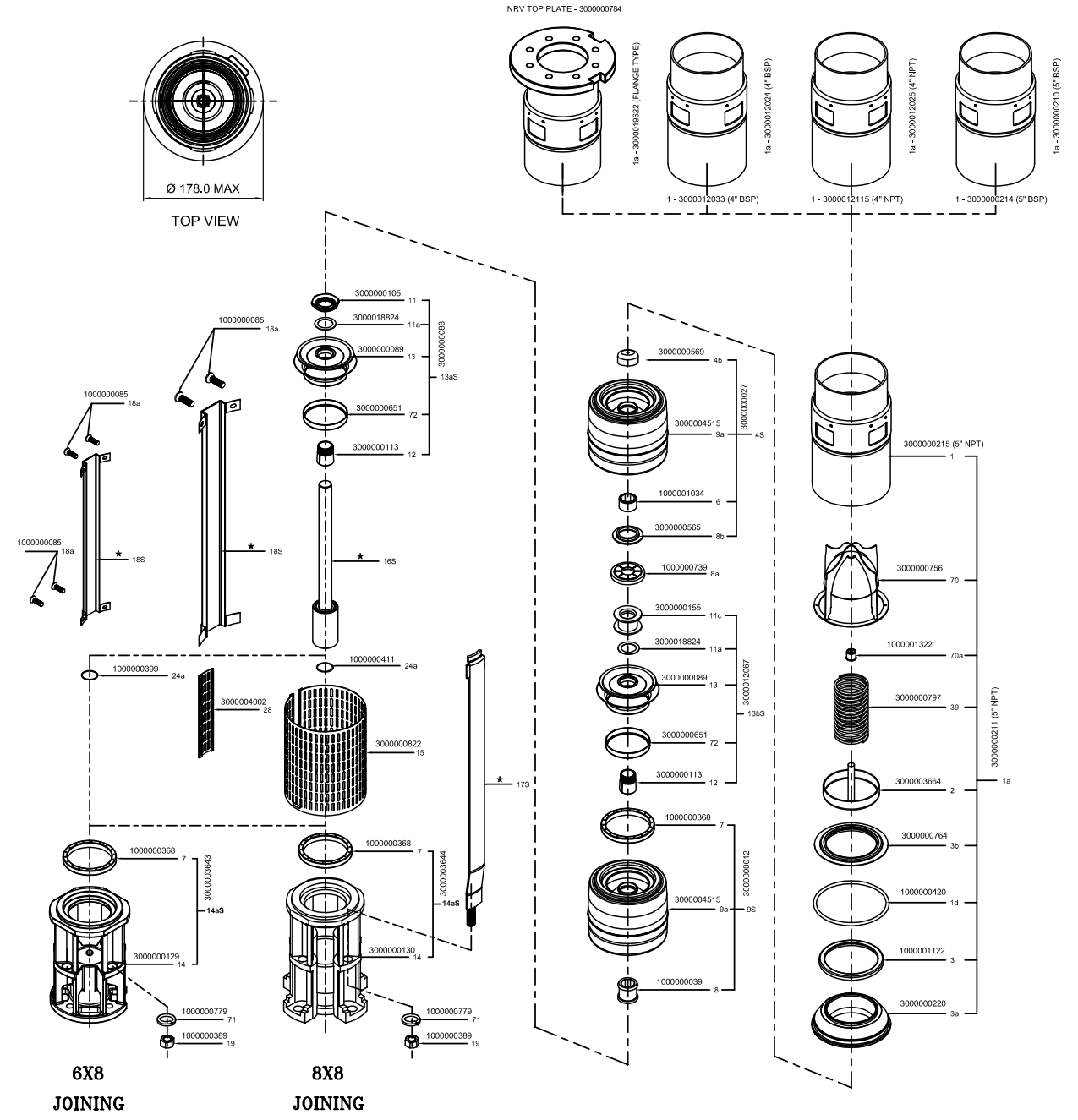


A	B	C	C1	D	D1	E	F	G	H	I	J	K

MATERIAL SPECIFICATION QF-160 PUMP

EXPLODED VIEW QF-160 PUMP

POS.	MATERIAL CODE	DESCRIPTION	MATERIAL
1a	300000211 (5" NPT)	DISCHARGE CHAMBER COMPLETE	N.A.
	300000210 (5" BSP)		
	3000012025 (4" NPT)		
	3000012024 (4" BSP)		
	3000019622 (FLANGE TYPE)		
1	300000215 (5" NPT)	VALVE CASING	STAINLESS STEEL
	300000214 (5" BSP)		
	3000012115 (4" NPT)		
	3000012033 (4" BSP)		
1d	1000000420	O RING	NBR
2	300003664	VALVE CONE	STAINLESS STEEL
3	1000001122	VALVE SEAT	NBR
3a	300000220	LOWER VALVE SEAT RETAINER	STAINLESS STEEL
3b	300000764	UPPER VALVE SEAT RETAINER	STAINLESS STEEL
4S	3000000027	TOP INTERMEDIATE CHAMBER COMPLETE	N.A.
4b	300000569	TOP CAP	STAINLESS STEEL
6	1000001034	UPPER BEARING	NBR
7	1000000368	NECKRING	NBR+PPS
8	1000000039	INTERMEDIATE BEARING	NBR
8a	100000739	SPACING WASHER	TEFLON
8b	300000565	STOP RING	STAINLESS STEEL
9S	3000000012	INTERMEDIATE CHAMBER COMPLETE	N.A.
9a	3000004515	INTERMEDIATE CHAMBER	STAINLESS STEEL
11	3000000105	SPLIT CONE NUT	STAINLESS STEEL
11a	3000018824	SPLIT CONE WASHER	STAINLESS STEEL
11c	3000000155	1st NUT	STAINLESS STEEL
12	3000000113	SPLIT CONE	STAINLESS STEEL
13aS	3000000088	IMPELLER COMPLETE	STAINLESS STEEL
13bS	3000012067	TOP IMPELLER COMPLETE	STAINLESS STEEL
13	3000000089	IMPELLER	STAINLESS STEEL
6X8 JOINING			
14aS	300003643	SUCTION INTERCONNECTOR COMPLETE	N.A.
14	3000000129	SUCTION INTERCONNECTOR	STAINLESS STEEL
24a	1000000399	O RING	NBR
18S	0	CABLE GUARD	STAINLESS STEEL
16S	0	PUMP SHAFT WITH COUPLING	STAINLESS STEEL
8X8 JOINING			
14aS	300003644	SUCTION INTERCONNECTOR COMPLETE	N.A.
14	3000000130	SUCTION INTERCONNECTOR	STAINLESS STEEL
24a	1000000411	O RING	NBR
18S	0	CABLE GUARD	STAINLESS STEEL
16S	0	PUMP SHAFT WITH COUPLING	STAINLESS STEEL
15	300000822	STRAINER	STAINLESS STEEL
17S	0	STRAP	STAINLESS STEEL
18a	1000000085	SCREW FOR CABLE GUARD	STAINLESS STEEL
19	1000000389	NUT	STAINLESS STEEL
28	3000004002	LOCK FOR STRAINER	STAINLESS STEEL
39	3000000797	SPRING	SPRING STEEL
70	3000000756	VALVE GUIDE COMPLETE	STAINLESS STEEL
70a	1000001322	NRV SLEEVE	NBR+SS
71	1000000779	WASHER	STAINLESS STEEL
72	3000000651	WEAR RING	STAINLESS STEEL

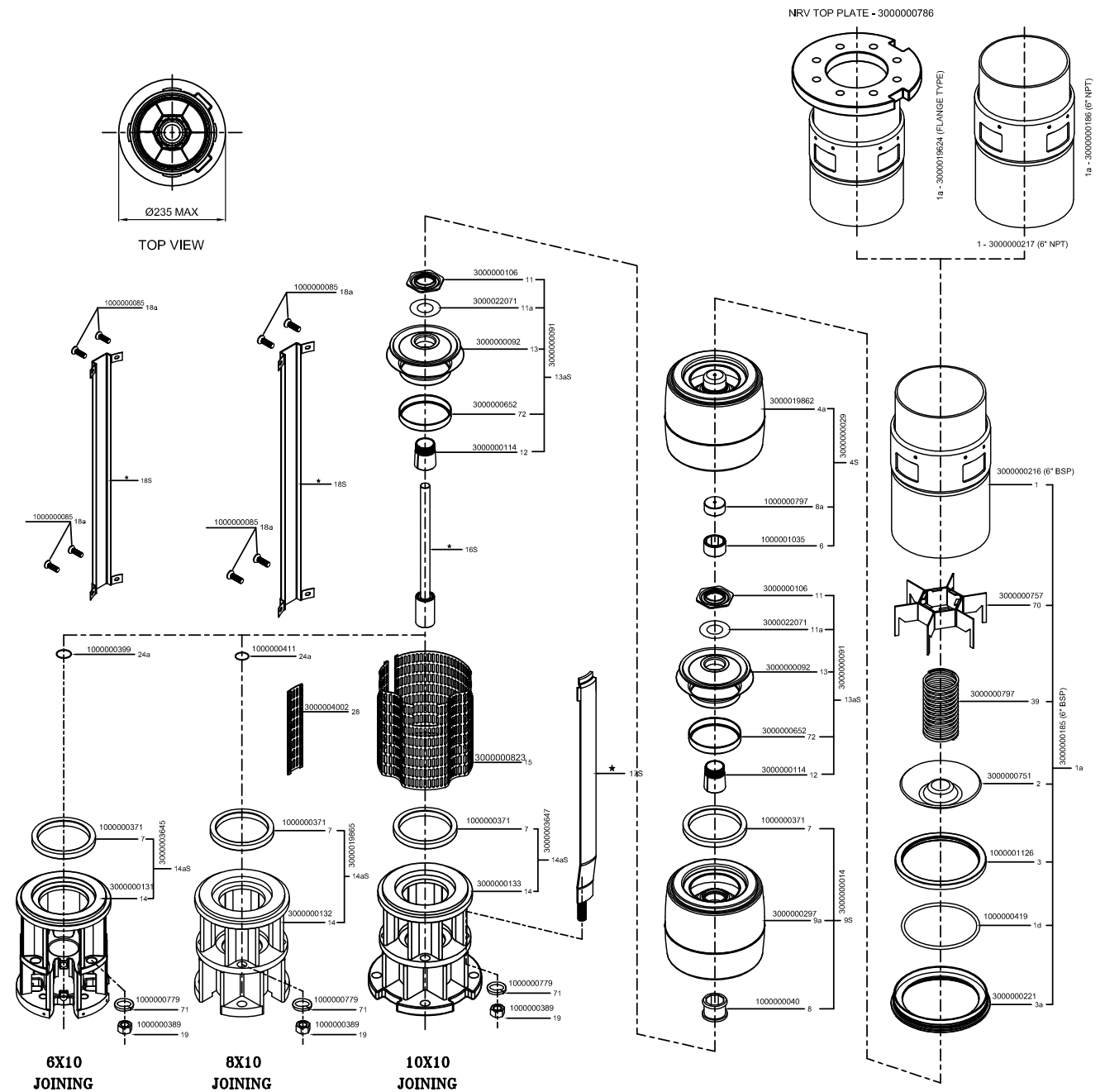


A	B	C	C1	D	D1	E	F	G	H	I	J	K

MATERIAL SPECIFICATION QF-210 PUMP

EXPLODED VIEW QF-210 PUMP

POS.	MATERIAL CODE	DESCRIPTION	MATERIAL
1a	300000185 (6" BSP)	DISCHARGE CHAMBER COMPLETE	N.A.
	300000186 (6" NPT)		
	3000019624 (FLANGE TYPE)		
1	300000216 (6" BSP)	VALVE CASING	STAINLESS STEEL
	300000217 (6" NPT)		
1d	100000419	O RING	NBR
2	300000751	VALVE CONE	STAINLESS STEEL
3	100001126	VALVE SEAT	NBR
3a	300000221	LOWER VALVE SEAT RETAINER	STAINLESS STEEL
4S	300000029	TOP INTERMEDIATE CHAMBER COMPLETE	N.A.
4a	3000019862	TOP INTERMEDIATE CHAMBER	STAINLESS STEEL
6	100001035	UPPER BEARING	NBR
7	100000371	NECKRING	NBR+PPS
8	100000040	INTERMEDIATE BEARING	NBR
8a	100000797	SPACING WASHER	BRASS
9S	300000014	INTERMEDIATE CHAMBER COMPLETE	N.A.
9a	300000297	INTERMEDIATE CHAMBER	STAINLESS STEEL
11	300000106	SPLIT CONE NUT	STAINLESS STEEL
11a	3000022071	SPLIT CONE WASHER	STAINLESS STEEL
12	300000114	SPLIT CONE	STAINLESS STEEL
13aS	300000091	IMPELLER COMPLETE	STAINLESS STEEL
13	300000092	IMPELLER	STAINLESS STEEL
6X10 JOINING			
14aS	3000003645	SUCTION INTERCONNECTOR COMPLETE	N.A.
14	3000000131	SUCTION INTERCONNECTOR	STAINLESS STEEL
24a	100000399	O RING	NBR
18S	0	CABLE GUARD	STAINLESS STEEL
16S	0	PUMP SHAFT WITH COUPLING	STAINLESS STEEL
8X10 JOINING			
14aS	3000019865	SUCTION INTERCONNECTOR COMPLETE	N.A.
14	300000132	SUCTION INTERCONNECTOR	STAINLESS STEEL
24a	100000411	O RING	NBR
16S	0	PUMP SHAFT WITH COUPLING	STAINLESS STEEL
10X10 JOINING			
14aS	3000003647	SUCTION INTERCONNECTOR COMPLETE	N.A.
14	3000000133	SUCTION INTERCONNECTOR	STAINLESS STEEL
16S	0	PUMP SHAFT WITH COUPLING	STAINLESS STEEL
15	300000823	STRAINER	STAINLESS STEEL
17S	0	STRAP	STAINLESS STEEL
18S	0	CABLE GUARD	STAINLESS STEEL
18a	100000085	SCREW FOR CABLE GUARD	STAINLESS STEEL
19	100000389	NUT	STAINLESS STEEL
28	3000004002	LOCK FOR STRAINER	STAINLESS STEEL
39	300000797	SPRING	SPRING STEEL
70	300000757	VALVE GUIDE COMPLETE	STAINLESS STEEL
71	100000779	WASHER	STAINLESS STEEL
72	300000652	WEAR RING	STAINLESS STEEL

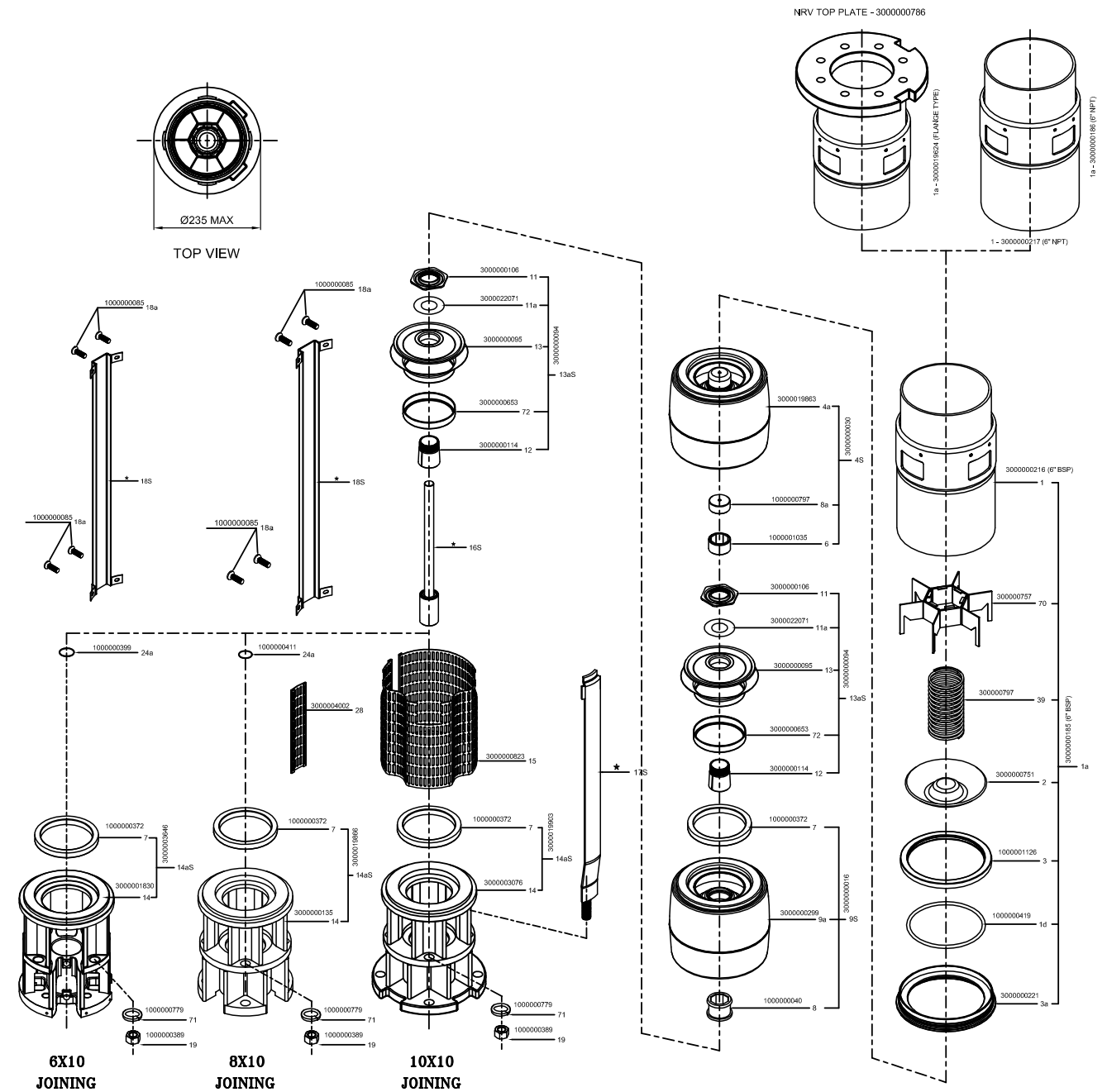


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MATERIAL SPECIFICATION QF-270 PUMP

EXPLODED VIEW QF-270 PUMP

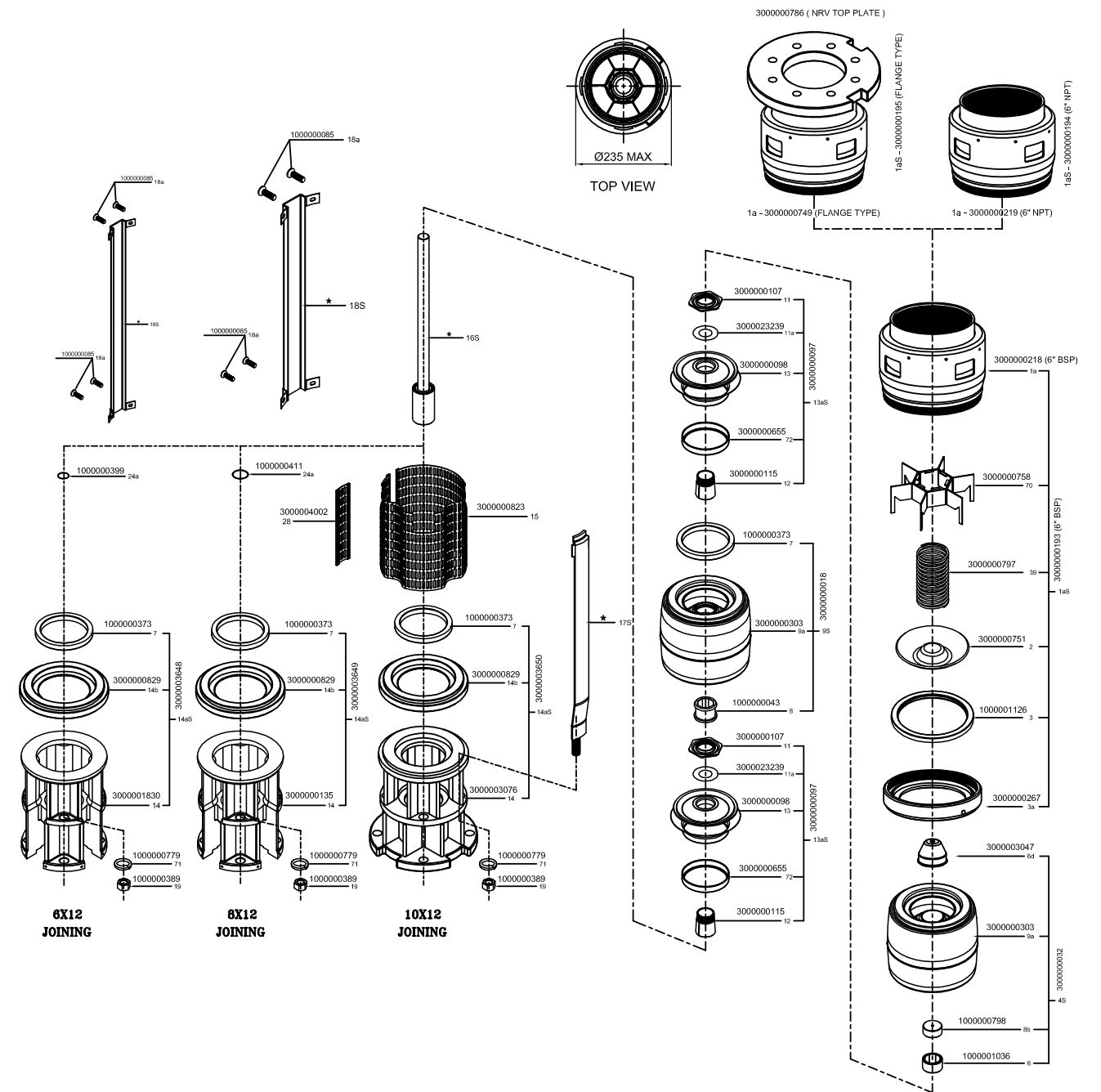
POS.	MATERIAL CODE	DESCRIPTION	MATERIAL
1a	300000185 (6" BSP)	DISCHARGE CHAMBER COMPLETE	N.A.
	300000186 (6" NPT)		
	3000019624 (FLANGE TYPE)		
1	300000216 (6" BSP)	VALVE CASING	STAINLESS STEEL
	300000217 (6" NPT)		
1d	1000000419	O RING	NBR
2	3000000751	VALVE CONE	STAINLESS STEEL
3	1000001126	VALVE SEAT	NBR
3a	3000000221	LOWER VALVE SEAT RETAINER	STAINLESS STEEL
4S	3000000030	TOP INTERMEDIATE CHAMBER COMPLETE	N.A.
4a	3000019863	TOP INTERMEDIATE CHAMBER	STAINLESS STEEL
6	1000001035	UPPER BEARING	NBR
7	1000000372	NECKRING	NBR+PPS
8	1000000040	INTERMEDIATE BEARING	NBR
8a	1000000797	SPACING WASHER	BRASS
9S	3000000016	INTERMEDIATE CHAMBER COMPLETE	N.A.
9a	3000000299	INTERMEDIATE CHAMBER	STAINLESS STEEL
11	3000000106	SPLIT CONE NUT	STAINLESS STEEL
11a	3000022071	SPLIT CONE WASHER	STAINLESS STEEL
12	3000000114	SPLIT CONE	STAINLESS STEEL
13aS	3000000094	IMPELLER COMPLETE	STAINLESS STEEL
13	3000000095	IMPELLER	STAINLESS STEEL
6X10 JOINING			
14aS	3000003646	SUCTION INTERCONNECTOR COMPLETE	N.A.
14	3000001830	SUCTION INTERCONNECTOR	STAINLESS STEEL
24a	1000000399	O RING	NBR
18S	0	CABLE GUARD	STAINLESS STEEL
16S	0	PUMP SHAFT WITH COUPLING	STAINLESS STEEL
8X10 JOINING			
14aS	3000019866	SUCTION INTERCONNECTOR COMPLETE	N.A.
14	3000000135	SUCTION INTERCONNECTOR	STAINLESS STEEL
24a	1000000411	O RING	NBR
16S	0	PUMP SHAFT WITH COUPLING	STAINLESS STEEL
10X10 JOINING			
14aS	3000019903	SUCTION INTERCONNECTOR COMPLETE	N.A.
14	3000003076	SUCTION INTERCONNECTOR	STAINLESS STEEL
16S	0	PUMP SHAFT WITH COUPLING	STAINLESS STEEL
15	3000000823	STRAINER	STAINLESS STEEL
17S	0	STRAP	STAINLESS STEEL
18S	0	CABLE GUARD	STAINLESS STEEL
18a	1000000085	CHEESE HEAD SCREW	STAINLESS STEEL
19	1000000389	NUT	STAINLESS STEEL
28	3000004002	LOCK FOR STRAINER	STAINLESS STEEL
39	3000000797	SPRING	SPRING STEEL
70	3000000757	VALVE GUIDE COMPLETE	STAINLESS STEEL
71	1000000779	WASHER	STAINLESS STEEL
72	3000000653	WEAR RING	STAINLESS STEEL



MATERIAL SPECIFICATION QF-360 PUMP

EXPLODED VIEW QF-360 PUMP

POS.	MATERIAL CODE	DESCRIPTION	MATERIAL
1aS	300000193 (6" BSP)	DISCHARGE CHAMBER COMPLETE	N.A.
	300000194 (6" NPT)		
	300000195 (FLANGE TYPE)		
1a	300000218 (6" BSP)	VALVE CASING	STAINLESS STEEL
	300000219 (6" NPT)		
	300000749 (FLANGE TYPE)		
2	300000751	VALVE CONE	STAINLESS STEEL
3	100001126	VALVE SEAT	NBR
3a	300000267	LOWER VALVE SEAT RETAINER	STAINLESS STEEL
4S	300000032	TOP INTERMEDIATE CHAMBER COMPLETE	N.A.
6d	3000003047	TOP CAP	STAINLESS STEEL
6	100001036	UPPER BEARING	NBR
7	100000373	NECKRING	NBR+PPS
8	100000043	INTERMEDIATE BEARING	NBR
8b	100000798	STOP RING	BRASS
9S	300000018	INTERMEDIATE CHAMBER COMPLETE	N.A.
9a	300000303	INTERMEDIATE CHAMBER	STAINLESS STEEL
11	300000107	SPLIT CONE NUT	STAINLESS STEEL
11a	3000023239	SPLIT CONE WASHER	STAINLESS STEEL
12	300000115	SPLIT CONE	STAINLESS STEEL
13aS	300000097	IMPELLER COMPLETE	STAINLESS STEEL
13	300000098	IMPELLER	STAINLESS STEEL
6X12 JOINING			
14aS	3000003648	SUCTION INTERCONNECTOR COMPLETE	N.A.
14	3000001830	SUCTION INTERCONNECTOR	STAINLESS STEEL
24a	100000399	O RING	NBR
16S	0	PUMP SHAFT WITH COUPLING	STAINLESS STEEL
18S	0	CABLE GUARD	STAINLESS STEEL
8X12 JOINING			
14aS	3000003649	SUCTION INTERCONNECTOR COMPLETE	N.A.
14	300000135	SUCTION INTERCONNECTOR	STAINLESS STEEL
24a	100000411	O RING	NBR
16S	0	PUMP SHAFT WITH COUPLING	STAINLESS STEEL
10X12 JOINING			
14aS	3000003650	SUCTION INTERCONNECTOR COMPLETE	N.A.
14	3000003076	SUCTION INTERCONNECTOR	STAINLESS STEEL
16S	0	PUMP SHAFT WITH COUPLING	STAINLESS STEEL
14b	300000829	SUCTION CASE TOP PLATE	STAINLESS STEEL
15	300000823	STRAINER	STAINLESS STEEL
17S	0	STRAP	STAINLESS STEEL
18S	0	CABLE GUARD	STAINLESS STEEL
18a	100000085	SCREW FOR CABLE GUARD	STAINLESS STEEL
19	100000389	NUT	STAINLESS STEEL
28	300004002	LOCK FOR STRAINER	STAINLESS STEEL
39	300000797	SPRING	SPRING STEEL
70	300000758	VALVE GUIDE COMPLETE	STAINLESS STEEL
71	100000779	WASHER	STAINLESS STEEL
72	300000655	WEAR RING	STAINLESS STEEL

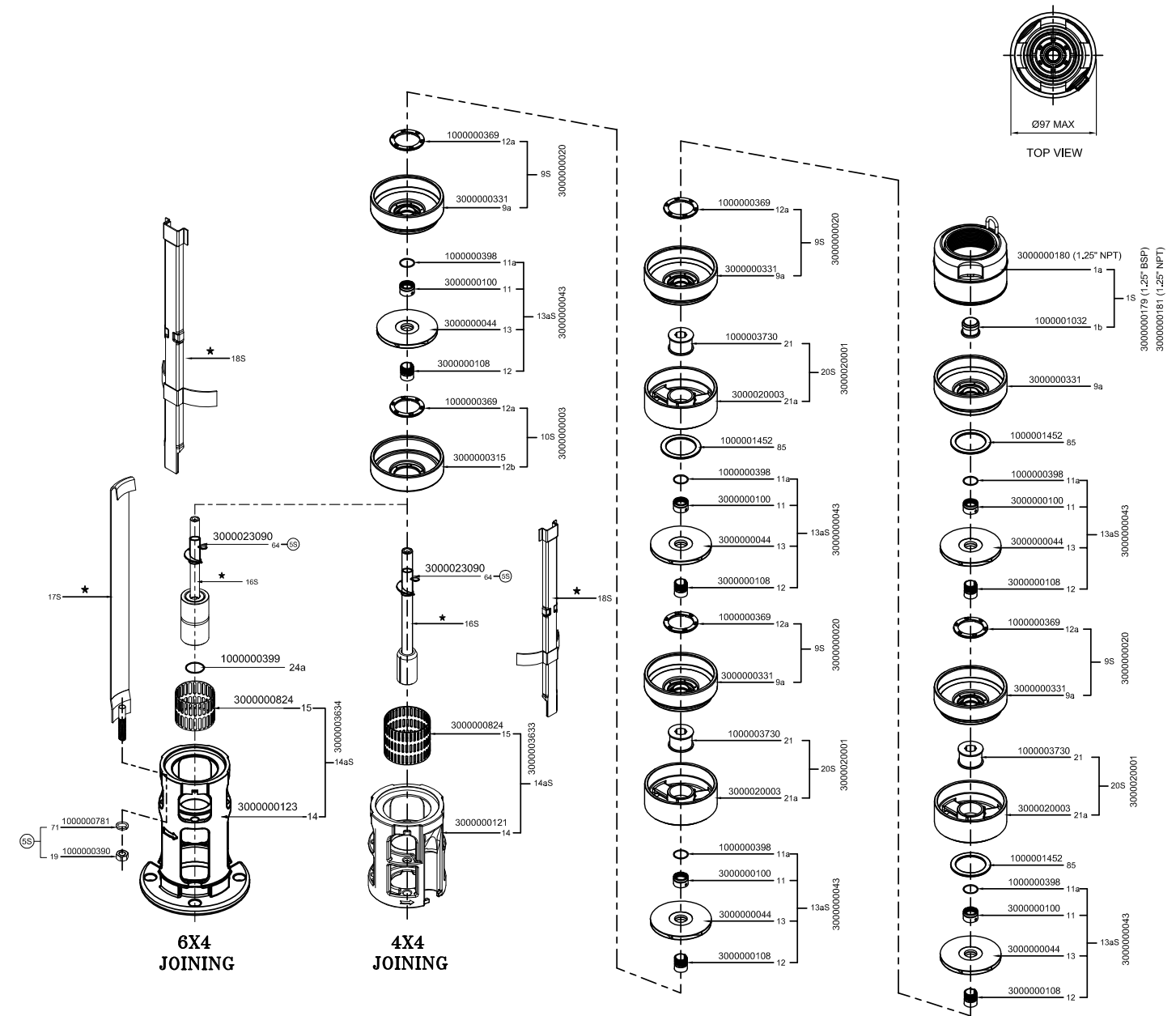


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MATERIAL SPECIFICATION SCBNG-2 PUMP

EXPLODED VIEW SCBNG-2 PUMP

POS.	MATERIAL CODE	DESCRIPTION	MATERIAL
1S	300000179 (1.25" BSP) 300000181 (1.25" NPT)	VALVE CASING COMPLETE	N.A.
1a	300000180 (1.25" NPT)	VALVE CASING	STAINLESS STEEL
1b	100001032	TOP BEARING	NBR
9S	300000020	INTERMEDIATE CHAMBER COMPLETE	N.A.
9a	300000331	INTERMEDIATE CHAMBER	STAINLESS STEEL
10S	300000003	BOTTOM CHAMBER COMPLETE	N.A.
11	300000100	SPLIT CONE NUT	STAINLESS STEEL
11a	100000398	O RING	STAINLESS STEEL
12	300000108	SPLIT CONE	STAINLESS STEEL
12a	100000369	NECKRING	NBR/PPS
12b	300000315	BOTTOM CHAMBER	STAINLESS STEEL
13aS	300000043	IMPELLER COMPLETE	STAINLESS STEEL
13	300000044	IMPELLER	STAINLESS STEEL
4X4 JOINING			
14aS	300003633	SUCTION INTERCONNECTOR COMPLETE	N.A.
14	300000121	SUCTION INTERCONNECTOR	STAINLESS STEEL
16S	0	PUMP SHAFT WITH COUPLING	STAINLESS STEEL
18S	0	CABLE GUARD	STAINLESS STEEL
6X4 JOINING			
14aS	300003634	SUCTION INTERCONNECTOR COMPLETE	N.A.
14	300000123	SUCTION INTERCONNECTOR	STAINLESS STEEL
24a	100000399	O-RING	NBR
16S	0	PUMP SHAFT WITH COUPLING	STAINLESS STEEL
18S	0	CABLE GUARD	STAINLESS STEEL
15	300000824	STRAINER	STAINLESS STEEL
17S	0	STRAP	STAINLESS STEEL
19	100000390	NUT	STAINLESS STEEL
20S	300020001	INTERMEDIATE SUPPORT COMPLETE	N.A.
21a	300020003	INTERMEDIATE SUPPORT	STAINLESS STEEL
21	100003730	BEARING BUSH	NBR
64	300023090	PRIMING SCREW	STAINLESS STEEL
71	100000781	WASHER	STAINLESS STEEL
85	100001452	STOP RING	CARBON / GRAPHITE

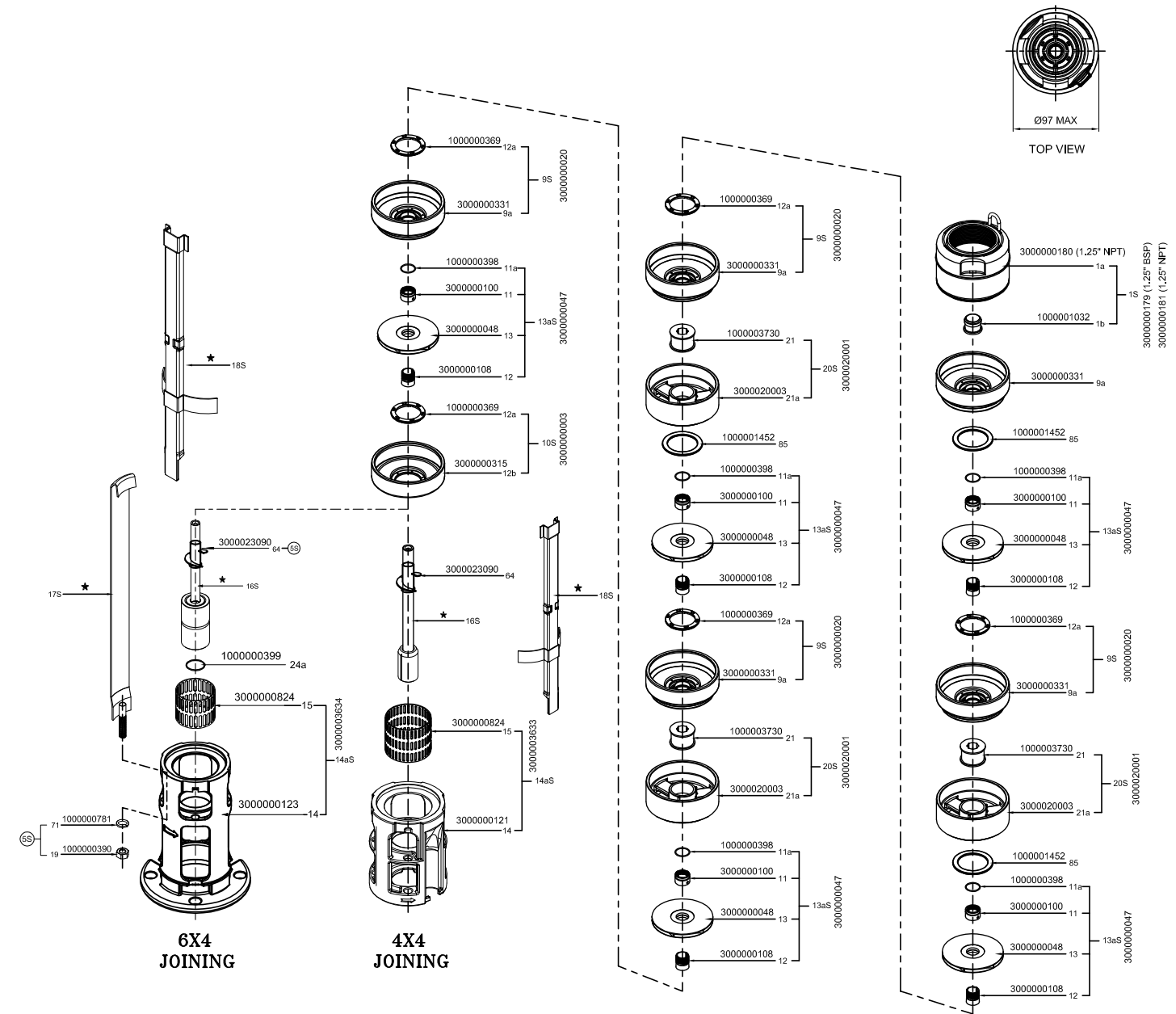


A	B	C	C1	D	D1	E	F	G	H	I	J	K

MATERIAL SPECIFICATION SCBNG-5 PUMP

EXPLODED VIEW SCBNG-5 PUMP

POS.	MATERIAL CODE	DESCRIPTION	MATERIAL
1S	300000179 (1.25" BSP) 300000181 (1.25" NPT)	VALVE CASING COMPLETE	N.A.
1a	300000180 (1.25" NPT)	VALVE CASING	STAINLESS STEEL
1b	100001032	TOP BEARING	NBR
9S	300000020	INTERMEDIATE CHAMBER COMPLETE	N.A.
9a	300000331	INTERMEDIATE CHAMBER	STAINLESS STEEL
10S	300000003	BOTTOM CHAMBER COMPLETE	N.A.
11	300000100	SPLIT CONE NUT	STAINLESS STEEL
11a	100000398	O RING	STAINLESS STEEL
12	300000108	SPLIT CONE	STAINLESS STEEL
12a	100000369	NECKRING	NBR/PPS
12b	300000315	BOTTOM CHAMBER	STAINLESS STEEL
13aS	300000047	IMPELLER COMPLETE	STAINLESS STEEL
13	300000048	IMPELLER	STAINLESS STEEL
4X4 JOINING			
14aS	300003633	SUCTION INTERCONNECTOR COMPLETE	N.A.
14	300000121	SUCTION INTERCONNECTOR	STAINLESS STEEL
16S	0	PUMP SHAFT WITH COUPLING	STAINLESS STEEL
18S	0	CABLE GUARD	STAINLESS STEEL
6X4 JOINING			
14aS	300003634	SUCTION INTERCONNECTOR COMPLETE	N.A.
14	300000123	SUCTION INTERCONNECTOR	STAINLESS STEEL
24a	100000399	O-RING	NBR
16S	0	PUMP SHAFT WITH COUPLING	STAINLESS STEEL
18S	0	CABLE GUARD	STAINLESS STEEL
15	300000824	STRAINER	STAINLESS STEEL
17S	0	STRAP	STAINLESS STEEL
19	100000390	NUT	STAINLESS STEEL
20S	300002001	INTERMEDIATE SUPPORT COMPLETE	N.A.
21a	300002003	INTERMEDIATE SUPPORT	STAINLESS STEEL
21	100003730	BEARING BUSH	NBR
64	3000023090	PRIMING SCREW	STAINLESS STEEL
71	100000781	WASHER	STAINLESS STEEL
85	100001452	STOP RING	CARBON / GRAPHITE

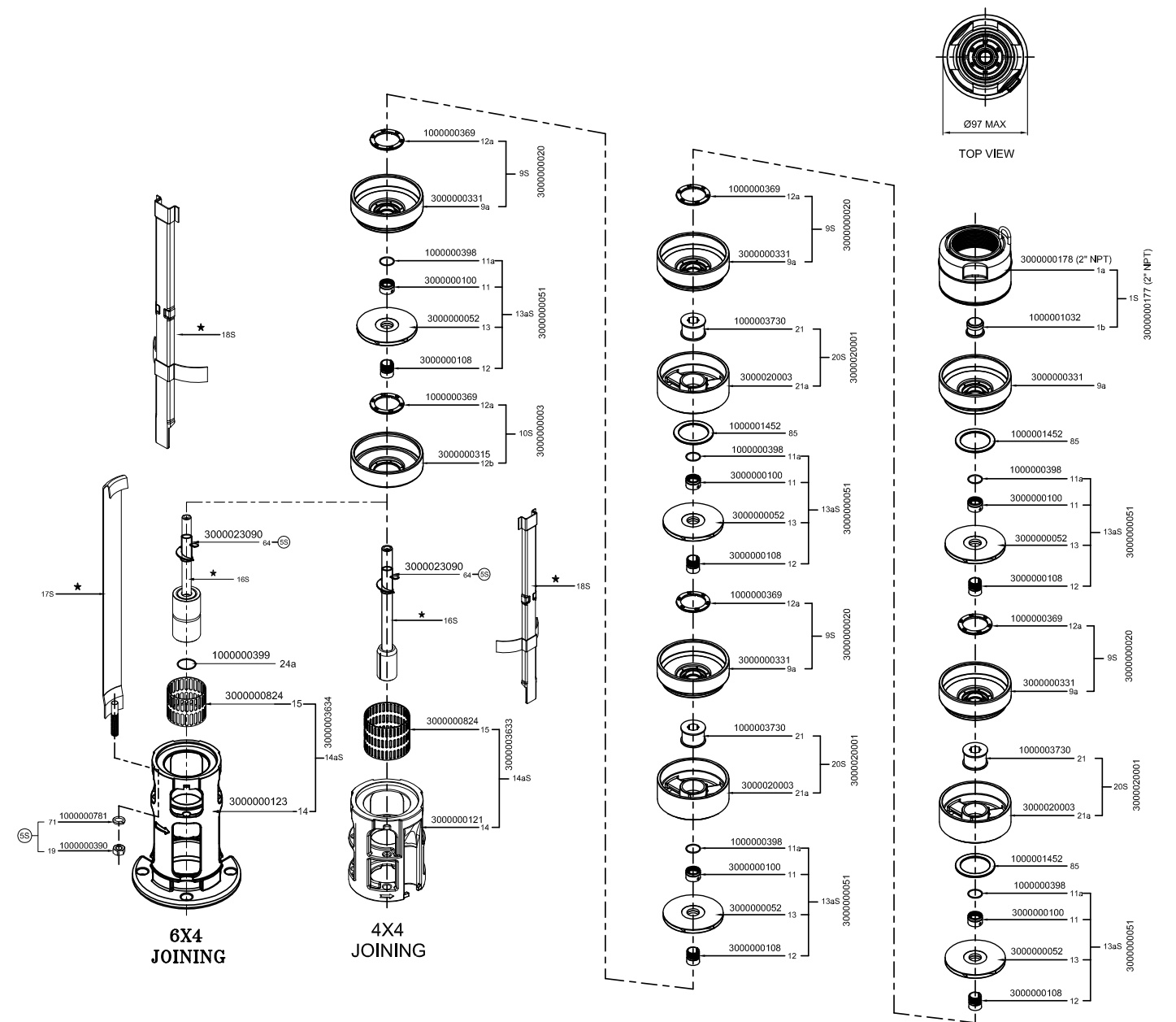


A	B	C	C1	D	D1	E	F	G	H	I	J	K

MATERIAL SPECIFICATION SCBNG-6 PUMP





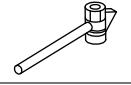
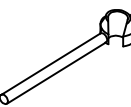
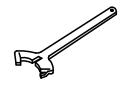



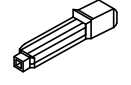



POS.	MATERIAL CODE	DESCRIPTION	MATERIAL
1S	300000177 (2" NPT)	VALVE CASING COMPLETE	N.A.
1a	300000178 (2" NPT)	VALVE CASING	STAINLESS STEEL
1b	100001032	TOP BEARING	NBR
9S	300000020	INTERMEDIATE CHAMBER COMPLETE	N.A.
9a	300000331	INTERMEDIATE CHAMBER	STAINLESS STEEL
10S	300000003	BOTTOM CHAMBER COMPLETE	N.A.
11	300000100	SPLIT CONE NUT	STAINLESS STEEL
11a	100000398	O RING	STAINLESS STEEL
12	300000108	SPLIT CONE	STAINLESS STEEL
12a	100000369	NECKRING	NBR/PPS
12b	300000315	BOTTOM CHAMBER	STAINLESS STEEL
13aS	300000051	IMPELLER COMPLETE	STAINLESS STEEL
13	300000052	IMPELLER	STAINLESS STEEL
4X4 JOINING			
14aS	300003633	SUCTION INTERCONNECTOR COMPLETE	N.A.
14	300000121	SUCTION INTERCONNECTOR	STAINLESS STEEL
16S	0	PUMP SHAFT WITH COUPLING	STAINLESS STEEL
18S	0	CABLE GUARD	STAINLESS STEEL
6X4 JOINING			
14aS	300003634	SUCTION INTERCONNECTOR COMPLETE	N.A.
14	300000123	SUCTION INTERCONNECTOR	STAINLESS STEEL
24a	100000399	O-RING	NBR
16S	0	PUMP SHAFT WITH COUPLING	STAINLESS STEEL
18S	0	CABLE GUARD	STAINLESS STEEL
15	300000824	STRAINER	STAINLESS STEEL
17S	0	STRAP	STAINLESS STEEL
19	100000390	NUT	STAINLESS STEEL
20S	300020001	INTERMEDIATE SUPPORT COMPLETE	N.A.
21a	300020003	INTERMEDIATE SUPPORT	STAINLESS STEEL
21	100003730	BEARING BUSH	NBR
64	300023090	PRIMING SCREW	STAINLESS STEEL
71	100000781	WASHER	STAINLESS STEEL
85	100001452	STOP RING	CARBON / GRAPHITE

EXPLODED VIEW SCBNG-6 PUMP



A	B	C	C1	D	D1	E	F	G	H	I	J	K

ASSEMBLY TOOLS FOR SUBMERSIBLE PUMP V4, V6, V8, V10 & V12

TOOLS	POSITION NO.	TOOLS DESCRIPTION	CODE	SUITABLE FOR MODEL
	A	Mounting Plate	3000017409	For V4 and V6 pump
			3000023847	For V8 pump
			3000023848	For V10 pump
			3000023849	For V12 pump
	B	Spacing Pipe	3000016968	For V4 pump
			3000023851	For V6 pump
			3000023852	For V8 & V10 pump
			3000023853	For V12 pump
	C	Allen Screw M8x100	2000000880	For V4 pump
		Allen Screw M10x110	2000000716	For V6 pump
		Allen Screw M10x140	2000000881	For V8 & V10 pump
		Allen Screw M10x160	4100000951	For V12 pump
	C1	Washer M8	2000006617	For V4 pump
		Washer M10	1000005494	For V6, V8, V10, V12 Pump
	D	Collate Spanner QF - 1/6	4300009892	For QF-1, 1, 5, 2, 5, 6 (Collate)
		Collate Spanner QF - 12 (12.7)	4300009896	For QF-12 (12.7 mm Shaft)
		Collate Spanner QF - 12 (16)	4300028237	For QF-12 (16.0 mm Shaft)
	D1	Collate Spanner QF - 20/25 (16)	4300009894	For QF-20/25 (16.0 mm Shaft)
		Collate Spanner QF - 8/30 (20)	4300009895	For QF-8, 10, 15, 30(20.0 mm Shaft)
		Collate Spanner QF - 50/100 (22)	4300009896	For QF-50,75, 100 (22.0 mm Shaft)
		Collate Spanner QF - 125/160 (25)	4300009898	For QF-101,105,110,115,125,160 (25.0 mm Shaft)
		Collate Spanner QF - 210/270 (32)	4300009899	For QF-210/270 (32.0 mm Shaft)
		Collate Spanner QF - 360 (45)	4300009900	For QF-360 (45.0 mm Shaft)
	E	Impeller Locking Spanner QF -20/25	4300028238	For QF-20/25 Impeller
		Impeller Locking Spanner QF - 10/30	4300028239	For QF-8,10,15,30 Impeller
		Impeller Locking Spanner QF - 50,75/100	4300016953	For QF-50,75/100 Impeller
		Impeller Locking Spanner QF - 125/160	4300016955	For QF-101,105,110,115,125/160 Impeller
		Impeller Locking Spanner QF- 210 /270 /360	4300016956	For QF-210/270/360 Impeller
	F	Allen key Spanner M8	2000000658	For V4 pump
		Allen key Spanner M10	2000000777	For V6, V8, V10, V12 pump
	G	Ring Spanner 12 X 13	1000004400	For V4 pump
		Fix / Ring Spanner 19 X 19	1000002927	For V6 pump
		Fix / Ring Spanner 24 X 24	1000004603	For V8, V10, V12 pump
	H	Torque Wrench Collate Spanner QF-1/6	4300028243	For QF-1, 1, 5, 2, 5, 6 (Collate)
		Torque Wrench Collate Spanner QF-12 (12.7)	4300028245	For QF-12 (12.7 mm Shaft)
		Torque Wrench Collate Spanner QF-20/25 (16)	4300028246	For QF-12/20/25 (16.0 mm Shaft)
		Torque Wrench Collate Spanner QF-10/30 (20)	4300028247	For QF-8,10,15,30 (20.0 mm Shaft)
		Torque Wrench Collate Spanner QF-50/100 (22)	4300028248	For QF-50,75,100 (22.0 mm Shaft)
		Torque Wrench Collate Spanner QF-125/160 (25)	4300028249	For QF-101,105,110,115,125,160 (25.0 mm Shaft)
		Torque Wrench Collate Spanner QF-210/270 (32)	4300028250	For QF-210/270 (32.0 mm Shaft)
Torque Wrench Collate Spanner QF-360 (45)	4300028251	For QF-360 (45.0 mm Shaft)		
	I	Holder For Spline V4	4300028240	For V4 Joining Pump
		Holder For Spline V6	4300028241	For V6 Joining Pump
		Holder For Spline V8	4300028242	For V8 Joining Pump
	J	Free Rotation Tools For Spline V4	4300009889	For V4 Joining Pump
		Free Rotation Tools For Spline V6	4300009890	For V6 Joining Pump
		Free Rotation Tools For Spline V8	4300009891	For V8 Joining Pump
	K	Assembly Block QF-75/100	3000023854	For QF-75/100