



SERVICE KIT

SUBMERSIBLE PUMPS
SPARE PARTS

30 Dec. 2024 R2 | Dec./2024-25/L3/0000 | VC: 0000 | SAP No.: 29000000120



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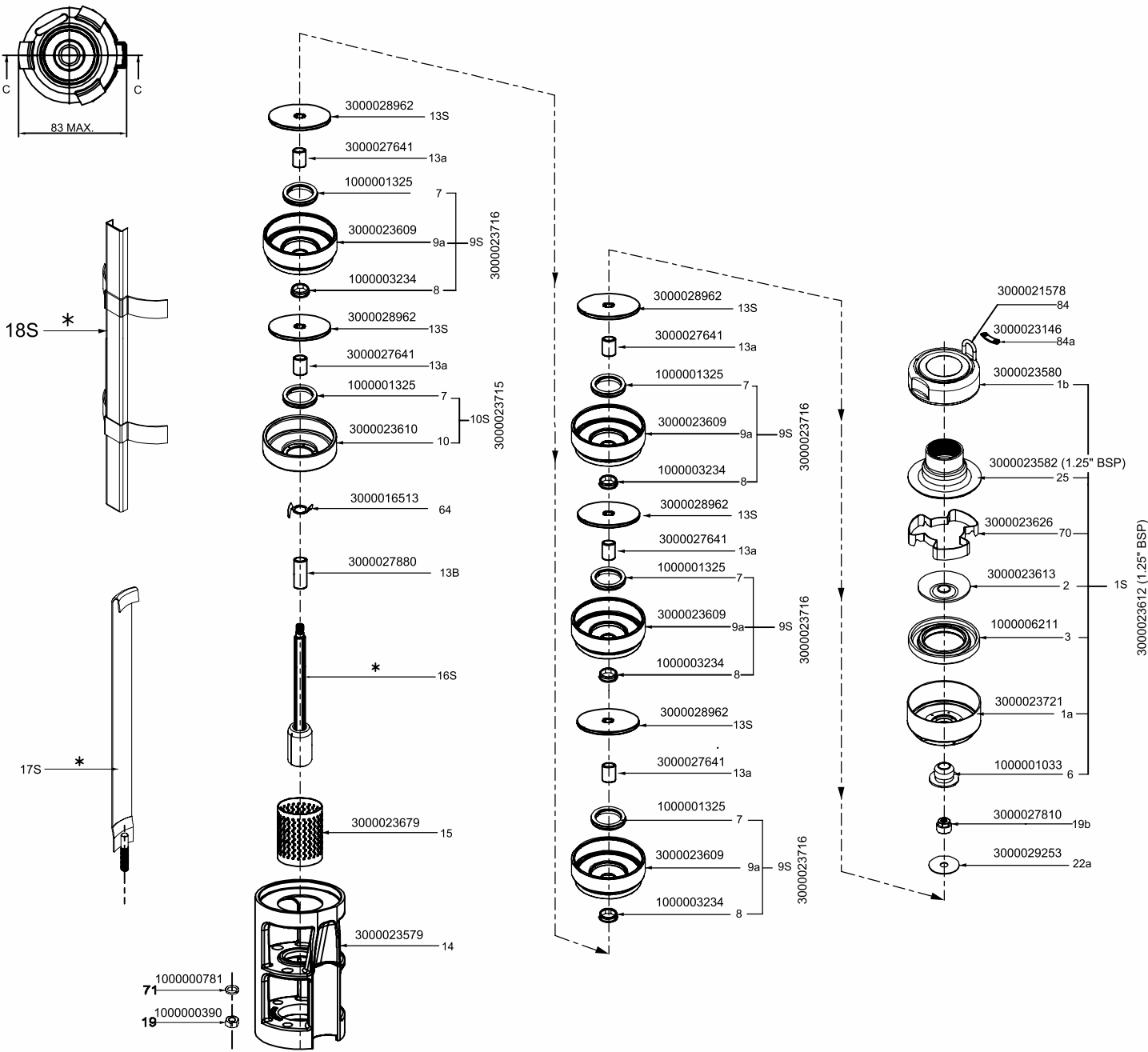
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MATERIAL SPECIFICATION



Exploded View Q3

MAIN ASSEMBLY		SUB ASSEMBLY		
GROUP	POS	MATERIAL CODE	PART DESCRIPTION	MATERIAL
1S 3000023612 VALVE CASING COMPLETE (1.25" BSP)	84	3000021578	NRV HOOK	STAINLESS STEEL
	84a	3000023146	NRV HOOK LOCK	STAINLESS STEEL
	1b	3000023580	TOP CUP NRV	STAINLESS STEEL
	25	3000023582	NRV SLEEVE 1.25" BSP	STAINLESS STEEL
	2	3000023613	VALVE CONE	STAINLESS STEEL
	3	1000006211	VALVE SEAT	NBR
	70	3000023626	VALVE GUIDE	STAINLESS STEEL
	6	1000001033	TOP BEARING	NBR
	1a	3000023721	TOP DIFF. ASSLY	N.A.
	22a	3000029253	TOP WASHER	STAINLESS STEEL
9S 3000023716 INTER CHAMBER	7	1000001325	NECKRING	NBR/PPS
	9a	3000023609	DIFF ASSY	STAINLESS STEEL
	8	1000003234	BEARING	NBR
	13S	3000028962	IMPELLER	STAINLESS STEEL
	13a	3000027641	IMPELLER SLEEVE	STAINLESS STEEL
10S 3000023715 BOTTOM CHAMBER	7	1000001325	NECKRING	NBR/PPS
	10	3000023610	DIFF CUP	STAINLESS STEEL
	19b	3000027810	TOP NUT	STAINLESS STEEL
	13B	3000027880	SPACING PIPE	STAINLESS STEEL
	71	1000000781	SPRING WASHER	STAINLESS STEEL
	19	1000000390	NUT	STAINLESS STEEL
	64	3000016513	PRIMING SCREW	STAINLESS STEEL
	16S	*	PUMP SHAFT WITH COUPLING	STAINLESS STEEL
(3X3)	14	3000023579	SUCTION INTERCONNECTOR	STAINLESS STEEL
	15	3000023679	STRAINER	STAINLESS STEEL
	17S	*	CLAMPING STRIP	STAINLESS STEEL
	18S	*	CABLE GUARD	STAINLESS STEEL

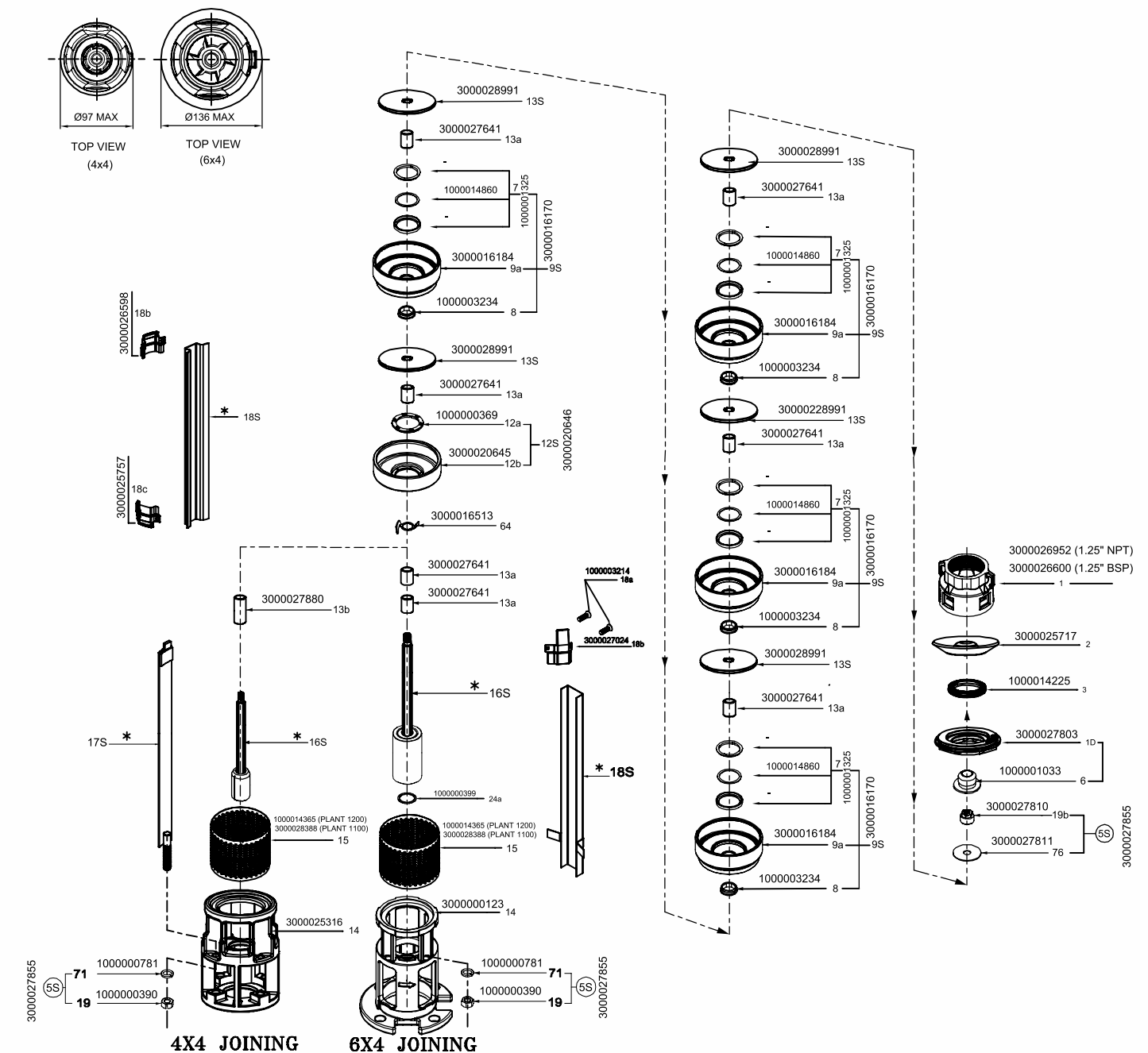


3X3 JOINING

MATERIAL SPECIFICATION

MAIN ASSEMBLY		SUB ASSEMBLY		
GROUP	POS	MATERIAL CODE	PART DESCRIPTION	MATERIAL
NRV COMPLETE (1.25") (BSP)	1	3000026600	NRV (1.25") (BSP)	STAINLESS STEEL
NRV COMPLETE (1.25") (NPT)	1	3000026952	NRV (1.25") (NPT)	STAINLESS STEEL
	2	3000025717	FLAP	STAINLESS STEEL
	3	1000014225	VALVE SEAT	NBR
	1d	3000027803	TOP DIFFUSER ASSLY NGP-1/6	STAINLESS STEEL
9S 3000016170 INTER CHAMBER	7	1000001325	NECKRING	NBR/PPS
	9a	3000016184	DIFF ASSY	STAINLESS STEEL
	8	1000003234	BEARING	NBR
5S 3000027855 HARDWARE				
	19b	3000027810	TOP NUT	STAINLESS STEEL
	76	3000027811	TOP WASHER	STAINLESS STEEL
	13b	3000027880	SPACING PIPE (4X4)	STAINLESS STEEL
	13a	3000027641	IMPELLER SLEEVE	STAINLESS STEEL
	71	1000000781	SPRING WASHER	STAINLESS STEEL
	19	1000000390	NUT	STAINLESS STEEL
	64	3000016513	PRIMING SCREW	STAINLESS STEEL
	18a	1000003214	PAN HEAD SCREW	STAINLESS STEEL
	18b	3000026598	CABLE GUARD CLAMP (UPPER) 4X4	STAINLESS STEEL
	18b	3000027024	CABLE GUARD CLAMP (UPPER) 6X4	STAINLESS STEEL
	18c	3000025757	CABLE GUARD CLAMP (LOWER) 4X4	STAINLESS STEEL
	13S	3000028991	IMPELLER	STAINLESS STEEL
	16S	*	PUMP SHAFT WITH COUPLING	STAINLESS STEEL
(6X4)	24a	1000000399	O-RING	NBR
(4X4)	14	3000025316	SUCTION INTERCONNECTOR	STAINLESS STEEL
	15	3000028388	STRAINER (PLANT 1100)	STAINLESS STEEL
	15	1000014365	STRAINER (PLANT 1200)	PBT
(6X4)	14	3000000123	SUCTION INTERCONNECOTR	STAINLESS STEEL
	15	3000028388	STRAINER (PLANT 1100)	STAINLESS STEEL
	15	1000014365	STRAINER (PLANT 1200)	PBT
	17S	*	CLAMPING STRIP	STAINLESS STEEL
	18S	*	CABLE GUARD	STAINLESS STEEL
7 NECKRING 1000001325	-	-	UPPER SUPPORT	PBT
	-	1000014860	TEFLON RING	PTFE
	-	-	LOWER SUPPORT	PBT

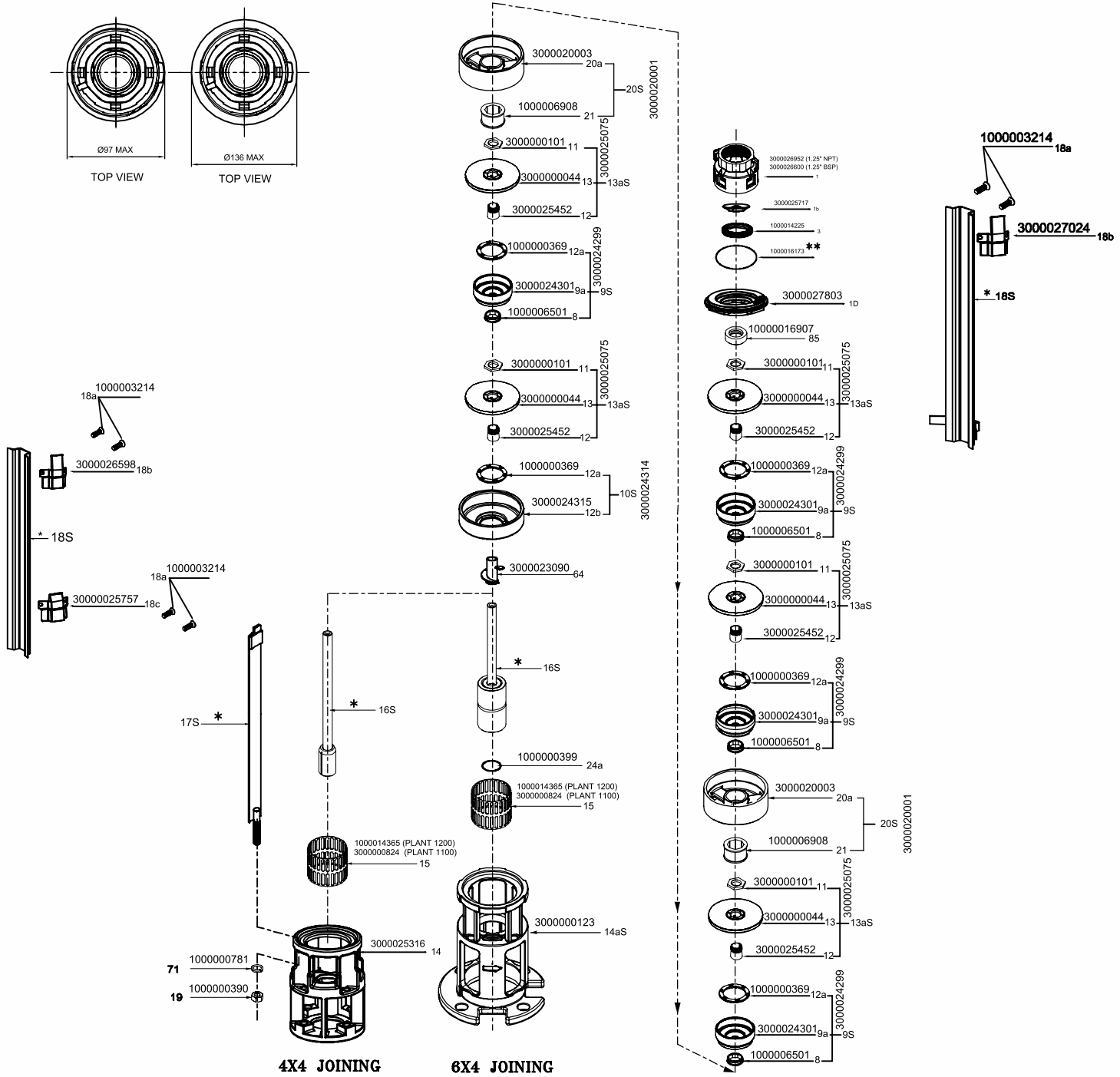
Exploded View QF 1 (NGP)



MATERIAL SPECIFICATION

MAIN ASSEMBLY		SUB ASSEMBLY		
GROUP	POS	MATERIAL CODE	PART DESCRIPTION	MATERIAL
NRV COMPLETE (1.25") (BSP)	1	3000026600	VALVE CASING (1.25"BSP)	STAINLESS STEEL
NRV COMPLETE (1.25") (NPT)	1	3000026952	VALVE CASING (1.25"NPT)	STAINLESS STEEL
	2	3000025717	FLAP	STAINLESS STEEL
	3	1000014225	VALVE SEAT	NBR
	1D	3000027803	NRV BOTTOM PLATE ASSLY	N.A.
	85	1000006907	STOP RING	CARBON/GRAPHITE HY22 IN TEFLON MASS
13aS 3000025075 IMPELLER COMPLETE	11	3000000101	SPLIT CONE NUT	STAINLESS STEEL
	13	3000000044	IMPELLER	STAINLESS STEEL
	12	3000025452	SPLIT CONE	STAINLESS STEEL
9S 3000024299 INTER CHAMBER	7	1000000369	NECKRING	NBR/PPS
	9a	3000024301	DIFF ASSY	N.A.
	8	1000006501	BEARING	NBR
20S INTERMEDIATE SUPPORT ASSLY 3000020001	20A	3000020003	INTERMEDIATE SUPPORT	STAINLESS STEEL
	21	1000006908	BUSH BEARING	NBR
10S DIFFUSER ASSLY BOTTOM 3000024314	7	1000000369	NECKRING	NBR/PPS
	12b	3000024315	DIFF ASSLY(BOTTOM)	N.A.
	71	1000000781	SPRING WASHER	STAINLESS STEEL
	19	1000000390	NUT	STAINLESS STEEL
	64	3000023090	PRIMING SCREW	STAINLESS STEEL
	18a	1000003214	PAN HEAD SCREW	STAINLESS STEEL
	18b	3000026598	CABLE GUARD CLAMP (UPPER) 4X4	STAINLESS STEEL
	18b	3000027024	CABLE GUARD CLAMP (UPPER) 6X4	STAINLESS STEEL
	18c	3000025757	CABLE GUARD CLAMP (LOWER) 4X4	STAINLESS STEEL
	16S	*	PUMP SHAFT WITH COUPLING	STAINLESS STEEL
(6X4)	24a	1000000399	O-RING	NBR
(4X4)	14	3000025316	SUCTION INTERCONNECTOR	STAINLESS STEEL
	15	1000014365	STRAINER (1200)	PBT
	15	3000000824	STRAINER (1100)	STAINLESS STEEL
(6X4)	14	3000000123	SUCTION INTERCONNECOTR	STAINLESS STEEL
	15	1000014365	STRAINER (1200)	PBT
	15	3000000824	STRAINER (1100)	STAINLESS STEEL
	17S	*	CLAMPING STRIP	STAINLESS STEEL
	18S	*	CABLE GUARD	STAINLESS STEEL

Exploded View QF 2 (Collet)

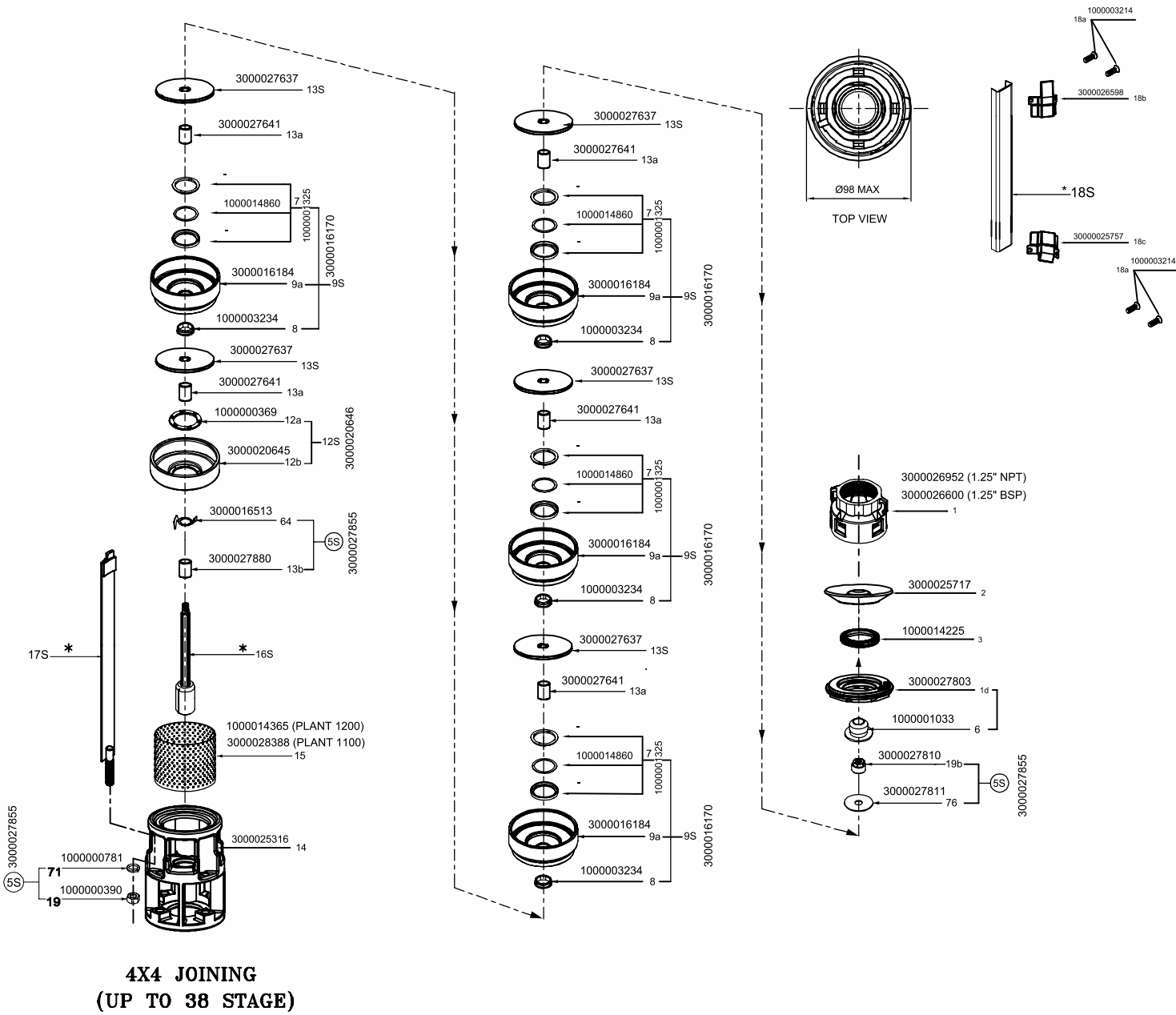


NOTE: ~ AS PER STAGE
** USE 1000016173 ABOVE 25 STAGE

MATERIAL SPECIFICATION

MAIN ASSEMBLY		SUB ASSEMBLY			
GROUP	POS.	MATERIAL CODE	DESCRIPTION	MATERIAL	
NRV COMPLETE (1.25") (BSP)	1	3000026600 (1.25" BSP)	NRV (1.25") (BSP)	STAINLESS STEEL	
NRV COMPLETE (1.25") (NPT)	1	3000026952 (1.25" NPT)	NRV (1.25") (NPT)	STAINLESS STEEL	
	2	3000025717	FLAP	STAINLESS STEEL	
	3	1000014225	VALVE SEAT	NBR	
	1d	3000027803	TOP DIFFUSER ASSLY NGP-1/6	STAINLESS STEEL	
9S	7	1000001325	NECKRING	PTFE / PBT	
3000016170	8	1000003234	INTERMEDIATE BEARING	NBR	
INTER CHAMBER COMPLETE	9a	3000016184	INTER CHAMBER	STAINLESS STEEL	
12S	12a	1000000369	NECKRING 1st STAGE	NBR/PPS	
3000020646	12b	3000020645	BOTTOM CHAMBER	STAINLESS STEEL	
BOTTOM CHAMBER COMPLETE					
	13S	3000027637	IMPELLER NGP-2	STAINLESS STEEL	
	13a	3000027641	IMPELLER SLEEVE	STAINLESS STEEL	
	14	3000025316	SUCTION INTERCONNECTOR	STAINLESS STEEL	
	6	1000001033	TOP BEARING	NBR	
	13b	3000027880	SPACING PIPE	STAINLESS STEEL	
	17S	○	CLAMPING STRIP	STAINLESS STEEL	
	16S	○	PUMP SHAFT WITH COUPLING	STAINLESS STEEL	
	18S	○	CABLE GUARD	STAINLESS STEEL	
	18a	1000003214	CHEESE HEAD SCREW	STAINLESS STEEL	
	18b	3000026598	CABLE GUARD CLAMP UPPER	STAINLESS STEEL	
	18c	3000025757	CABLE GUARD CLAMP	STAINLESS STEEL	
	19b	30000027810	TOP NUT	STAINLESS STEEL	
	15	3000028388	STRAINER (PLANT 1100)	STAINLESS STEEL	
	15	1000014365	STRAINER (PLANT 1200)	PBT	
	19	1000000390	NUT	STAINLESS STEEL	
	71	1000000781	WASHER	STAINLESS STEEL	
	76	3000027811	TOP WASHER	STAINLESS STEEL	
	64	3000016513	PRIMING SCREW	STAINLESS STEEL	
7	-	-	UPPER SUPPORT	PBT	
NECKRING	-	1000014860	TEFLON RING	PTFE	
1000001325	-	-	LOWER SUPPORT	PBT	

EXPLODED VIEW QF 2 (NGP)

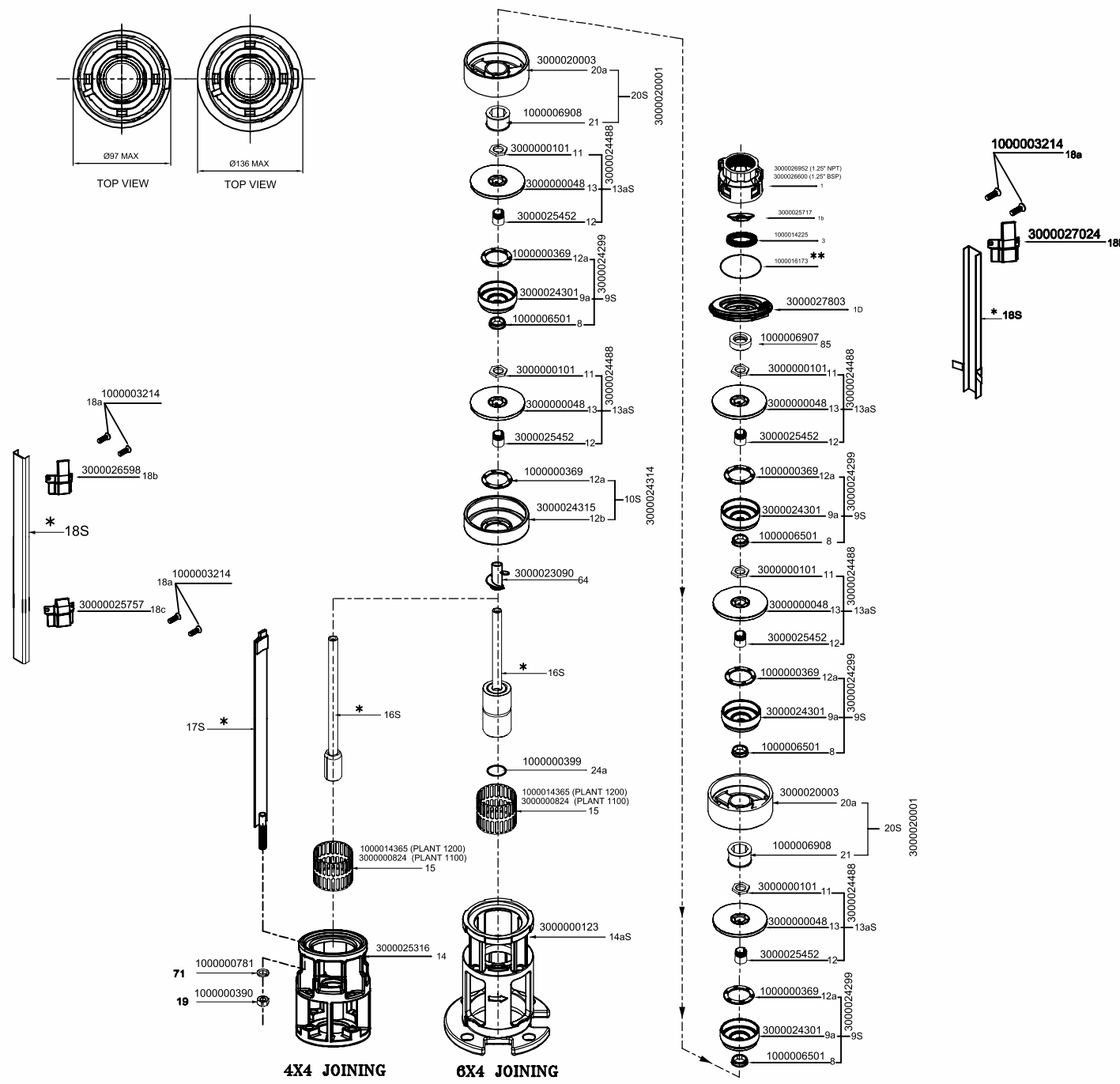


NOTE :- * = AS PER REQUIRED STAGE

MATERIAL SPECIFICATION

MAIN ASSEMBLY		SUB ASSEMBLY		
GROUP	POS	MATERIAL CODE	PART DESCRIPTION	MATERIAL
NRV COMPLETE (1.25") (BSP)	1	3000026600	VALVE CASING (1.25"BSP)	STAINLESS STEEL
NRV COMPLETE (1.25") (NPT)	1	3000026952	VALVE CASING (1.25"NPT)	STAINLESS STEEL
	2	3000025717	FLAP	STAINLESS STEEL
	3	1000014225	VALVE SEAT	NBR
	1D	3000027803	NRV BOTTOM PLATE ASSLY	N.A.
	85	1000006907	STOP RING	CARBON/GRAPHITE HY22 IN TEFLON MASS
13aS 3000024488 IMPELLER COMPLETE	11	3000000101	SPLIT CONE NUT	STAINLESS STEEL
	13	3000000048	IMPELLER	STAINLESS STEEL
	12	3000025452	SPLIT CONE	STAINLESS STEEL
9S 3000024299 INTER CHAMBER	7	1000000369	NECKRING	NBR/PPS
	9a	3000024301	DIFF ASSY	N.A.
	8	1000006501	BEARING	NBR
20S INTERMEDIATE SUPPORT ASSLY 3000020001	20A	3000020003	INTERMEDIATE SUPPORT	STAINLESS STEEL
	21	1000006908	BUSH BEARING	NBR
10S DIFFUSER ASSLY BOTTOM 3000024314	7	1000000369	NECKRING	NBR/PPS
	12b	3000024315	DIFF ASSLY(BOTTOM)	N.A.
	71	1000000781	SPRING WASHER	STAINLESS STEEL
	19	1000000390	NUT	STAINLESS STEEL
	64	3000023090	PRIMING SCREW	STAINLESS STEEL
	18a	1000003214	PAN HEAD SCREW	STAINLESS STEEL
	18b	3000026598	CABLE GUARD CLAMP (UPPER) 4X4	STAINLESS STEEL
	18b	3000027024	CABLE GUARD CLAMP (UPPER) 6X4	STAINLESS STEEL
	18c	3000025757	CABLE GUARD CLAMP (LOWER) 4X4	STAINLESS STEEL
	16S	*	PUMP SHAFT WITH COUPLING	STAINLESS STEEL
(6X4)	24a	1000000399	O-RING	NBR
(4X4)	14	3000025316	SUCTION INTERCONNECTOR	STAINLESS STEEL
	15	1000014365	STRAINER (1200)	PBT
	15	3000000824	STRAINER (1100)	STAINLESS STEEL
(6X4)	14	3000000123	SUCTION INTERCONNECOTR	STAINLESS STEEL
	15	1000014365	STRAINER (1200)	PBT
	15	3000000824	STRAINER (1100)	STAINLESS STEEL
	17S	*	CLAMPING STRIP	STAINLESS STEEL
	18S	*	CABLE GUARD	STAINLESS STEEL

Exploded View QF 5 (Collet)



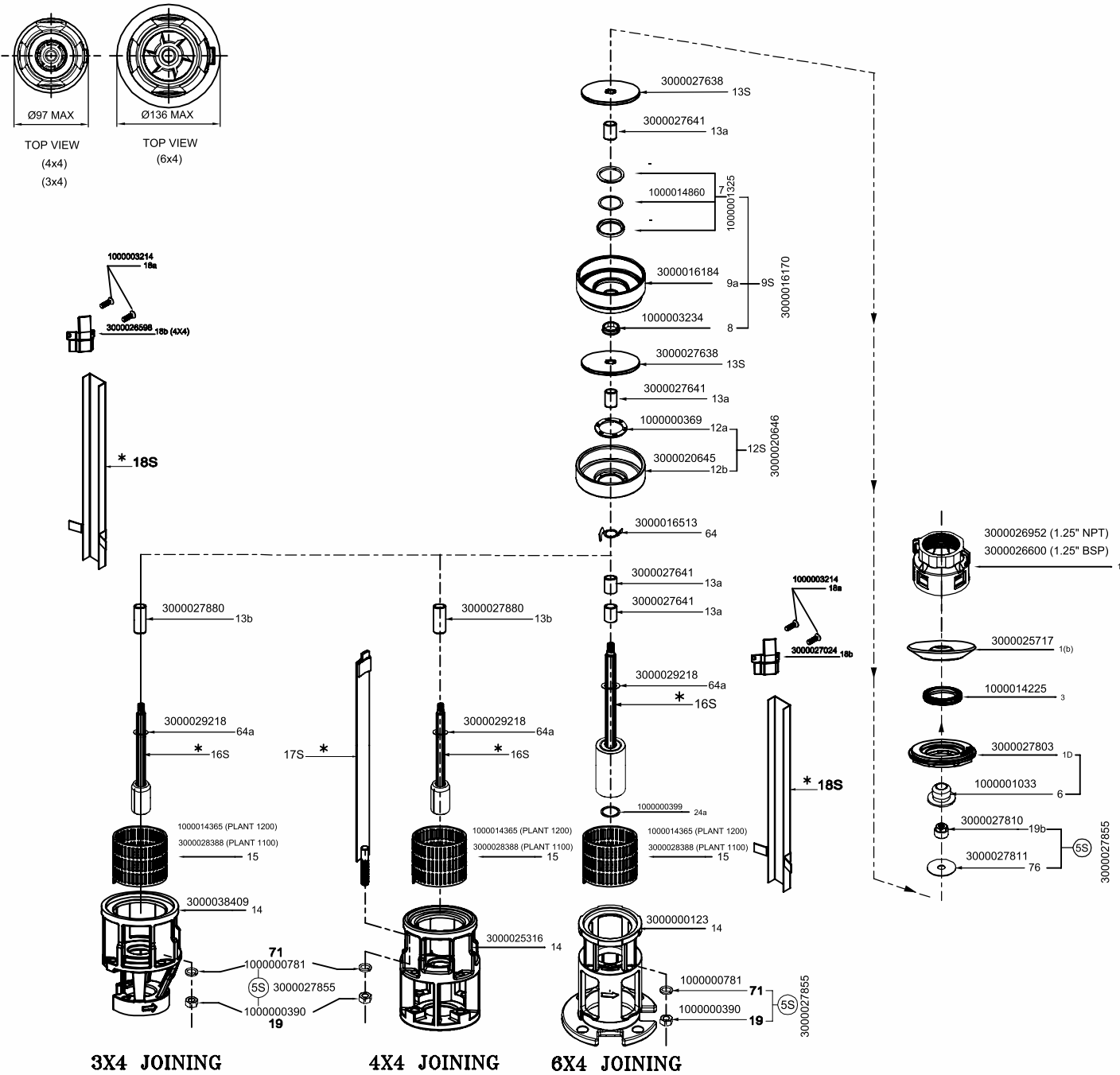
NOTE:- * AS PER STAGE
** USE 1000016173 ABOVE 25 STAGE

MATERIAL SPECIFICATION

MAIN ASSEMBLY		SUB ASSEMBLY			
GROUP	POS	MATERIAL CODE	PART DESCRIPTION	MATERIAL	
NRV COMPLETE (1.25") (BSP)	1	3000026600 (1.25" BSP)	NRV (1.25") (BSP)	STAINLESS STEEL	
NRV COMPLETE (1.25") (NPT)	1	3000026952 (1.25" NPT)	NRV (1.25") (NPT)	STAINLESS STEEL	
	2	3000025717	FLAP	STAINLESS STEEL	
	3	1000014225	VALVE SEAT	NBR	
	1d	3000027803	TOP DIFFUSER ASSLY NGP-1/6	STAINLESS STEEL	
	6	1000001033	TOP BEARING QF-1/6 (S) (6)		
9S 3000016170 INTER CHAMBER	7	1000001325	NECKRING	NBR/PPS	
	9a	3000016184	DIFF ASSY	STAINLESS STEEL	
	8	1000003234	BEARING	NBR	
12S 3000020646 BOTTOM CHAMBER	12b	3000020645	DIFF.AS.QF-1/6 (BOTT)	N.A.	
	12c	1000000369	NECKRING QF-1-6	N.A.	
5S 3000027855 HARDWARE	19b	3000027810	TOP NUT	STAINLESS STEEL	
	76	3000027811	TOP WASHER	STAINLESS STEEL	
	13B	3000027880	SPACING PIPE (4X4)	STAINLESS STEEL	
	13a	3000027641	IMPELLER SLEEVE	STAINLESS STEEL	
	71	1000000781	SPRING WASHER	STAINLESS STEEL	
	19	1000000390	NUT	STAINLESS STEEL	
	64	3000016513	PRIMING SCREW	STAINLESS STEEL	
	18a	1000003214	PAN HEAD SCREW	STAINLESS STEEL	
	18b	3000026598	CABLE GUARD CLAMP (UPPER) 4X4	STAINLESS STEEL	
	18b	3000027024	CABLE GUARD CLAMP (UPPER) 6X4	STAINLESS STEEL	
	18c	3000025757	CABLE GUARD CLAMP (LOWER) 4X4	STAINLESS STEEL	
	13S	3000027638	IMPELLER	STAINLESS STEEL	
	16S	*	PUMP SHAFT WITH COUPLING	STAINLESS STEEL	
(6X4)	24a	1000000399	O-RING	NBR	
(4X4)	14	3000025316	SUCTION INTER CONNECTOR	STAINLESS STEEL	
	15	3000028388	STRAINER (1100 PLANT)	STAINLESS STEEL	
	15	1000014365	STRAINER (1200 PLANT)	PBT	
(3X4)	14	3000038409	SUCTION INTER CONNECTOR	STAINLESS STEEL	
	15	3000028388	STRAINER (1100 PLANT)	STAINLESS STEEL	
	15	1000014365	STRAINER (1200 PLANT)	PBT	
(6X4)	14	3000000123	SUCTION INTER CONNECTOR	STAINLESS STEEL	
	15	3000028388	STRAINER (1100 PLANT)	STAINLESS STEEL	
	15	1000014365	STRAINER (1200 PLANT)	PBT	
	17S	*	CLAMPING STRIP	STAINLESS STEEL	
	18S	*	CABLE GUARD	STAINLESS STEEL	
7 1000001325 NECKRING	-	-	UPPER SUPPORT	PBT	
	-	1000014860	TEFLON RING	PTFE	
	-	-	LOWER SUPPORT	PBT	
	-	-			

NOTE: '*' As per stage (attached sheet)

EXPLODED VIEW QF 5 (NGP)

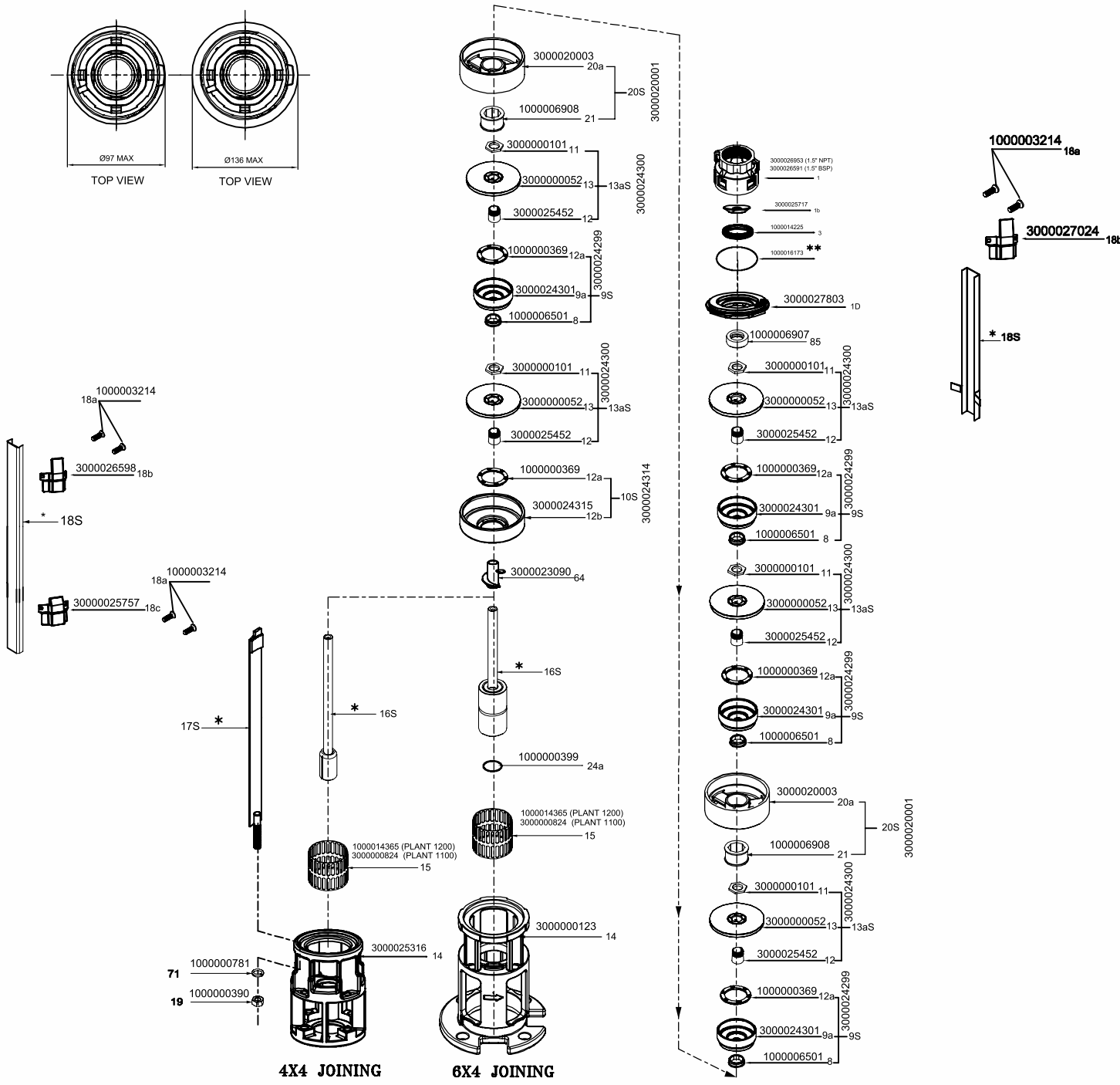


NOTE :- * = AS PER REQUIRED STAGE.

MATERIAL SPECIFICATION

MAIN ASSEMBLY		SUB ASSEMBLY		
GROUP	POS	MATERIAL CODE	PART DESCRIPTION	MATERIAL
NRV COMPLETE (1.25") (BSP)	1	3000026600	VALVE CASING (1.25"BSP)	STAINLESS STEEL
NRV COMPLETE (1.25") (NPT)	1	3000026952	VALVE CASING (1.25"NPT)	STAINLESS STEEL
	2	3000025717	FLAP	STAINLESS STEEL
	3	1000014225	VALVE SEAT	NBR
	1D	3000027803	NRV BOTTOM PLATE ASSLY	N.A.
	85	1000006907	STOP RING	CARBON/GRAPHITE HY22 IN TEFLON MASS
13aS 3000024300 IMPELLER COMPLETE	11	3000000101	SPLIT CONE NUT	STAINLESS STEEL
	13	3000000052	IMPELLER	STAINLESS STEEL
	12	3000025452	SPLIT CONE	STAINLESS STEEL
9S 3000024299 INTER CHAMBER	12a	1000000369	NECKRING	NBR/PPS
	9a	3000024301	DIFF ASSY	N.A.
	8	1000006501	BEARING	NBR
20S INTERMEDIATE SUPPORT ASSLY 3000020001	20A	3000020003	INTERMEDIATE SUPPORT	STAINLESS STEEL
	21	1000006908	BUSH BEARING	NBR
10S DIFFUSER ASSLY BOTTOM 3000024314	12a	1000000369	NECKRING	NBR/PPS
	12b	3000024315	DIFF ASSLY(BOTTOM)	N.A.
	71	1000000781	SPRING WASHER	STAINLESS STEEL
	19	1000000390	NUT	STAINLESS STEEL
	64	3000023090	PRIMING SCREW	STAINLESS STEEL
	18a	1000003214	PAN HEAD SCREW	STAINLESS STEEL
	18b	3000026598	CABLE GUARD CLAMP (UPPER) 4X4	STAINLESS STEEL
	18b	3000027024	CABLE GUARD CLAMP (UPPER) 6X4	STAINLESS STEEL
	18c	3000025757	CABLE GUARD CLAMP (LOWER) 4X4	STAINLESS STEEL
	16S	*	PUMP SHAFT WITH COUPLING	STAINLESS STEEL
(6X4)	24a	1000000399	O-RING	NBR
(4X4)	14	3000025316	SUCTION INTERCONNECTOR	STAINLESS STEEL
	15	1000014365	STRAINER (1200)	PBT
	15	3000000824	STRAINER (1100)	STAINLESS STEEL
(6X4)	14	3000000123	SUCTION INTERCONNECOTR	STAINLESS STEEL
	15	1000014365	STRAINER (1200)	PBT
	15	3000000824	STRAINER (1100)	STAINLESS STEEL
	17S	*	CLAMPING STRIP	STAINLESS STEEL
	18S	*	CABLE GUARD	STAINLESS STEEL

Exploded VIEW QF 6 (Collet)

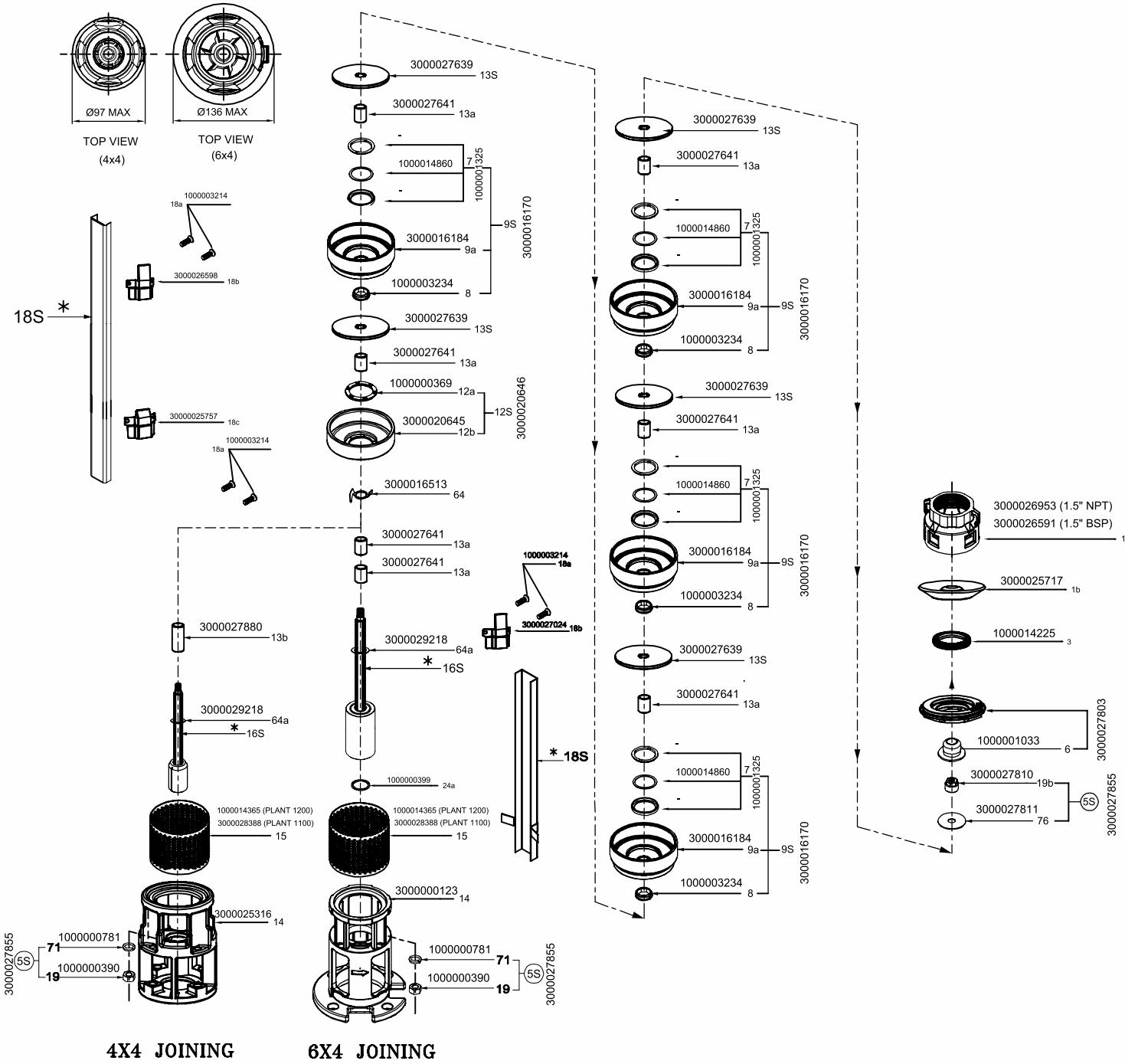


NOTE: -"*" AS PER STAGE
*** USE 1000016173 ABOVE 25 STAGE

MATERIAL SPECIFICATION

MAIN ASSEMBLY		SUB ASSEMBLY		
GROUP	POS	MATERIAL CODE	PART DESCRIPTION	MATERIAL
NRV COMPLETE (1.25") (BSP)	1	3000026600 (1.25" BSP)	NRV (1.25") (BSP)	STAINLESS STEEL
NRV COMPLETE (1.25") (NPT)	1	3000026952 (1.25" NPT)	NRV (1.25") (NPT)	STAINLESS STEEL
	2	3000025717	FLAP	STAINLESS STEEL
	3	1000014225	VALVE SEAT	NBR
	1d	3000027803	TOP DIFFUSER ASSLY NGP-1/6	STAINLESS STEEL
9S 3000016170 INTER CHAMBER	7	1000001325	NECKRING	NBR/PPS
	9a	3000016184	DIFF ASSY	STAINLESS STEEL
	8	1000003234	BEARING	NBR
5S 3000027855 HARDWARE	19b	3000027810	TOP NUT	STAINLESS STEEL
	76	3000027811	TOP WASHER	STAINLESS STEEL
	13B	3000027880	SPACING PIPE (4X4)	STAINLESS STEEL
	13a	3000027641	SPACING PIPE	STAINLESS STEEL
	71	1000000781	SPRING WASHER	STAINLESS STEEL
	19	1000000390	NUT	STAINLESS STEEL
	64	3000016513	PRIMING SCREW	STAINLESS STEEL
	18a	1000003214	PAN HEAD SCREW	STAINLESS STEEL
	18b	3000026598	CABLE GUARD CLAMP (UPPER) 4X4	STAINLESS STEEL
	18b	3000027024	CABLE GUARD CLAMP (UPPER) 6X4	STAINLESS STEEL
	18c	3000025757	CABLE GUARD CLAMP (LOWER) 4X4	STAINLESS STEEL
	13S	3000027639	IMPELLER	STAINLESS STEEL
	16S	*	PUMP SHAFT WITH COUPLING	STAINLESS STEEL
(6X4)	24a	1000000399	O-RING	NBR
(4X4)	14	3000025316	SUCTION INTERCONNECTOR	STAINLESS STEEL
	15	3000028388	STRAINER (PLANT 1100)	STAINLESS STEEL
	15	1000014365	STRAINER (PLANT 1200)	PBT
(6X4)	14	3000000123	SUCTION INTERCONNECOTR	STAINLESS STEEL
	15	3000028388	STRAINER (PLANT 1100)	STAINLESS STEEL
	15	1000014365	STRAINER (PLANT 1200)	PBT
	17S	*	CLAMPING STRIP	STAINLESS STEEL
	18S	*	CABLE GUARD	STAINLESS STEEL
7 NECKRING 1000001325	-	-	UPPER SUPPORT	PBT
	-	1000014860	TEFLON RING	PTFE
	-	-	LOWER SUPPORT	PBT
	-	-		

EXPLODED VIEW QF 6 (NGP)



NOTE :- * = AS PER REQUIRED STAGE.

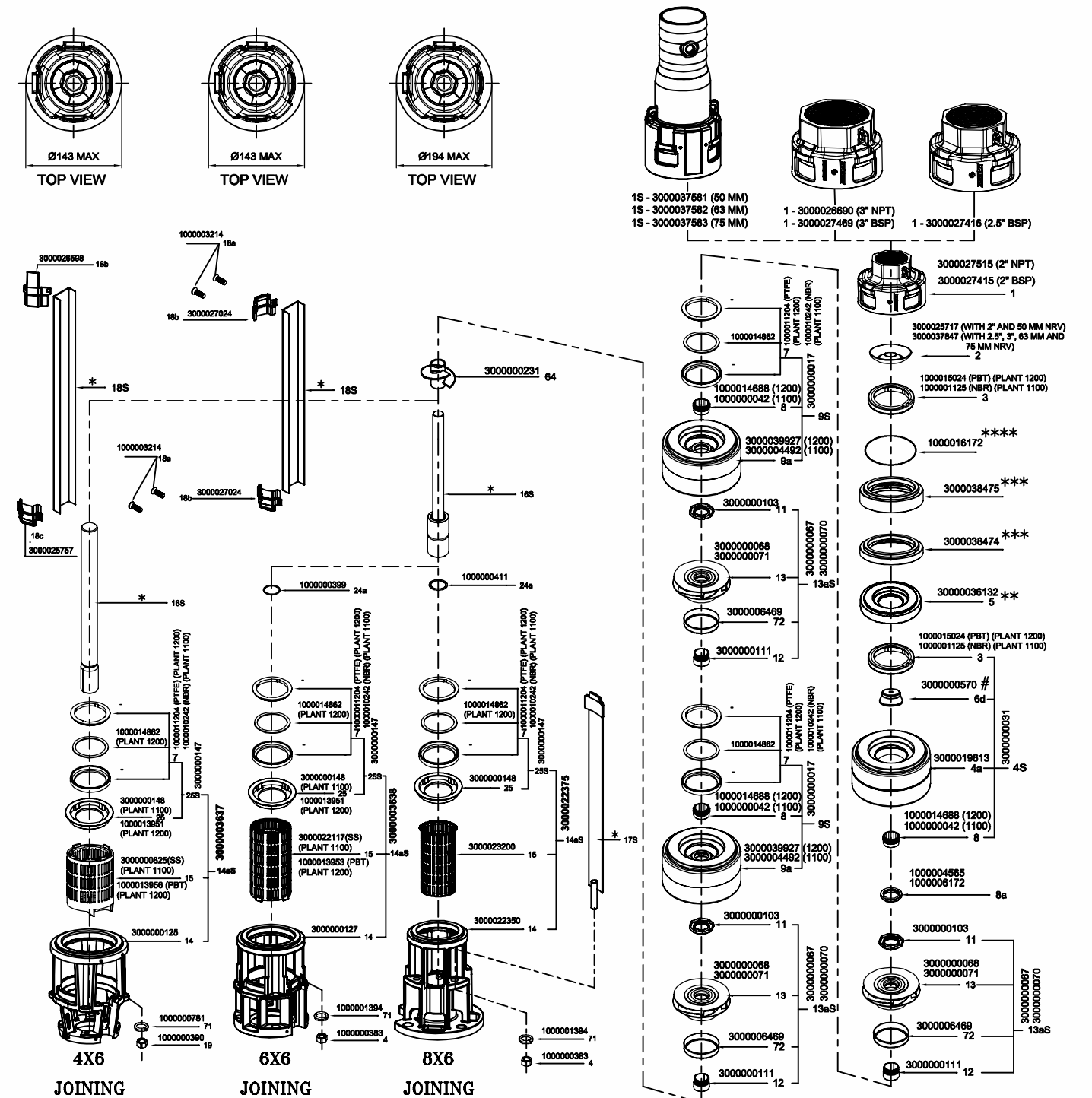
MATERIAL SPECIFICATION

MAIN ASSEMBLY		SUB ASSEMBLY		
GROUP	POS	MATERIAL CODE	PART DESCRIPTION	MATERIAL
BSP NRV	1	3000027415	NRV (2" BSP)	STAINLESS STEEL
	1	3000027416	NRV (2.5" BSP)	STAINLESS STEEL
	1	3000027469	NRV (3" BSP)	STAINLESS STEEL
NPT NRV	1	3000027515	NRV (2"NPT)	STAINLESS STEEL
	1	3000026690	NRV (3"NPT)	STAINLESS STEEL
HOSE TYPE NRV	1	3000037581	NRV 50 MM (HOSE)	STAINLESS STEEL
	1	3000037582	NRV 63 MM (HOSE)	STAINLESS STEEL
	1	3000037583	NRV 75 MM (HOSE)	STAINLESS STEEL
4S 3000000031 TOP CHAMBER	2	3000025717	VALVE CONE (2" NRV)	STAINLESS STEEL
	2	3000037847	VALVE CONE (2.5" 3" NRV)	STAINLESS STEEL
	3	1000015024 (1200)	VALVE SEAT	PBT
	3	1000001125 (1100)	VALVE SEAT	STAINLESS STEEL
	****	1000016172	O-RING	NBR
	***	3000038474	SPACING CUP (10MM)	STAINLESS STEEL
	***	3000038475	SPACING CUP (20 MM)	STAINLESS STEEL
9S 3000000017 INTER CHAMBER	3	1000001125 (1100)	VALVE SEAT	NBR+STAINLESS STEEL
	3	1000015024 (1200)	VALVE SEAT	PBT
	8	1000000042 (1100)	BEARING	NBR
	8	1000014688 (1200)	BEARING	NBR
	4a	3000019613	TOP BOWL	STAINLESS STEEL
7S 3000000017 INTER CHAMBER	7	1000010242	NECKRING (1100)	NBR
	7	1000011204	NECKRING (1200)	PTFE+PBT
	9a	3000039827	BOWL (1200)	STAINLESS STEEL (1200)
	9a	3000034462	BOWL (1100)	STAINLESS STEEL (1100)
	63#	3000000570 (1100)	TOP CAP	STAINLESS STEEL
	8	1000014688	BEARING (1200)	NBR
4x6	5**	3000036132	TOP SUPPORT PLATE	STAINLESS STEEL
	8a	1000004565	SPACING WASHER	CARBON+GRAPHITE
	8a	1000006172	SPACING WASHER	CARBON+GRAPHITE
	64	3000000231	PRIMING SCREW	STAINLESS STEEL
	18a	1000003214	PAN HEAD SCREW	STAINLESS STEEL
	71	1000000781	SPRING WASHER(4x6)	STAINLESS STEEL
	4	1000000390	NUT M8(4x6)	STAINLESS STEEL
6x6, 8x6	18b	3000026598	CABLE GUARD CLAMP (UPPER) 4X6	STAINLESS STEEL
	18c	3000025757	CABLE GUARD CLAMP (LOWER)4X6	STAINLESS STEEL
13aS 3000000067 IMPELLER COMPLETE	71	1000001394	SPRING WASHER(6x6,8x6)	STAINLESS STEEL
	4	1000000383	NUT M12(6x6,8x6)	STAINLESS STEEL
	18b	3000027024	CABLE GUARD CLAMP	STAINLESS STEEL
13aS 3000000070 IMPELLER COMPLETE	11	3000000103	SPLIT CONE NUT	STAINLESS STEEL
	11A	3000018623	SPLIT WASHER	STAINLESS STEEL
	13	3000000068	IMPELLER	STAINLESS STEEL
	12	3000000111	SPLIT CONE	STAINLESS STEEL
13aS 3000000070 IMPELLER COMPLETE	11	3000000103	SPLIT CONE NUT	STAINLESS STEEL
	11A	300018623	SPLIT WASHER	STAINLESS STEEL
	13	3000000071	IMPELLER	STAINLESS STEEL
	12	3000000111	SPLIT CONE	STAINLESS STEEL
16S	*		PUMP SHAFT WITH COUPLING	STAINLESS STEEL
	24a	1000000399	O-RING	NBR
25S 3000000147 NECKRING CUP ASSEMBLY	7	1000000366	NECKRING	NBR/PPS
	25	3000000148	NECKRING PLATE	STAINLESS STEEL
14aS 3000003637 SUCTION INTERCONNECTOR ASSEMBLY (4X6)	14	3000000125	SUCTION INTERCONNECTOR	STAINLESS STEEL
	15	3000000825(1100)	STRAINER	STAINLESS STEEL
	15	1000013956(1200)	STRAINER	PBT
	25S	3000000147(1100)	NECKRING CUP ASSLY	STAINLESS STEEL
	25S	1000013951(1200)	NECKRING PLATE	PBT
14aS 3000003638 SUCTION INTERCONNECTOR ASSEMBLY (6X6)	14	3000000127	SUCTION INTERCONNECTOR	STAINLESS STEEL
	15	3000022117(1100)	STRAINER	STAINLESS STEEL
	15	1000013953(1200)	STRAINER	PBT
	25S	3000000147(1100)	NECKRING CUP ASSLY	N/A
	25S	1000013951(1200)	NECKRING PLATE	PBT
14aS 3000002237S SUCTION INTERCONNECTOR ASSEMBLY (8X6)	14	3000022350	SUCTION INTERCONNECTOR	STAINLESS STEEL
	15	3000023200	STRAINER	STAINLESS STEEL
	25S	3000000147	NECKRING CUP ASSEMBLY	N/A
17S	*		CLAMPING STRIP	STAINLESS STEEL
	18S	*	CABLE GUARD	STAINLESS STEEL
7 NECKRING (1200) 1000011204	-	-	UPPER SUPPORT	PBT
	-	1000014862	TEFLON RING	PTFE
	-	-	LOWER SUPPORT	PBT
NECKRING (1100)	7	1000010242	NECKRING (1100)	NBR

MODEL	3000000067 IMP.	300000070 IMP	SPACING WASHER
QF8 - 5	-	5	1000006172
QF8 - 7	2	5	1000004565
QF8 - 9	3	6	1000004565
QF8 - 13	2	11	1000004565
QF8 - 18	4	14	1000004565
QF8 - 22	5	17	1000004565
QF8 - 26	-	26	1000006172
QF8 - 31	7	24	1000004565
QF8 - 36	8	28	1000004565
QF8 - 44	10	34	1000004565

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Exploded view QF 8



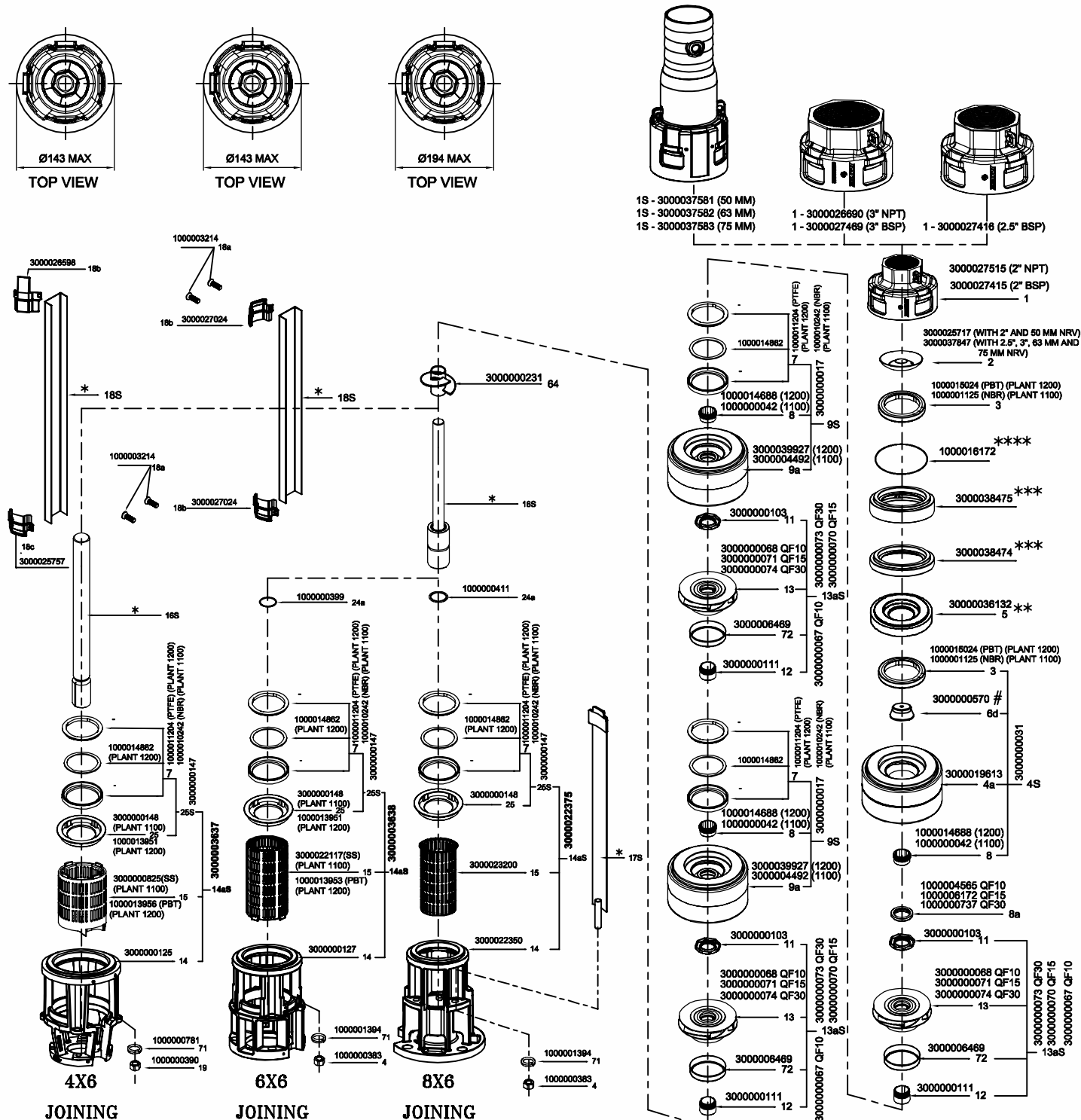
NOTE :- * = AS PER REQUIRED STAGE
 ** = ABOVE 29 STAGE
 *** = AS PER SHAFT COMMON CHART AND THESE COMPONENT ARE NOT USED FOR EXPORT MARKET
 **** = USE 1000016172 ABOVE 22 STAGE
 # = THESE COMPONENT ARE USED FOR EXPORT MARKET (1100 PLANT) ONLY

MATERIAL SPECIFICATION

MAIN ASSEMBLY GROUP		SUB ASSEMBLY			
	POS	MATERIAL CODE	PART DESCRIPTION	MATERIAL	
BSP NRV	1	3000027415	NRV (2" BSP)	STAINLESS STEEL	
	1	3000027416	NRV (2.5" BSP)	STAINLESS STEEL	
	1	3000027469	NRV (3" BSP)	STAINLESS STEEL	
NPT NRV	1	3000027515	NRV (2" NPT)	STAINLESS STEEL	
	1	3000026890	NRV (3" NPT)	STAINLESS STEEL	
HOSE TYPE NRV	1	3000037581	NRV 50 MM (HOSE)	STAINLESS STEEL	
	1	3000037582	NRV 63 MM (HOSE)	STAINLESS STEEL	
	1	3000037583	NRV 75 MM (HOSE)	STAINLESS STEEL	
AS 3000000031 TOP CHAMBER	2	3000025717	VALVE CONE (2" NRV)	STAINLESS STEEL	
	2	3000037847	VALVE CONE(2.5 & 3" NRV)	STAINLESS STEEL	
	3	1000015024 (1200)	VALVE SEAT	PBT	
	3	1000001125	VALVE SEAT	STAINLESS STEEL	
	****	1000016172	O-RING	NBR	
	***	3000038474	SPACING CUP (10MM)	STAINLESS STEEL	
	***	3000038475	SPACING CUP (20 MM)	STAINLESS STEEL	
	3	1000001125 (1100)	VALVE SEAT	NBR+STAINLESS STEEL	
	3	1000015024 (1200)	VALVE SEAT	PBT	
	8	1000000042 (1100)	BEARING	NBR	
9S 3000000017 INTER CHAMBER	8	1000014688 (1200)	VALVE SEAT	NBR	
	4a	3000019613	TOP BOWL	STAINLESS STEEL	
7S 3000000017 INTER CHAMBER	7	1000010242	NECKRING (1100)	NBR	
	7	1000011204	NECKRING (1200)	PTFE+PBT	
	9a	3000039827	BOWL (1200)	STAINLESS STEEL (1200)	
6a #	3	3000004462	BOWL (1100)	STAINLESS STEEL (1100)	
	3a	3000000570 (1100)	TOP CAP	STAINLESS STEEL	
	8	1000014688	BEARING (1200)	NBR	
5**	8a	3000036132	TOP SUPPORT PLATE	STAINLESS STEEL	
	10	1000004565 (QF 10)	SPACING WASHER	CARBON+GRAPHITE	
	15	1000006172 (QF 15)	SPACING WASHER	CARBON+GRAPHITE	
	30	1000000737 (QF 30)	SPACING WASHER	CARBON+GRAPHITE	
	64	3000000231	PRIMING SCREW	STAINLESS STEEL	
	18a	1000003214	PAN HEAD SCREW	STAINLESS STEEL	
	71	10000000781	SPRING WASHER(4x6)	STAINLESS STEEL	
4x6	4	1000000390	NUT M8(4x6)	STAINLESS STEEL	
	18b	3000028598	CABLE GUARD CLAMP (UPPER) 4X6	STAINLESS STEEL	
	18c	3000025757	CABLE GUARD CLAMP (LOWER)4X6	STAINLESS STEEL	
6x6, 8x6	71	1000001394	SPRING WASHER(6x6, 8x6)	STAINLESS STEEL	
	4	1000000363	NUT M12(6x6, 8x6)	STAINLESS STEEL	
	18b	3000027624	CABLE GUARD CLAMP	STAINLESS STEEL	
13sS (QF 10) 3000000067 IMPELLER COMPLETE	11	3000000103	SPLIT CONE NUT	STAINLESS STEEL	
	11A	3000018823	SPLIT WASHER	STAINLESS STEEL	
	13	3000000068	IMPELLER	STAINLESS STEEL	
	12	3000000111	SPLIT CONE	STAINLESS STEEL	
13sS (QF 15) 3000000070 IMPELLER COMPLETE	11	3000000103	SPLIT CONE NUT	STAINLESS STEEL	
	11A	3000018823	SPLIT WASHER	STAINLESS STEEL	
	13	3000000071	IMPELLER	STAINLESS STEEL	
	12	3000000111	SPLIT CONE	STAINLESS STEEL	
13sS (QF 30) 3000000073 IMPELLER COMPLETE	11	3000000103	SPLIT CONE NUT	STAINLESS STEEL	
	11A	3000018823	SPLIT WASHER	STAINLESS STEEL	
	13	3000000074	IMPELLER	STAINLESS STEEL	
	12	3000000111	SPLIT CONE	STAINLESS STEEL	
16S	*		PUMP SHAFT WITH COUPLING	STAINLESS STEEL	
	24a	1000000369	O-RING	NBR	
25S 3000000147 NECKRING CUP ASSEMBLY	7	1000000366	NECKRING	NBR/PPS	
	25	3000000148	NECKRING PLATE	STAINLESS STEEL	
14aS 3000003637 SUCTION INTERCONNECTOR ASSEMBLY (4X6)	14	3000000125	SUCTION INTERCONNECTOR	STAINLESS STEEL	
	15	3000000825(1100)	STRAINER	STAINLESS STEEL	
	15	10001395S(1200)	STRAINER	PBT	
	25S	300000147(1100)	NECKRING CUP ASSLY	STAINLESS STEEL	
	25S	10000139S(11200)	NECKRING PLATE	PBT	
14aS 3000003638 SUCTION INTERCONNECTOR ASSEMBLY (6X6)	14	3000000127	SUCTION INTERCONNECTOR	STAINLESS STEEL	
	15	3000022117(1100)	STRAINER	STAINLESS STEEL	
	15	1000139S(1200)	STRAINER	PBT	
	25S	300000147(1100)	NECKRING CUP ASSLY	N/A	
	25S	1000139S(11200)	NECKRING PLATE	PBT	
14aS 3000002237S SUCTION INTERCONNECTOR ASSEMBLY (8X6)	14	3000022350	SUCTION INTERCONNECTOR	STAINLESS STEEL	
	15	3000023200	STRAINER	STAINLESS STEEL	
	25S	3000000147	NECKRING CUP ASSEMBLY	N/A	
17S	*		CLAMPING STRIP	STAINLESS STEEL	
	18S	*	CABLE GUARD	STAINLESS STEEL	
7 NECKRING (1200) 1000011204	-	-	UPPER SUPPORT	PBT	
	-	1000014862	TEFLON RING	PTFE	
	-	-	LOWER SUPPORT	PBT	
NECKRING (1100)	7	1000010242	NECKRING (1100)	NBR	

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Exploded View QF 10-15-30

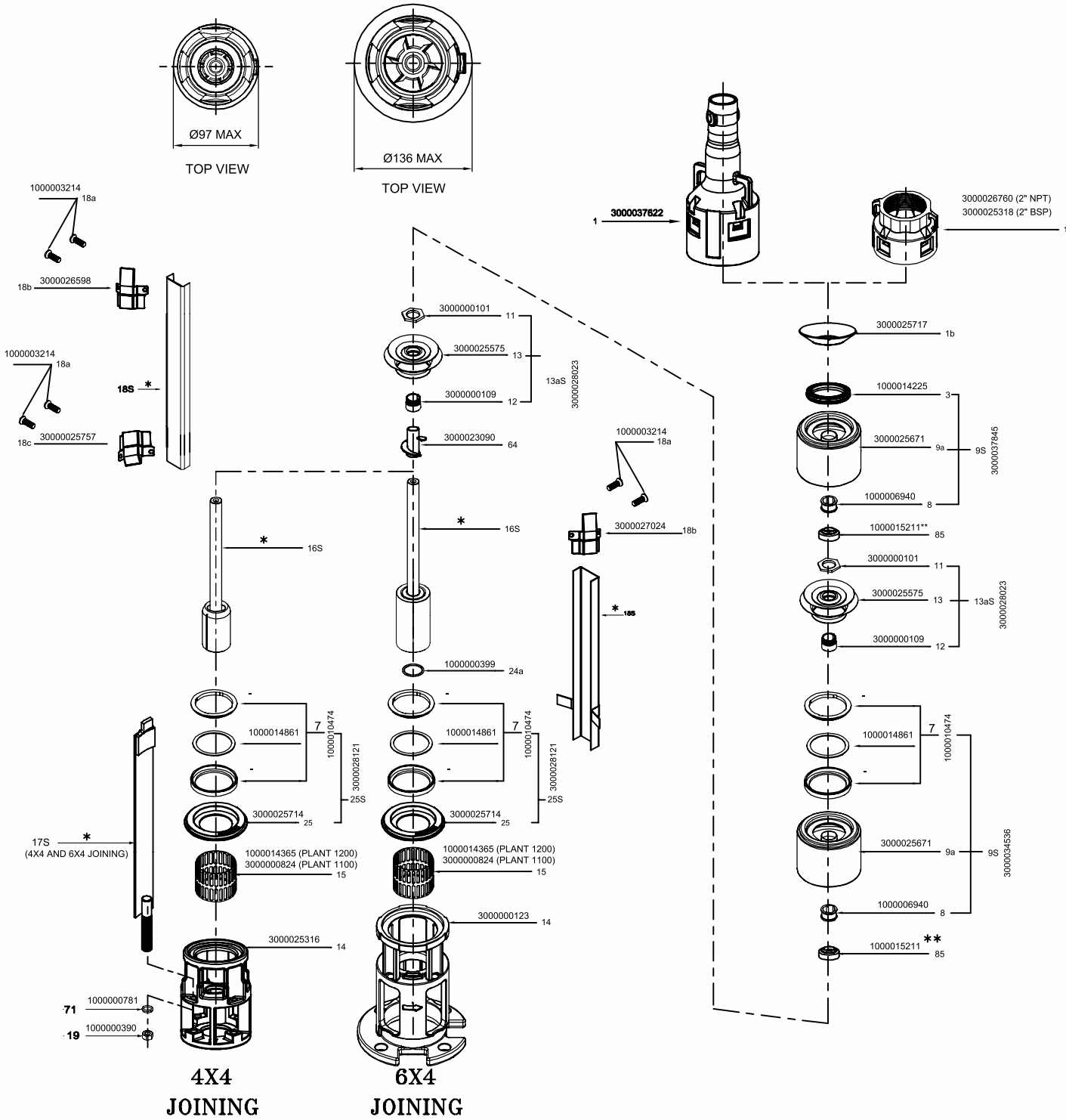


NOTE :- * = AS PER REQUIRED STAGE
 ** = ABOVE 29 STAGE
 *** = AS PER SHAFT COMMON CHART AND THESE COMPONENT ARE NOT USED FOR EXPORT MARKET
 **** = USE 1000016172 ABOVE 22 STAGE
 # = THESE COMPONENT ARE USED FOR EXPORT MARKET (1100 PLANT) ONLY

MATERIAL SPECIFICATION

MAIN ASSEMBLY		SUB ASSEMBLY			
GROUP	POS	MATERIAL CODE	PART DESCRIPTION	MATERIAL	
VALVE CASING (BSP)	1	3000025318	VALVE CASING (2"BSP)	STAINLESS STEEL	
VALVE CASING (NPT)	1	3000026760	VALVE CASING (2"NPT)	STAINLESS STEEL	
VALVE CASING (50 MM HOSE)	(50)	1S	3000037622	VALVE CASING (50MM HOSE)	STAINLESS STEEL
	1b	3000025717	NRV FLAP	STAINLESS STEEL	
4S 3000037845 TOP CHAMBER	8	1000006940	BEARING	NBR	
	1c	1000014225	VALVE SEAT	STAINLESS STEEL	
	9a	3000025671	BOWL	STAINLESS STEEL	
9S 3000034536 INTER CHAMBER	3	1000010474	NECKRING	PBT/PTFE	
	9a	3000025671	BOWL	STAINLESS STEEL	
	8	1000006940	BEARING	NBR	
13aS 3000028023 IMPELLER COMPLETE	11	3000000101	SPLIT CONE NUT	STAINLESS STEEL	
	13	3000025575	IMPELLER	STAINLESS STEEL	
	12	3000000109	SPLIT CONE	STAINLESS STEEL	
	16S	*	PUMP SHAFT WITH COUPLING	STAINLESS STEEL	
(6X4)	24a	1000000399	O-RING	NBR	
25S 30000028121 NECKRING CUP ASSEMBLY	3	1000010474	NECKRING	PBT/PTFE	
	25	300025714	NECKRING PLATE	STAINLESS STEEL	
(4X4)	14	3000025316	SUCTION INTERCONNECTOR	STAINLESS STEEL	
	18b	3000026598	CABLE GUARD CLAMP (UPPER) 4X4	STAINLESS STEEL	
	18c	3000025757	CABLE GUARD CLAMP (LOWER)	STAINLESS STEEL	
(6X4)	14	3000000123	SUCTION INTERCONNECOTR	STAINLESS STEEL	
	18b	3000027024	CABLE GUARD CLAMP (UPPER) 6X4	STAINLESS STEEL	
	85	1000015211**	STOP RING	CARBON/GRAPHITE HY22 IN TEFLON MASS	
	71	1000000781	SPRING WASHER	STAINLESS STEEL	
	19	1000000390	NUT	STAINLESS STEEL	
	64	3000023090	PRIMING SCREW	STAINLESS STEEL	
	18a	1000003214	PAN HEAD SCREW	STAINLESS STEEL	
	15	1000014365	STRAINER (PLANT 1200)	PBT	
	15	3000000824	STRAINER (PLANT 1100)	STAINLESS STEEL	
	25S	3000028121	NECKRING CUP ASSEMBLY	N.A	
	17S	*	CLAMPING STRIP	STAINLESS STEEL	
	18S	*	CABLE GUARD	STAINLESS STEEL	
7 1000010474 NECKRING	-	-	UPPER SUPPORT	PBT	
	-	1000014861	TEFLON RING	PTFE	
	-	-	LOWER SUPPORT	PBT	

Exploded View NGP 12 (12.7)

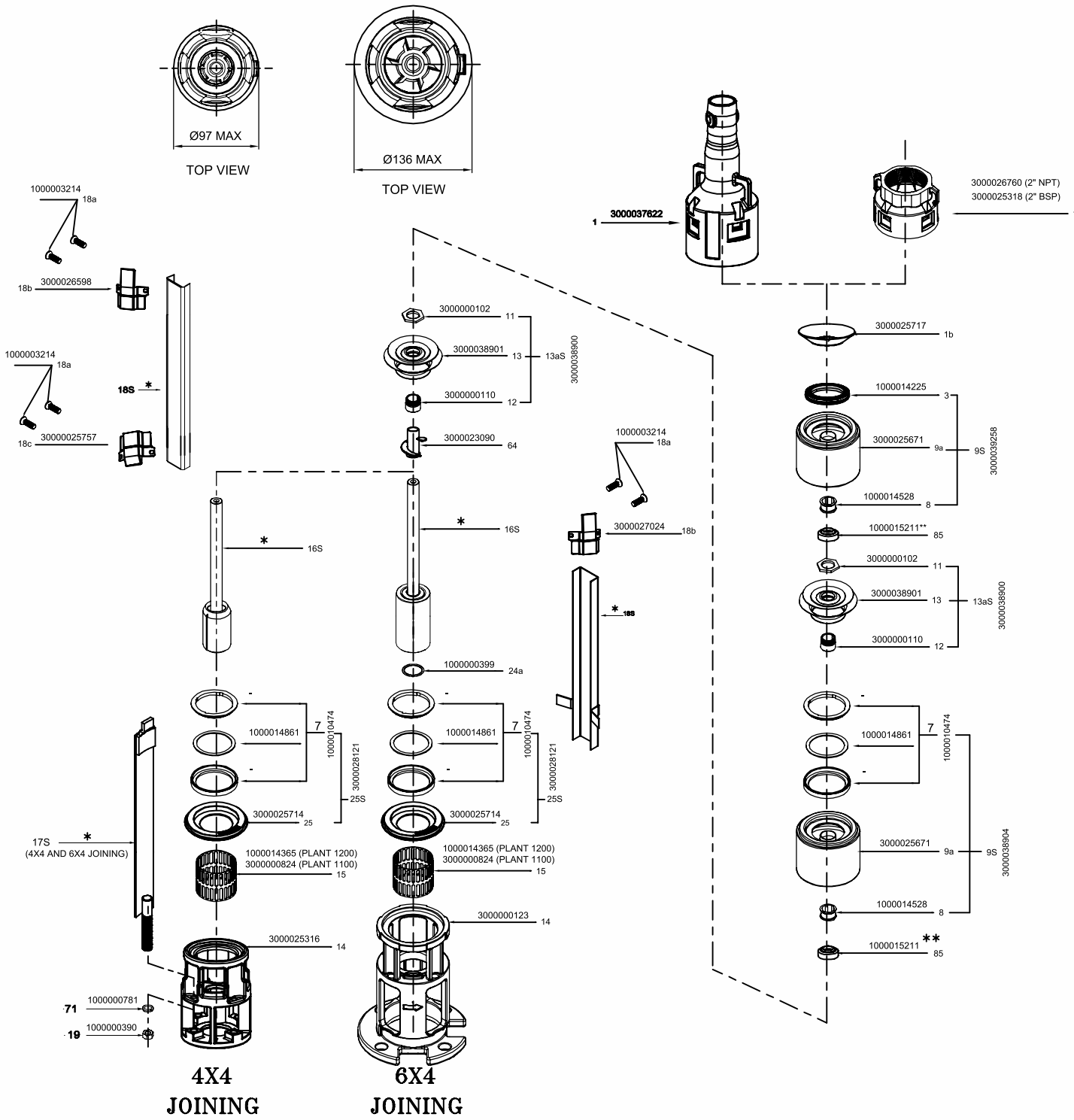


NOTE: -UPTO 39 STAGES USE PUMP NGP12 IN Ø12.7 MM SHAFT AND ABOVE 39 STAGE USE IN Ø16 MM SHAFT

MATERIAL SPECIFICATION

MAIN ASSEMBLY		SUB ASSEMBLY			
GROUP	POS	MATERIAL CODE	PART DESCRIPTION	MATERIAL	
VALVE CASING (BSP)	1	3000025318	VALVE CASING (2"BSP)	STAINLESS STEEL	
VALVE CASING (NPT)	1	3000026760	VALVE CASING (2"NPT)	STAINLESS STEEL	
VALVE CASING (50 MM HOSE)	(50) 1S	3000037622	VALVE CASING (50MM HOSE)	STAINLESS STEEL	
	1b	3000025717	NRV FLAP	STAINLESS STEEL	
4S 3000039258 TOP CHAMBER	8	1000014528	BEARING	NBR	
	1c	1000014225	VALVE SEAT	STAINLESS STEEL	
	9a	3000025671	BOWL	STAINLESS STEEL	
9S 3000038904 INTER CHAMBER	3	1000010474	NECKRING	PBT/PTFE	
	9a	3000025671	BOWL	STAINLESS STEEL	
	8	1000014528	BEARING	NBR	
13aS 3000038900 IMPELLER COMPLETE	11	3000000102	SPLIT CONE NUT	STAINLESS STEEL	
	13	3000038901	IMPELLER	STAINLESS STEEL	
	12	3000000110	SPLIT CONE	STAINLESS STEEL	
	16S	*	PUMP SHAFT WITH COUPLING	STAINLESS STEEL	
(6X4)	24a	1000000399	O-RING	NBR	
25S 30000028121 NECKRING CUP ASSEMBLY	3	1000010474	NECKRING	PBT/PTFE	
	25	300025714	NECKRING PLATE	STAINLESS STEEL	
(4X4)	14	3000025316	SUCTION INTERCONNECTOR	STAINLESS STEEL	
	18b	3000026598	CABLE GUARD CLAMP (UPPER) 4X4	STAINLESS STEEL	
	18c	3000025757	CABLE GUARD CLAMP (LOWER) 4X4	STAINLESS STEEL	
(6X4)	14	3000000123	SUCTION INTERCONNECOTR	STAINLESS STEEL	
	18b	3000027024	CABLE GUARD CLAMP (UPPER) 6X4	STAINLESS STEEL	
	85	1000015211**	STOP RING	CARBON/GRAPHITE HY22 IN TEFLON MASS	
	71	1000000781	SPRING WASHER	STAINLESS STEEL	
	19	1000000390	NUT	STAINLESS STEEL	
	64	3000023090	PRIMING SCREW	STAINLESS STEEL	
	18a	1000003214	PAN HEAD SCREW	STAINLESS STEEL	
	15	1000014365	STRAINER (PLANT 1200)	PBT	
	15	3000000824	STRAINER (PLANT 1100)	STAINLESS STEEL	
	25S	3000028121	NECKRING CUP ASSEMBLY	N.A	
	17S	*	CLAMPING STRIP	STAINLESS STEEL	
	18S	*	CABLE GUARD	STAINLESS STEEL	
7	-	-	UPPER SUPPORT	PBT	
NECKRING	-	1000014861	TEFLON RING	PTFE	
1000010474	-	-	LOWER SUPPORT	PBT	

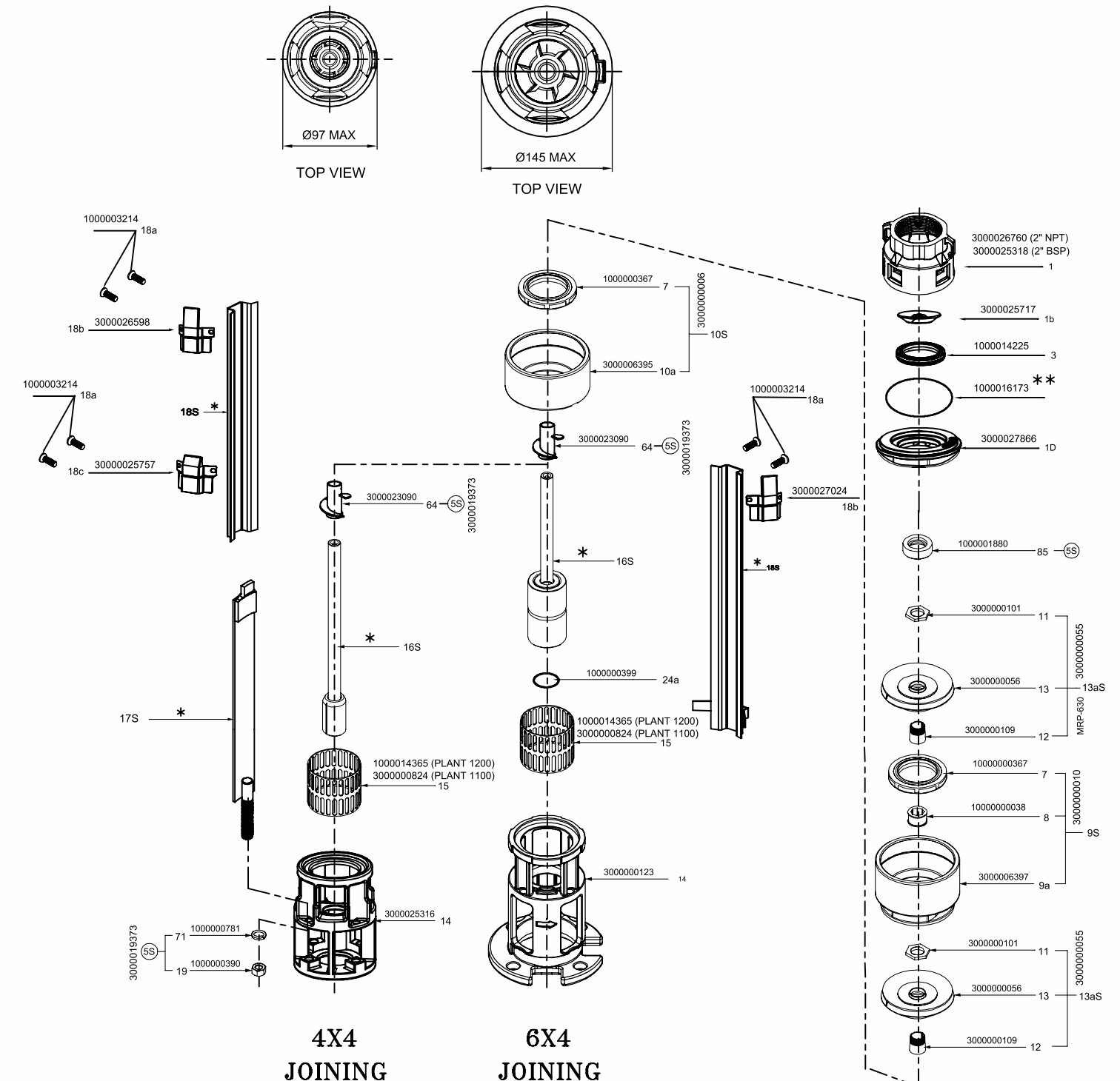
Exploded View NGP 12 (16)



NOTE: -UPTO 39 STAGES USE PUMP NGP12 IN Ø12.7 MM SHAFT AND ABOVE 39 STAGE USE IN Ø16 MM SHAFT

MATERIAL SPECIFICATION

MAIN ASSEMBLY		SUB ASSEMBLY		
GROUP	POS	MATERIAL CODE	PART DESCRIPTION	MATERIAL
VALVE CASING (BSP)	1	3000025318	VALVE CASING (2"BSP)	STAINLESS STEEL
VALVE CASING (NPT)	1	3000026760	VALVE CASING (2"NPT)	STAINLESS STEEL
	1b	3000025717	NRV FLAP	STAINLESS STEEL
	**	1000016173	O-RING	NBR
4S 3000027865 TOP DIFFUSER ASSEMBLY	1c	1000014225	VALVE SEAT	STAINLESS STEEL + NBR
	1D	3000027866	BOTTOM PLATE NRV	STAINLESS STEEL
	-	3000000728	DIFF. PLATE	STAINLESS STEEL
	-	3000000733	DIFF VANE	STAINLESS STEEL
9S 3000000010 INTER CHAMBER	7	1000000367	NECKRING	NBR/PPS
	9a	3000006397	DIFFUSER ASSLY	STAINLESS STEEL
	8	1000000038	BEARING	NBR
10S 3000000006 BOTTOM CHAMBER	7	1000000367	NECKRING	NBR/PPS
	10a	3000006395	DIFFUSER ASSLY BOTTOM	STAINLESS STEEL
5S 3000019373 HARDWARE	85	1000001880	STOP RING	CARBON/GRAPHITE HY22 IN TEFLON MASS
	71	1000000781	SPRING WASHER	STAINLESS STEEL
	19	1000000390	NUT	STAINLESS STEEL
	64	3000023090	PRIMING SCREW	STAINLESS STEEL
	18a	1000003214	PAN HEAD SCREW	STAINLESS STEEL
	18b	3000026598	CABLE GUARD CLAMP (UPPER) 4X4	STAINLESS STEEL
	18b	3000027024	CABLE GUARD CLAMP (UPPER) 6X4	STAINLESS STEEL
	18c	3000025757	CABLE GUARD CLAMP (LOWER) 4X4	STAINLESS STEEL
13aS 3000000055 IMPELLER COMPLETE	11	3000000101	SPLIT CONE NUT	STAINLESS STEEL
	13	3000000056	IMPELLER	STAINLESS STEEL
	12	3000000109	SPLIT CONE	STAINLESS STEEL
	16S	*	PUMP SHAFT WITH COUPLING	STAINLESS STEEL
(6X4)	24a	1000000399	O-RING	NBR
SUCTION INTERCONNECTOR ASSEMBLY (4X4)	14	3000025316	SUCTION INTERCONNECTOR	STAINLESS STEEL
	15	1000014365	STRAINER (PLANT 1200)	PBT
	15	3000000824	STRAINER (PLANT 1100)	STAINLESS STEEL
SUCTION INTERCONNECTOR ASSEMBLY (6X4)	14	3000000123	SUCTION INTERCONNECOTR	STAINLESS STEEL
	15	1000014365	STRAINER (PLANT 1200)	PBT
	15	3000000824	STRAINER (PLANT 1100)	STAINLESS STEEL
	17S	*	CLAMPING STRIP	STAINLESS STEEL
	18S	*	CABLE GUARD	STAINLESS STEEL



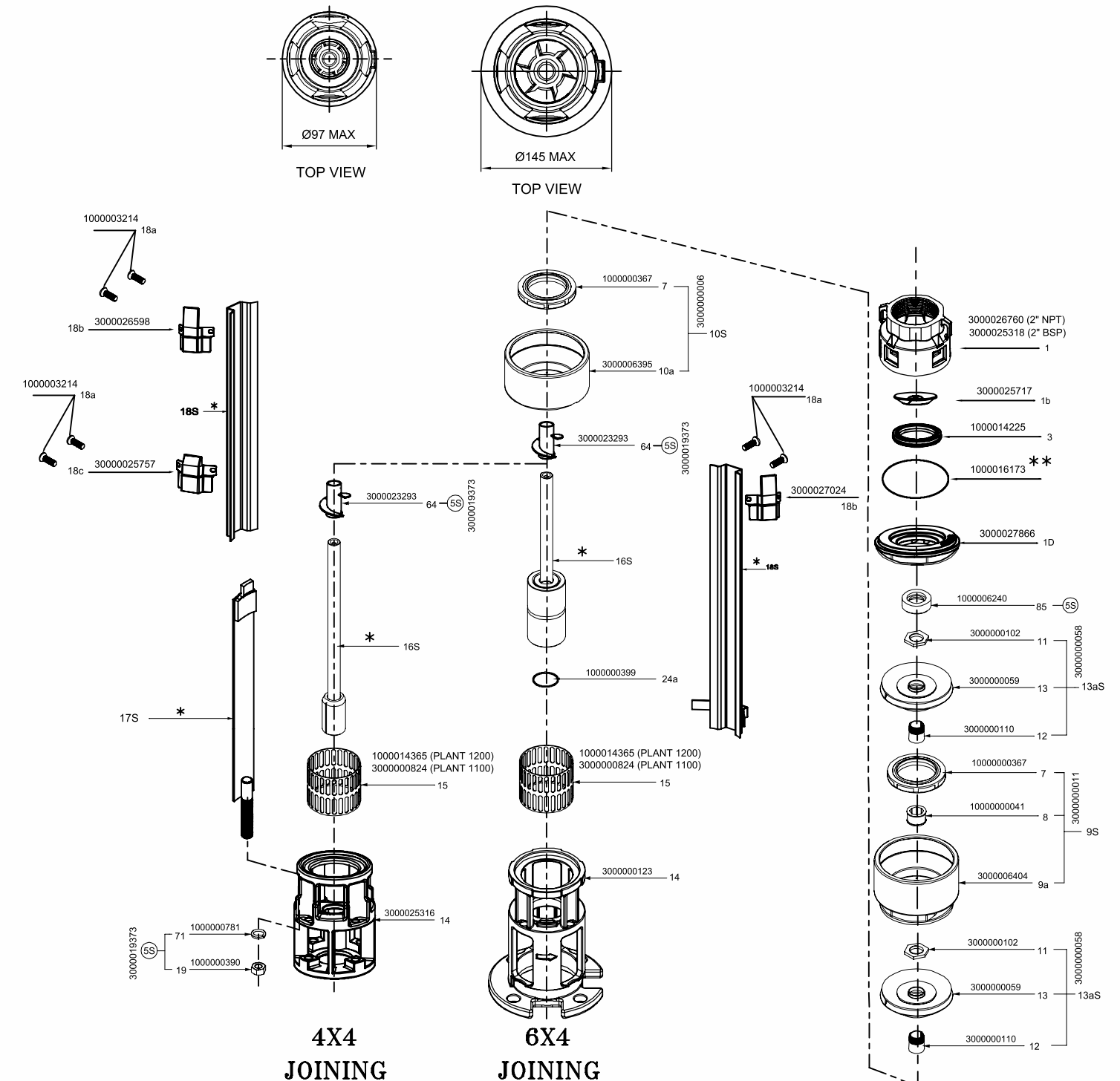
NOTE:—UPTO 39 STAGES USE PUMP QF12 IN Ø12.7 MM SHAFT AND ABOVE 39 STAGE USE IN Ø16 MM SHAFT
 '**' AS PER STAGE (ATTACHED SHEET)
 '**' USE 1000016173 ABOVE 25 STAGE

MATERIAL SPECIFICATION

MAIN ASSEMBLY		SUB ASSEMBLY		
GROUP	POS	MATERIAL CODE	PART DESCRIPTION	MATERIAL
VALVE CASING (BSP)	1	3000025318	VALVE CASING (2"BSP)	STAINLESS STEEL
VALVE CASING (NPT)	1	3000026760	VALVE CASING (2"NPT)	STAINLESS STEEL
	1b	3000025717	NRV FLAP	STAINLESS STEEL
	**	1000016173	O-RING	NBR
4S 3000027865 TOP DIFFUSER ASSEMBLY	1c	1000014225	VALVE SEAT	STAINLESS STEEL + NBR
	1D	3000027866	BOTTOM PLATE NRV	STAINLESS STEEL
	-	3000000728	DIFF. PLATE	STAINLESS STEEL
	-	3000000733	DIFF VANE	STAINLESS STEEL
9S 3000000011 INTER CHAMBER	7	1000000367	NECKRING	NBR/PPS
	9a	3000006404	DIFFUSER ASSLY	STAINLESS STEEL
	8	1000000041	BEARING	NBR
10S 300000006 BOTTOM CHAMBER	7	1000000367	NECKRING	NBR/PPS
	10a	3000006395	DIFFUSER ASSLY BOTTOM	STAINLESS STEEL
5S HARDWARE 3000025658	85	1000006240	STOP RING	CARBON/GRAPHITE HY22 IN TEFLON MASS
	71	1000000781	SPRING WASHER	STAINLESS STEEL
	19	1000000390	NUT	STAINLESS STEEL
	15	1000014365	STRAINER (PLANT 1200)	PBT
	15	3000000824	STRAINER (PLANT 1100)	STAINLESS STEEL
	64	3000023093	PRIMING SCREW	STAINLESS STEEL
	18a	1000003214	PAN HEAD SCREW	STAINLESS STEEL
	18b	3000026598	CABLE GUARD CLAMP (UPPER) 4X4	STAINLESS STEEL
	18b	3000027024	CABLE GUARD CLAMP (UPPER) 6X4	STAINLESS STEEL
	18c	3000025757	CABLE GUARD CLAMP (LOWER) 4X4	STAINLESS STEEL
13aS 3000000058 IMPELLER COMPLETE	11	3000000102	SPLIT CONE NUT	STAINLESS STEEL
	13	3000000059	IMPELLER	STAINLESS STEEL
	12	3000000110	SPLIT CONE	STAINLESS STEEL
	16S	*	PUMP SHAFT WITH COUPLING	STAINLESS STEEL
	14	3000025316	SUCTION INTERCONNECTOR (4x4)	STAINLESS STEEL
	14	3000000123	SUCTION INTERCONNECOTR (6X4)	STAINLESS STEEL
(6X4)	24a	1000000399	O-RING	NBR
	17S	*	CLAMPING STRIP	STAINLESS STEEL
	18S	*	CABLE GUARD	STAINLESS STEEL



Exploded View QF 12 (Dia 16.0)



NOTE:—UPTO 39 STAGES USE PUMP QF12 IN Ø12.7 MM SHAFT AND ABOVE 39 STAGE USE IN Ø16 MM SHAFT

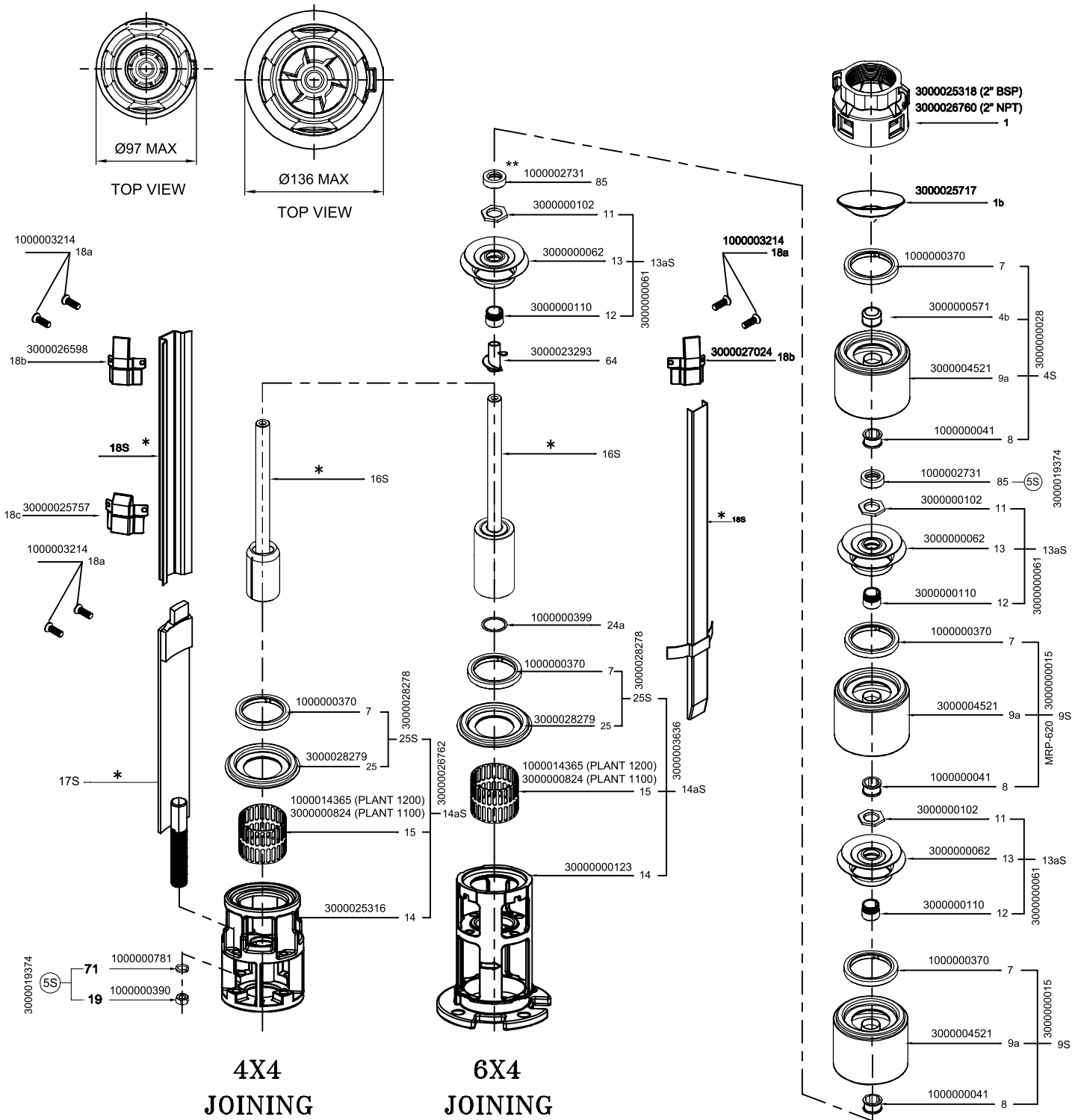
'*' AS PER STAGE (ATTACHED SHEET)

'**' USE 1000016173 ABOVE 25 STAGE

MATERIAL SPECIFICATION

MAIN ASSEMBLY		SUB ASSEMBLY			
GROUP	POS	MATERIAL CODE	PART DESCRIPTION	MATERIAL	
VALVE CASING (BSP)	1	3000025318	VALVE CASING (2"BSP)	STAINLESS STEEL	
VALVE CASING (NPT)	1	3000026760	VALVE CASING (2"NPT)	STAINLESS STEEL	
	1b	3000025717	NRV FLAP	STAINLESS STEEL	
4S 3000000028 TOP CHAMBER	8	1000000041	BEARING	NBR	
	4b	3000000571	TOP CAP	STAINLESS STEEL	
	7	1000000370	NECKRING	NBR/PPS	
	9a	3000004521	BOWL	STAINLESS STEEL	
9S 3000000015 INTER CHAMBER	7	1000000370	NECKRING	NBR/PPS	
	9a	3000004521	BOWL	STAINLESS STEEL	
	8	1000000041	BEARING	NBR	
5S 3000019374 HARDWARE	85	1000002731	STOP RING	CARBON/GRAPHITE HY22 IN TEFLON MASS	
	71	1000000781	WASHER	STAINLESS STEEL	
	19	1000000390	NUT	STAINLESS STEEL	
	64	3000023293	PRIMING SCREW	STAINLESS STEEL	
	18a	1000003214	PAN HEAD SCREW	STAINLESS STEEL	
	18b	3000026598	CABLE GUARD CLAMP (UPPER)	STAINLESS STEEL	
	18c	3000025757	CABLE GUARD CLAMP (LOWER)	STAINLESS STEEL	
13aS 3000000061 IMPELLER COMPLETE	11	3000000102	SPLIT CONE NUT	STAINLESS STEEL	
	13	3000000062	IMPELLER	STAINLESS STEEL	
	12	3000000110	SPLIT CONE	STAINLESS STEEL	
	16S	*	PUMP SHAFT WITH COUPLING	STAINLESS STEEL	
	24a	1000000399	O-RING	NBR	
25S 30000028278 NECKRING CUP ASSEMBLY	7	1000000370	NECKRING	NBR/PPS	
	25	3000028279	NECKRING PLATE	STAINLESS STEEL	
14aS 3000026762 SUCTION INTERCONNECTOR ASSEMBLY (4X4)	14	3000025316	SUCTION INTERCONNECTOR	STAINLESS STEEL	
	15	3000000824	STRAINER (1100)	STAINLESS STEEL	
	15	1000014365	STRAINER (1200)	STAINLESS STEEL	
	25S	30000028278	NECKRING CUP ASSEMBLY	N.A	
14aS 3000003636 SUCTION INTERCONNECTOR ASSEMBLY (6X4)	14	3000000123	SUCTION INTERCONNECOTR	STAINLESS STEEL	
	15	3000000824	STRAINER (1100)	STAINLESS STEEL	
	15	1000014365	STRAINER (1200)	STAINLESS STEEL	
	25S	30000028278	NECKRING CUP ASSEMBLY	N.A	
	17S	*	CLAMPING STRIP	STAINLESS STEEL	
	18S	*	CABLE GUARD	STAINLESS STEEL	

Exploded View QF 20



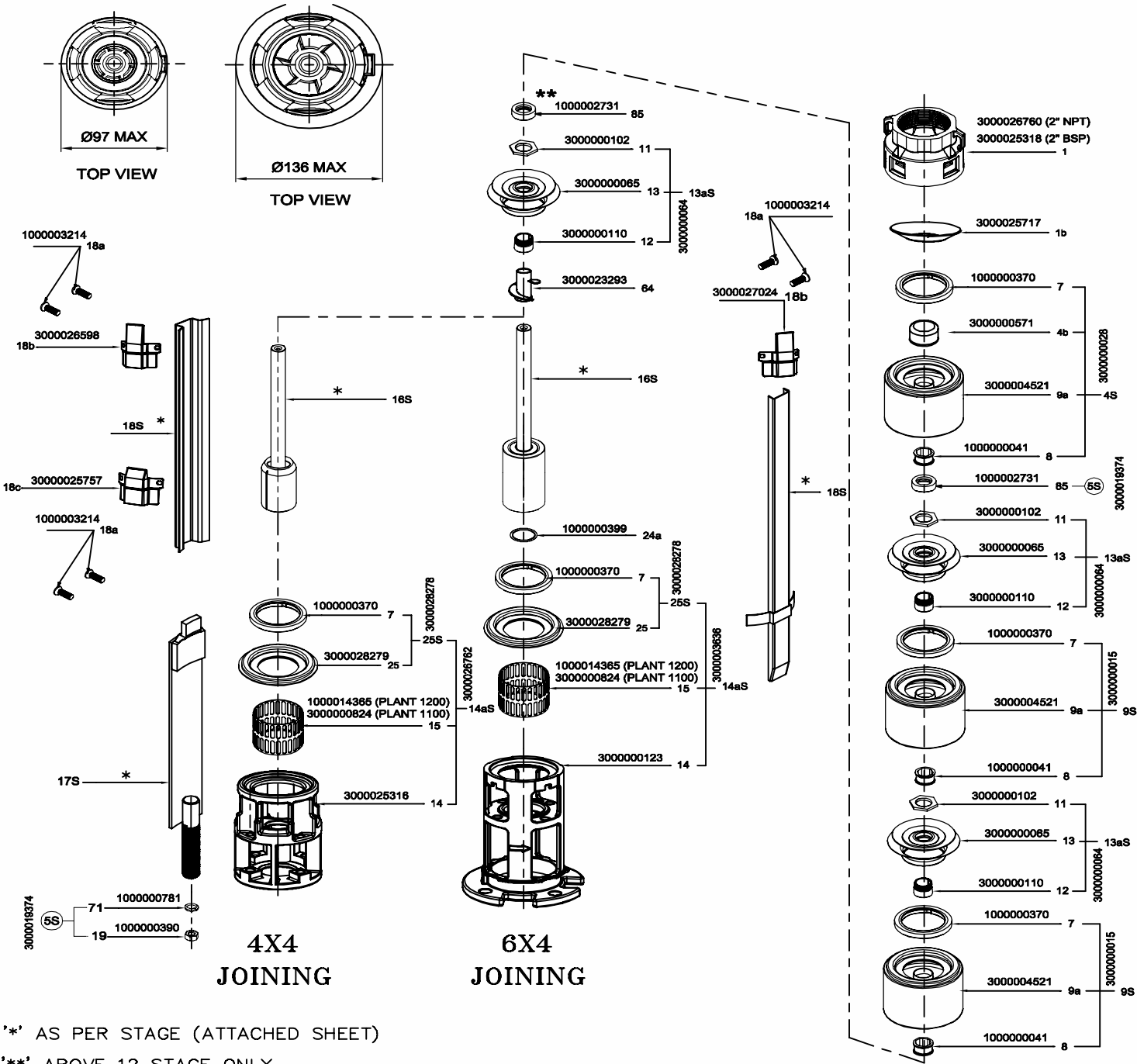
'*' AS PER STAGE (ATTACHED SHEET)

'**' ABOVE 12 STAGE ONLY.

MATERIAL SPECIFICATION

MAIN ASSEMBLY		SUB ASSEMBLY			
GROUP	POS	MATERIAL CODE	PART DESCRIPTION	MATERIAL	
VALVE CASING (BSP)	1	3000025318	VALVE CASING (2"BSP)	STAINLESS STEEL	
VALVE CASING (NPT)	1	3000026760	VALVE CASING (2"NPT)	STAINLESS STEEL	
	1b	3000025717	NRV FLAP	STAINLESS STEEL	
4S 3000000028 TOP CHAMBER	8	1000000041	BEARING	NBR	
	4b	3000000571	TOP CAP	STAINLESS STEEL	
	7	1000000370	NECKRING	NBR/PPS	
	9a	3000004521	BOWL	STAINLESS STEEL	
4S 3000000028 TOP CHAMBER	8	1000000041	BEARING	NBR	
	4b	3000000571	TOP CAP	STAINLESS STEEL	
	9a	3000004521	BOWL	STAINLESS STEEL	
9S 3000000015 INTER CHAMBER	7	1000000370	NECKRING	NBR/PPS	
	9a	3000004521	BOWL	STAINLESS STEEL	
	8	1000000041	BEARING	NBR	
5S 3000019374 HARDWARE	85	1000002731	STOP RING	CARBON/GRAPHITE HY22 IN TEFLON MASS	
	71	1000000781	WASHER	STAINLESS STEEL	
	19	1000000390	NUT	STAINLESS STEEL	
	64	3000023293	PRIMING SCREW	STAINLESS STEEL	
	18a	1000003214	PAN HEAD SCREW	STAINLESS STEEL	
	18b	3000026598	CABLE GUARD CLAMP (UPPER) 4x4	STAINLESS STEEL	
	18b	3000027024	CABLE GUARD CLAMP (UPPER) 6x4	STAINLESS STEEL	
	18c	3000025757	CABLE GUARD CLAMP (LOWER)	STAINLESS STEEL	
13aS 3000000064 IMPELLER COMPLETE	11	3000000102	SPLIT CONE NUT	STAINLESS STEEL	
	13	3000000065	IMPELLER	STAINLESS STEEL	
	12	3000000110	SPLIT CONE	STAINLESS STEEL	
	16S	*	PUMP SHAFT WITH COUPLING	STAINLESS STEEL	
	24a	1000000399	O-RING	NBR	
25S 30000028278 NECKRING CUP ASSEMBLY	7	1000000370	NECKRING	NBR/PPS	
	25	300028279	NECKRING PLATE	STAINLESS STEEL	
14aS 3000026762 SUCTION INTERCONNECTOR ASSEMBLY (4X4)	14	3000025316	SUCTION INTERCONNECTOR	STAINLESS STEEL	
	15	3000000824	STRAINER (1100)	STAINLESS STEEL	
	15	1000014365	STRAINER (1200)	STAINLESS STEEL	
	25S	30000028278	NECKRING CUP ASSEMBLY	N.A	
14aS 3000003636 SUCTION INTERCONNECTOR ASSEMBLY (6X4)	14	3000000123	SUCTION INTERCONNECOTR	STAINLESS STEEL	
	15	3000000824	STRAINER (1100)	STAINLESS STEEL	
	15	1000014365	STRAINER (1200)	STAINLESS STEEL	
	25S	30000028278	NECKRING CUP ASSEMBLY	N.A	
	17S	*	CLAMPING STRIP	STAINLESS STEEL	
	18S	*	CABLE GUARD	STAINLESS STEEL	

Exploded View QF 25



'*' AS PER STAGE (ATTACHED SHEET)

'**' ABOVE 12 STAGE ONLY.

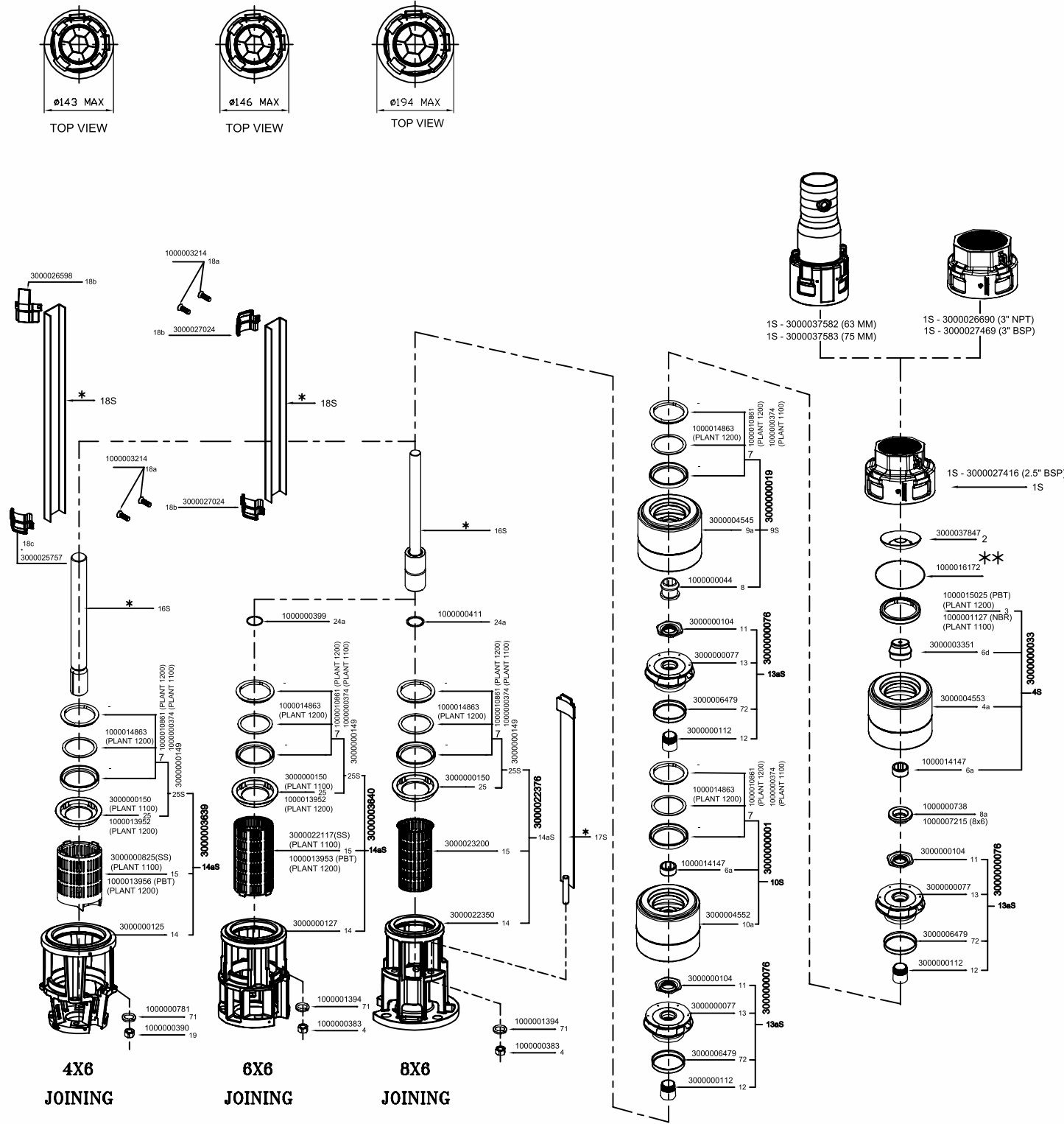
MATERIAL SPECIFICATION



MAIN ASSEMBLY GROUP	POS	SUB ASSEMBLY		MATERIAL
		MATERIAL CODE	PART DESCRIPTION	
VALVE CASING	1	3000027416	NRV (2.5"BSP)	STAINLESS STEEL
	1	3000027469	NRV (3"BSP)	STAINLESS STEEL
	1	3000026690	NRV (3"NPT)	STAINLESS STEEL
	1	3000037582	NRV63MM (HOSE TYPE)	STAINLESS STEEL
	1	3000037583	NRV75MM (HOSE TYPE)	STAINLESS STEEL
	2	3000037847	VALVE CONE	STAINLESS STEEL
	-	1000016172 **	O-RING	NBR
4S 3000000033 TOP CHAMBER	6a	1000014147	TOP BEARING	NBR
	3	1000015025(1200)	VALVE SEAT	PBT
	3	1000001127(1100)	VALVE SEAT	NBR
	4a	3000004553	BOWL	STAINLESS STEEL
(4x6) (6x6) (8x6)	8a	1000000738 1000007215	SPACING WASHER	CARBON/GRAPHITE HY22
9S 3000000019 INTER CHAMBER	7	1000010861(1200)	NECKRING	(PTFE+PBT)
	7	1000000374(1100)	NECKRING	(NBR)
	3	3000004545	BOWL	STAINLESS STEEL
	8	1000000044	BEARING	NBR
13aS 3000000076 IMPELLER COMPLETE	11	30000000104	SPLIT CONE NUT	STAINLESS STEEL
	13	30000000077	IMPELLER	STAINLESS STEEL
	12	30000000112	SPLIT CONE	STAINLESS STEEL
	72	3000006479	WEARING RING	STAINLESS STEEL
10S 3000000001 BOTTOM CHAMBER	7	1000010861(1200)	NECKRING	(PTFE+PBT)
	7	1000000374(1100)	NECKRING	(NBR)
	6a	1000001031	TOP BEARING	NBR
	10a	3000004552	BOWL	STAINLESS STEEL
	16S	*	PUMP SHAFT WITH COUPLING	STAINLESS STEEL
	18a	1000003214	PAN HEAD SCREW	STAINLESS STEEL
	18b	3000026598	CABLE GUARD CLAMP (UPPER) 4X6	STAINLESS STEEL
	18b	3000027024	CABLE GUARD CLAMP (UPPER) 6X6	STAINLESS STEEL
	18c	3000025757	CABLE GUARD CLAMP (LOWER) 4X6	STAINLESS STEEL
(6X6) (8X6)	24a	1000000399 1000000411	O-RING	NBR
14aS 3000003639 SUCTION INTERCONNECTOR ASSEMBLY (4X6)	14	30000000125	SUCTION INTERCONNECTOR	STAINLESS STEEL
	15	3000000825 (1100)	STRAINER	STAINLESS STEEL
	15	1000013956 (1200)	STRAINER	PBT
	25S	3000000149 (1100)	NECKRING CUP ASSLY	STAINLESS STEEL
	25S	1000013952 (1200)	NECKRING CUP ASSLY	PBT
14aS 3000003640 SUCTION INTERCONNECTOR ASSEMBLY (6X6)	14	30000000127	SUCTION INTERCONNECTOR	STAINLESS STEEL
	15	3000022117 (1100)	STRAINER	STAINLESS STEEL
	15	1000013953 (1200)	STRAINER	PBT
	25S	3000000149 (1100)	NECKRING CUP ASSLY	STAINLESS STEEL
	25S	1000013952 (1200)	NECKRING CUP ASSLY	PBT
14aS 3000022376 SUCTION INTERCONNECTOR ASSEMBLY (8X6)	14	3000022350	SUCTION INTERCONNECTOR	STAINLESS STEEL
	15	3000023200	STRAINER	STAINLESS STEEL
	25S	3000000149	NECKRING CUP ASSLY	NA
25S	7	1000010861(1200)	NECKRING	(PTFE+PBT)
	7	1000000374(1100)	NECKRING	(NBR)
30000000149	25	3000000150	NECKRING CUP	STAINLESS STEEL
4X6 (6X6,8X6)	71	1000000781 1000001394	SPRING WASHER	STAINLESS STEEL
4X6 (6X6,8X6)	19	1000000390	NUT	STAINLESS STEEL
4X6 (6X6,8X6)	4	1000000383		
	17S	*	CLAMPING STRIP	STAINLESS STEEL
	18S	*	CABLE GUARD	STAINLESS STEEL
7	-	-	UPPER SUPPORT	PBT
NECKRING 1000010861	-	1000014863	TEFLON RING	PTFE
	-	-	LOWER SUPPORT	PBT

NOTE: ** As per stage (attached sheet)
** ** USE 1000016172 ABOVE 22 STAGE

Exploded View QF 50

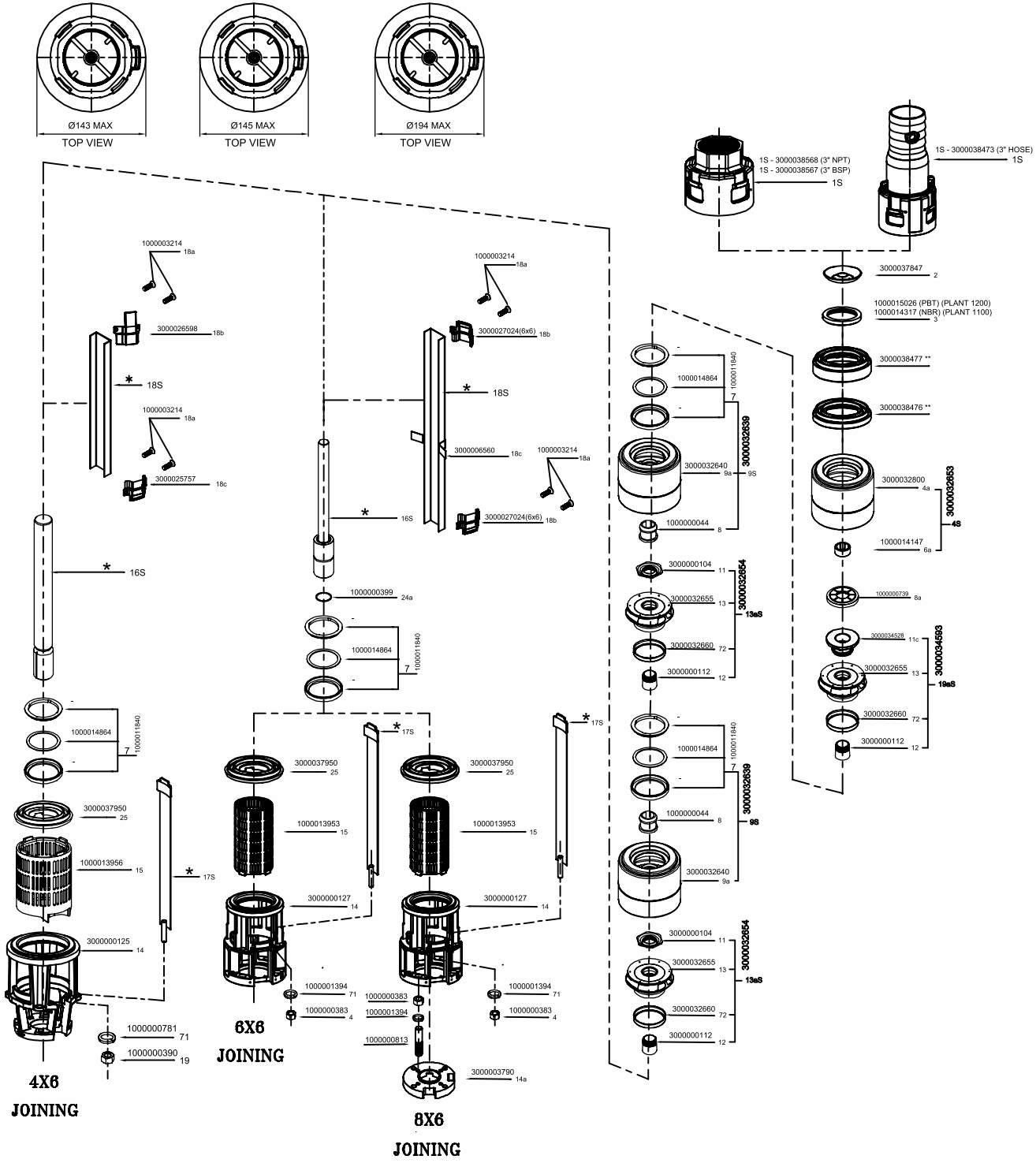


NOTE :- * = AS PER REQUIRED STAGE
* * = USE 1000016172 ABOVE 22 STAGE

MATERIAL SPECIFICATION

MAIN ASSEMBLY		SUB ASSEMBLY		
GROUP	POS	MATERIAL CODE	PART DESCRIPTION	MATERIAL
THREADING TYPE NRV	1S	3000038567	NRV (3"BSP)	STAINLESS STEEL
	1S	3000038568	NRV (3"NPT)	STAINLESS STEEL
HOSE TYPE NRV	1S	3000038473	NRV (3" HOSE TYPE)	STAINLESS STEEL
	-	3000038476**	SPACING CUP QF60 (13MM)	STAINLESS STEEL
	-	3000038477**	SPACING CUP QF60 (24MM)	STAINLESS STEEL
	3	1000015026	VALVESEAT (PLANT 1200)	PBT
	3	1000014317	VALVESEAT (PLANT 1100)	NBR+SS
	2	3000037847	VALVE CONE	STAINLESS STEEL
4S	6a	1000014147	TOP BEARING	NBR+SS
3000032653				
TOP CHAMBER	4a	3000032800	BOWL	STAINLESS STEEL
(6x6)	8a	1000000739	SPACING WASHER	CARBON/GRAPHITE HY22 IN TEFLON MASS
9S	7	1000011840	NECKRING	NBR+PPS
3000032639	9a	3000032640	BOWL	STAINLESS STEEL
INTER CHAMBER	8	1000000044	BEARING	NBR
19aS	11	3000034528	1ST NUT	STAINLESS STEEL
30000034593	13	3000032655	IMPELLER	STAINLESS STEEL
TOP IMPELLER COMPLETE	12	3000000112	SPLIT CONE	STAINLESS STEEL
	72	3000032660	WEARING RING	STAINLESS STEEL
13aS	11	3000000104	SPLIT CONE NUT	STAINLESS STEEL
3000032654	13	3000032655	IMPELLER	STAINLESS STEEL
IMPELLER COMPLETE	12	3000000112	SPLIT CONE	STAINLESS STEEL
	72	3000032660	WEARING RING	STAINLESS STEEL
	16S	*	PUMP SHAFT WITH COUPLING	STAINLESS STEEL
	18a	1000003214	PAN HEAD SCREW	STAINLESS STEEL
(4X6)	14	3000000125	SUCTION INTERCONNECOTR	STAINLESS STEEL
	15	1000013956	STRAINER	PBT
	18b	3000026598	CABLE GUARD CLAMP (UPPER) 4X6	STAINLESS STEEL
	18c	3000025757	CABLE GUARD CLAMP (LOWER) 4X6	STAINLESS STEEL
	71	1000000781	SPRING WASHER	STAINLESS STEEL
	19	1000000390	NUT	STAINLESS STEEL
(6X6)(8X6)	14	3000000127	SUCTION INTERCONNECOTR	STAINLESS STEEL
	15	1000013953	STRAINER	PBT
	18b	3000027024	CABLE GUARD CLAMP (6X6)	STAINLESS STEEL
	18c	3000006560	CABLE GUARD CLAMP (CENTRE)	STAINLESS STEEL
	71	1000001394	SPRING WASHER	STAINLESS STEEL
	4	1000000383	NUT	STAINLESS STEEL
	24a	1000000399	O-RING	NBR
(8X6)	14a	3000003750	SUC.CASE ADOPTER(8X6)	STAINLESS STEEL
	4	1000000383	NUT M12	STAINLESS STEEL
	-	1000000813	STUD M12	STAINLESS STEEL
	-	1000000389	NUT M16	STAINLESS STEEL
	-	1000002211	STUD M16	STAINLESS STEEL
	25	3000037950	SUCTION CASE PLATE	STAINLESS STEEL
	7	1000011840	NECKRING	NBR+PPS
	17S	*	CLAMPING STRIP	STAINLESS STEEL
	18S	*	CABLE GUARD	STAINLESS STEEL
	7	-	UPPER SUPPORT	PBT
NECKRING	-	1000014864	TEFLON RING	PTFE
1000011840	-	-	LOWER SUPPORT	PBT

Exploded View QF 60



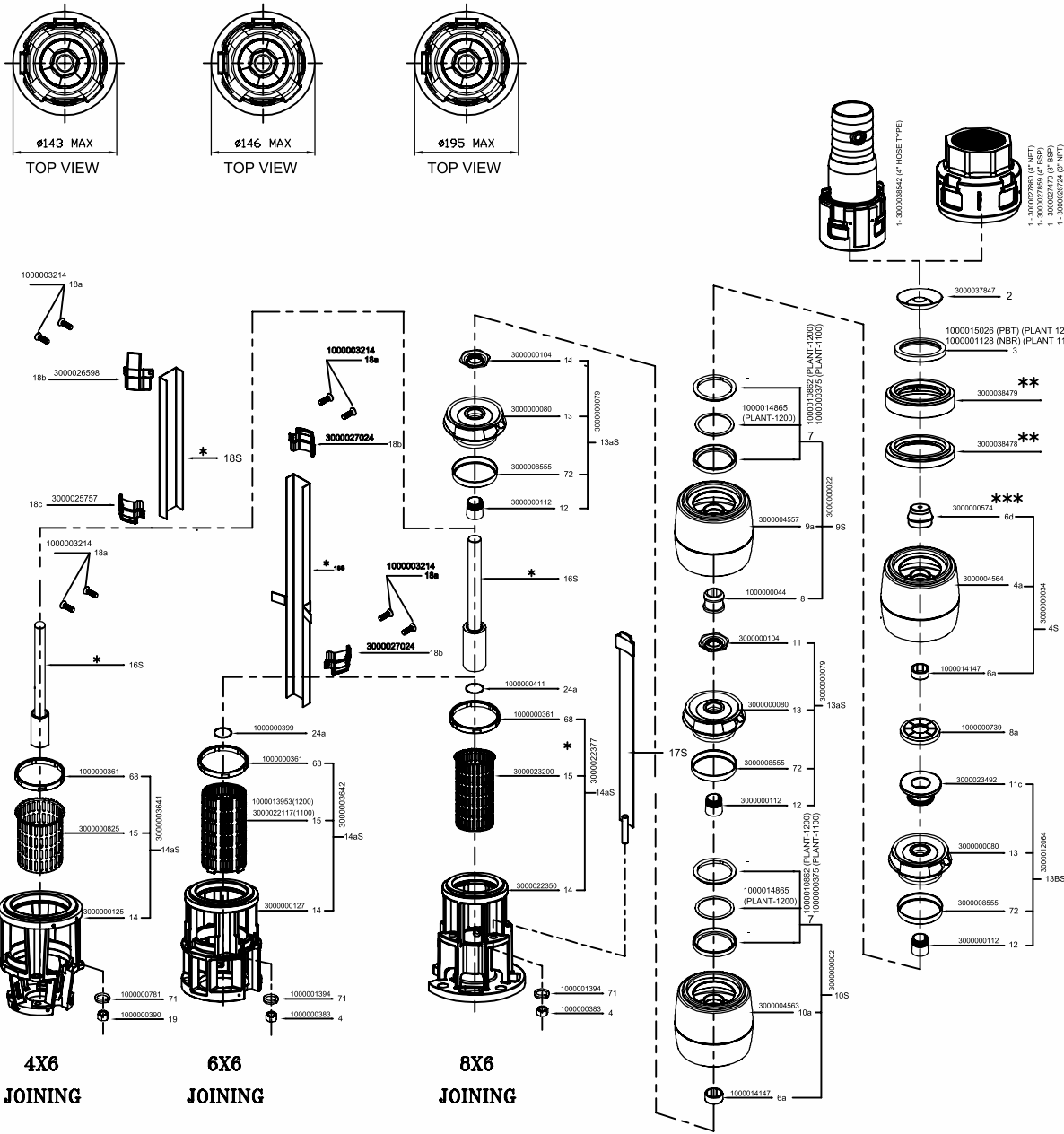
NOTE :- * = AS PER REQUIRED STAGE
** = AS PER SHAFT COMMON CHART AND THESE COMPONENT ARE NOT USED FOR EXPORT MARKET

MATERIAL SPECIFICATION



Exploded View QF 75

MAIN ASSEMBLY		SUB ASSEMBLY		
GROUP	POS	MATERIAL CODE	PART DESCRIPTION	MATERIAL
VALVE CASING	1	3000027470	NRV (3"BSP)	STAINLESS STEEL
	1	3000026724	NRV (3"NPT)	STAINLESS STEEL
	1	3000027859	NRV (4"BSP)	STAINLESS STEEL
	1	3000027860	NRV (4"NPT)	STAINLESS STEEL
	1	3000038542	NRV (4" HOSE TYPE)	STAINLESS STEEL
	2	3000037847	VALVE CONE	STAINLESS STEEL
	3	1000015027	VALVE SEAT (PLANT 1200)	PBT
	3	1000001128	VALVE SEAT (PLANT 1100)	NBR
		3000038478 **	SPACING CUP (13MM)	STAINLESS STEEL
		3000038479 **	SPACING CUP (24 MM)	STAINLESS STEEL
4S 3000000034 TOP CHAMBER	6a	1000014147	TOP BEARING	SS+NBR
	4a	3000004564	BOWL	STAINLESS STEEL
	8a	1000000739	SPACING WASHER	CARBON/GRAPHITE HY22 IN TEFLON MASS
9S 3000000022 INTER CHAMBER	7	1000010862	NECKRING (PLANT-1200)	PTFE+PBT
	7	1000000375	NECKRING (PLANT-1100)	NBR/PPS
	3	3000004557	BOWL	STAINLESS STEEL
	8	1000000044	BEARING	NBR
13aS 3000000079 IMPELLER COMPLETE	11	3000000104	SPLIT CONE NUT	STAINLESS STEEL
	13	3000000080	IMPELLER	STAINLESS STEEL
	12	3000000112	SPLIT CONE	STAINLESS STEEL
	72	3000008555	WEARING RING	STAINLESS STEEL
13BS 3000012064 TOP IMPELLER	13AS	3000000079	IMPELLER COMPLETE	STAINLESS STEEL
	11c	3000023492	1ST NUT	STAINLESS STEEL
10S 3000000002 BOTTOM CHAMBER	7	1000010862	NECKRING (PLANT-1200)	PTFE+PBT
	7	1000000375	NECKRING (PLANT-1100)	NBR/PPS
	6a	1000014147	TOP BEARING	SS+NBR
	10a	3000004563	BOWL	STAINLESS STEEL
	16S	*	PUMP SHAFT WITH COUPLING	STAINLESS STEEL
	18a	1000003214	PAN HEAD SCREW	STAINLESS STEEL
	18b	3000026598	CABLE GUARD CLAMP (UPPER) 4X6	STAINLESS STEEL
	18b	3000027024	CABLE GUARD CLAMP (UPPER) 6X6	STAINLESS STEEL
	18c	3000025757	CABLE GUARD CLAMP (LOWER) 4X6	STAINLESS STEEL
(6X6) (8X6)	24a	1000000399	O-RING	NBR
		1000000411		
14aS 3000003641 SUCTION INTERCONNECTOR ASSEMBLY (4X6)	14	3000000125	SUCTION INTERCONNECTOR	STAINLESS STEEL
	15	3000000825	STRAINER	STAINLESS STEEL
	68	1000000361	NECKRING 1st	SS+NBR
14aS 3000003642 SUCTION INTERCONNECTOR ASSEMBLY (6X6)	14	3000000127	SUCTION INTERCONNECTOR	STAINLESS STEEL
	15	3000022117	STRAINER (PLANT-1100)	STAINLESS STEEL
	15	1000013953	STRAINER (PLANT-1200)	PBT
	68	1000000361	NECKRING 1st	SS+NBR
14aS 3000022377 SUCTION INTERCONNECTOR ASSEMBLY (8X6)	14	3000022350	SUCTION INTERCONNECTOR	STAINLESS STEEL
	15	3000023200	STRAINER	STAINLESS STEEL
	68	1000000361	NECKRING 1st	SS+NBR
	71	1000001394	SPRING WASHER	STAINLESS STEEL
	4	1000000383	NUT	STAINLESS STEEL
	17S	*	CLAMPING STRIP	STAINLESS STEEL
	18S	*	CABLE GUARD	STAINLESS STEEL
7 NECKRING 1000010862	-	-	UPPER SUPPORT	PBT
	-	1000014865	TEFLON RING	PTFE
	-	-	LOWER SUPPORT	PBT
NOTE: ** As per stage (attached sheet)				
***As per shaft common chart and these components are not used for export market.				

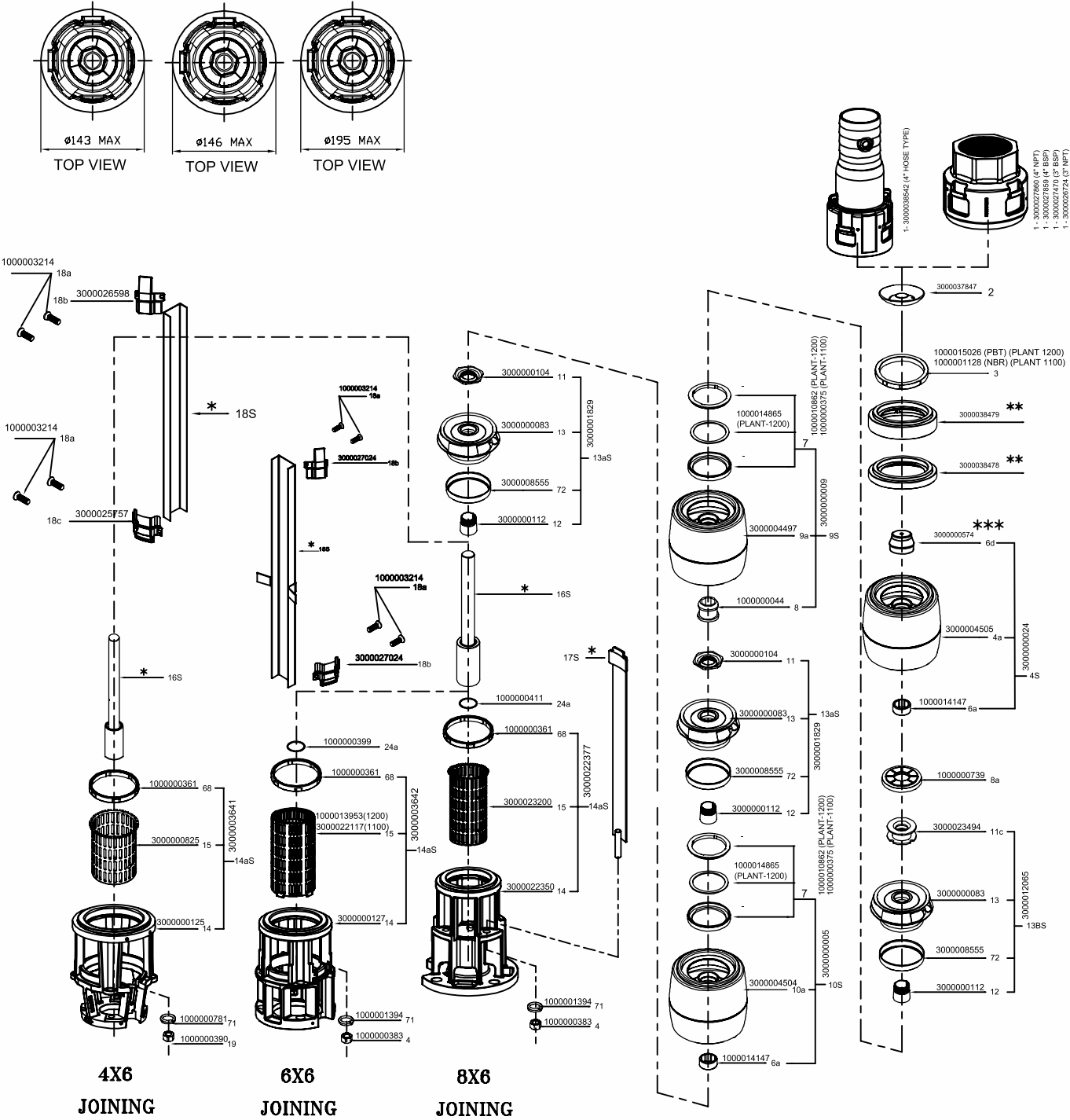


'*' AS PER STAGE (ATTACHED SHEET)
'***' AS PER SHAFT COMMON CHART AND THESE COMPONENT ARE NOT USED FOR EXPORT MARKET
'****' COMPONENT ARE NOT USED FOR 1200 PLANT

MATERIAL SPECIFICATION

MAIN ASSEMBLY		SUB ASSEMBLY		
GROUP	POS	MATERIAL CODE	PART DESCRIPTION	MATERIAL
VALVE CASING	1	3000027470	NRV (3"BSP)	STAINLESS STEEL
	1	3000026724	NRV (3"NPT)	STAINLESS STEEL
	1	3000027859	NRV (4"BSP)	STAINLESS STEEL
	1	3000027860	NRV (4"NPT)	STAINLESS STEEL
	1	3000038542	NRV (4" HOSE TYPE)	STAINLESS STEEL
	2	3000037847	VALVE CONE	STAINLESS STEEL
	3	1000015027	VALVE SEAT (PLANT1200)	PBT
	3	1000001128	VALVE SEAT (PLANT1100)	NBR
		3000038478 **	SPACING CUP (13MM)	STAINLESS STEEL
		3000038479 **	SPACING CUP (24 MM)	STAINLESS STEEL
4S 3000000024 TOP CHAMBER	6a	1000014147	TOP BEARING	SS+NBR
	4a	3000004505	BOWL (TOP)	STAINLESS STEEL
	8a	1000000739	SPACING WASHER	CARBON/GRAPHITE HY22 IN TEFLON MASS
9S 3000000009 INTER CHAMBER	7	1000010862	NECKRING (PLANT-1200)	PTFE+PBT
	7	1000000375	NECKRING (PLANT-1100)	NBR/PPS
	9a	3000004497	BOWL	STAINLESS STEEL
	8	1000000044	BEARING	NBR
13aS 3000001829 IMPELLER COMPLETE	11	30000000104	SPLIT CONE NUT	STAINLESS STEEL
	13	30000000083	IMPELLER	STAINLESS STEEL
	12	30000000112	SPLIT CONE	STAINLESS STEEL
	72	3000008555	WEARING RING	STAINLESS STEEL
13BS 3000012065 TOP IMPELLER	13AS	3000001829	IMPELLER COMPLETE	STAINLESS STEEL
	11c	3000023494	1ST NUT	STAINLESS STEEL
10S 3000000005 BOTTOM CHAMBER	7	1000010862	NECKRING (PLANT-1200)	PTFE+PBT
	7	1000000375	NECKRING (PLANT-1100)	NBR/PPS
	6a	1000014147	TOP BEARING	SS+NBR
	10a	3000004504	BOWL(BOTTOM)	STAINLESS STEEL
	16S	*	PUMP SHAFT WITH COUPLING	STAINLESS STEEL
	18a	1000003214	PAN HEAD SCREW	STAINLESS STEEL
	18b	3000026598	CABLE GUARD CLAMP (UPPER) 4X6	STAINLESS STEEL
	18b	3000027024	CABLE GUARD CLAMP (UPPER) 6X6	STAINLESS STEEL
	18c	3000025757	CABLE GUARD CLAMP (LOWER) 4X6	STAINLESS STEEL
(6X6)	24a	1000000399	O-RING	NBR
(8X6)	24a	1000000411		
14aS 3000003641 SUCTION INTERCONNECTOR ASSEMBLY (4X6)	14	3000000125	SUCTION INTERCONNECTOR	STAINLESS STEEL
	15	3000000825	STRAINER	STAINLESS STEEL
	68	1000000361	NECKRING 1st	SS+NBR
14aS 3000003642 SUCTION INTERCONNECTOR ASSEMBLY (6X6)	14	3000000127	SUCTION INTERNECOTR	STAINLESS STEEL
	15	3000022117	STRAINER (PLANT-1100)	STAINLESS STEEL
	15	1000013953	STRAINER (PLANT-1200)	PBT
	68	1000000361	NECKRING 1st	SS+NBR
14aS 3000022377 SUCTION INTERCONNECTOR ASSEMBLY (8X6)	14	3000022350	SUCTION INTERNECOTR	STAINLESS STEEL
	15	3000023200	STRAINER	STAINLESS STEEL
	68	1000000361	NECKRING 1st	SS+NBR
(4X6)	71	1000000781	SPRING WASHER	STAINLESS STEEL
(6X6),(8X6)	71	1000001394		
(4X6)	19	1000000390	NUT	STAINLESS STEEL
(6X6),(8X6)	4	1000000383		
	17S	*	CLAMPING STRIP	STAINLESS STEEL
	18S	*	CABLE GUARD	STAINLESS STEEL
7 NECKRING 1000010862	-	-	UPPER SUPPORT	PBT
	-	1000014865	TEFLON RING	PTFE
	-	-	LOWER SUPPORT	PBT
NOTE: "" As per stage (attached sheet)				
***As per shaft common chart and these components are not used for export market.				

Exploded View QF 100

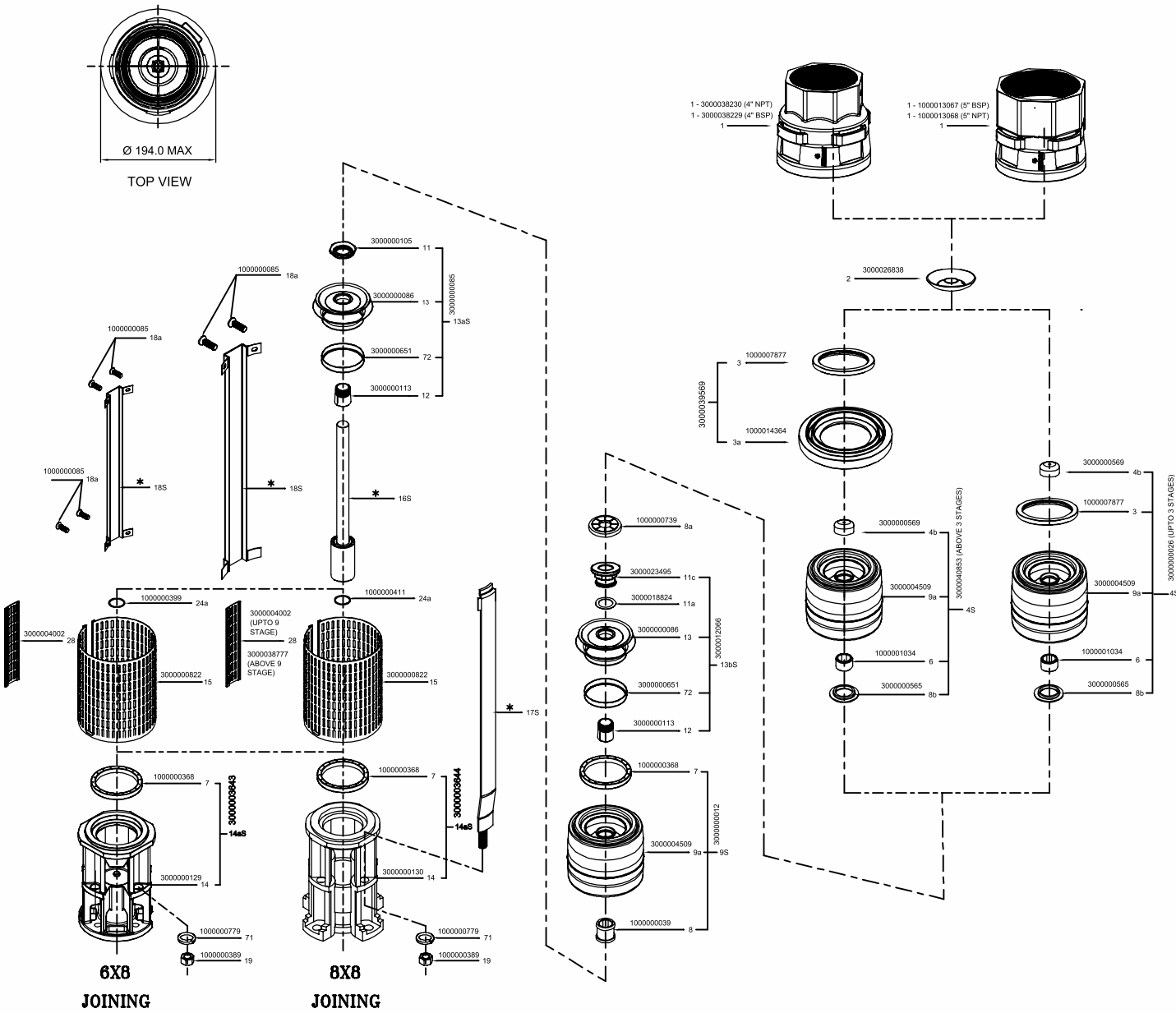


NOTE :- * = AS PER REQUIRED STAGE
*** = AS PER SHAFT COMMON CHART AND THESE COMPONENT ARE NOT USED FOR EXPORT MARKET
*** = COMPONENT ARE NOT USED FOR PLANT 1200

MATERIAL SPECIFICATION

POS.	MATERIAL CODE	DESCRIPTION	MATERIAL
1	1000013068 (5" NPT)	VALVE CASING	STAINLESS STEEL
	1000013067 (5" BSP)		
	3000038230 (4" NPT)		
	3000038229 (4" BSP)		
	3000039569	TOP PLATE ASS.QF105/160	N.A.
3	1000007877	VALVE SEAT	NBR
3a	1000014364	TOP SUPPORT PLATE	STAINLESS STEEL
2	3000026838	VALVE CONE	STAINLESS STEEL
FLANGE TYPE VALVE CASING			
3b	3000000764	UPPER VALVE SEAT RETAINER	STAINLESS STEEL
70	3000000756	VALVE GUIDE COMPLETE	STAINLESS STEEL
4S	3000000026	TOP INTERMEDIATE CHAMBER COMPLETE (UPTO 3 STAGE)	N.A.
	3000040853	TOP INTERMEDIATE CHAMBER COMPLETE (ABOVE 3 STAGE)	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 WASHER	STAINLESS STEEL
11c	3000023495	1st NUT INV MC	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	*	CABLE GAURD	STAINLESS STEEL
16S	*	PUMP SHAFT WITH COUPLING	STAINLESS STEEL
15	3000040389	STRAINER	STAINLESS STEEL
28	3000004002	LOCK FOR STRAINER	STAINLESS STEEL
8X8 JOINING			
14aS	3000003644	SUCTION INTERCONNECTOR COMPLETE	N.A.
14	3000000130	SUCTION INTERCONNECTOR	STAINLESS STEEL
24a	1000000411	O RING	NBR
18S	*	CABLE GAURD	STAINLESS STEEL
16S	*	PUMP SHAFT WITH COUPLING	STAINLESS STEEL
28	3000004002	LOCK FOR STRAINER (UPTO 9 STAGE)	STAINLESS STEEL
28	3000038777	LOCK FOR STRAINER (ABOVE 9 STAGE)	STAINLESS STEEL
15	3000000822	STRAINER	STAINLESS STEEL
17S	*	STRAP	STAINLESS STEEL
18a	1000000085	PAN HEAD SCREW	STAINLESS STEEL
19	1000000389	NUT	STAINLESS STEEL
70a	1000001322	NRV SLEEVE	NBR+SS
71	1000000779	WASHER	STAINLESS STEEL
72	3000000651	WEAR RING	STAINLESS STEEL
NOTE:-	1) * = AS PER REQUIRED STAGE		
	2) USE SPLIT WASHER (3000018824) UPTO 4 STAGE PUMP (IN TOP IMPELLER ONLY)		
	3) USE TOP SUPPORT PLATE ASS. (3000039569) ABOVE 3 STAGE		

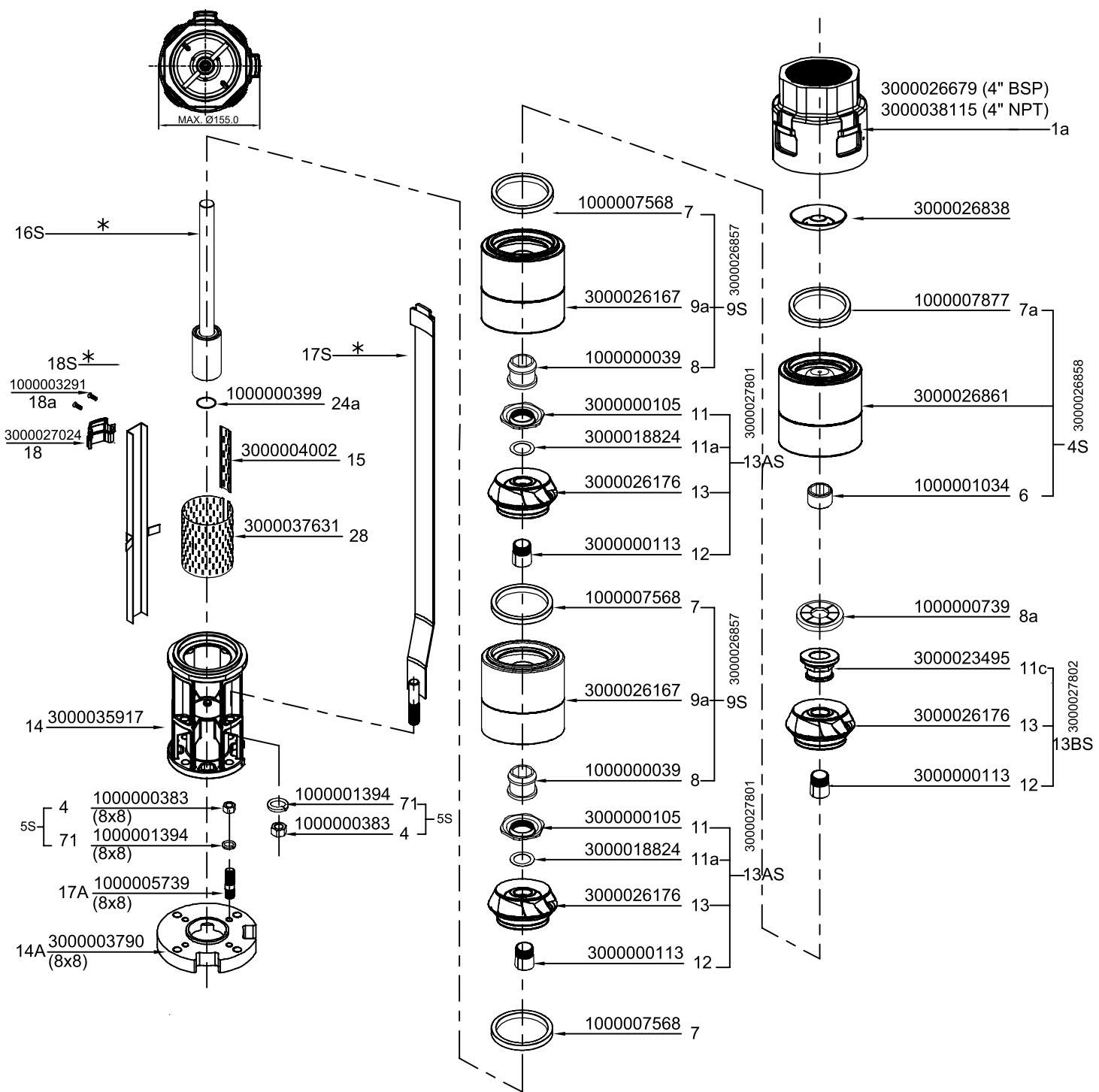
Exploded View QF 125



MATERIAL SPECIFICATION

POS.	MATERIAL CODE	DESCRIPTION	MATERIAL
1a	3000026679	VALVE CAS. QF-150-4.0"BSP M/C	STAINLESS STEEL
1a	3000038115	VALVE CAS. QF-150-4.0"NPT M/C	STAINLESS STEEL
2	3000026838	VALVE CONE QF150	STAINLESS STEEL
4S	3000026858	TOP CHAMBER QF-150	N/A
7a	1000007877	VALVE SEAT QF-150	PTFE
9a	3000026861	TOP BOWL QF150 M/C	STAINLESS STEEL
6	1000001034	TOP BEARING QF-125/160	NBR+STAINLESS STEEL
13BS	3000027802	TOP IMPELLER QF-150 COMP.	N/A
11c	3000023495	1st NUT QF-125 (6X8) INV MC.	STAINLESS STEEL
11a	3000018824	SPLIT WASHER QF-125/160 (1.0MM)	STAINLESS STEEL
13	3000026176	IMPELLER QF-150 M/C	N/A
12	3000000113	SPLIT CONE QF-125/160	STAINLESS STEEL
7	1000007568	NECKRING QF-150	PTFE
13AS	3000027801	IMPELLER QF-150 COMP.	N/A
11	3000000105	SPLIT CONE NUT QF-125/160	STAINLESS STEEL
9S	3000026857	INTER CHAMBER QF-150	N/A
8	1000000039	BEARING QF-125/160	NBR
16S	*	SHAFT ASSLY 6"	N/A
17S	*	CLAMPING STRIP	STAINLESS STEEL
18a	1000003291	PAN HEAD SCREW M4X8 SS-304	STAINLESS STEEL
18	3000027024	CABLE GAURD CLAMP QF-30/100	STAINLESS STEEL
18S	*	CABLE GUARD	STAINLESS STEEL
24a	1000000399	O RING ID-25 X OD-31.8TH-3.4MM	NBR
28	3000037631	STRAINER	STAINLESS STEEL
15	3000004002	STRAINER LOCK	STAINLESS STEEL
14	3000035917	SUCTION CASE	STAINLESS STEEL
71	1000001394	SPRING WASHER M12(SS-304)	STAINLESS STEEL
8a	1000000739	SPACING WASHER QF-75-160	TEFLON
4	1000000383	NUT M12 HH (SS-304)	STAINLESS STEEL
8X8 JOINING			
17A	1000005739	STUD M12X48 (H.T.)	STAINLESS STEEL
14A	3000003790	SUC. CASE ADOPTER (8X6)	STAINLESS STEEL

Exploded View QF 150

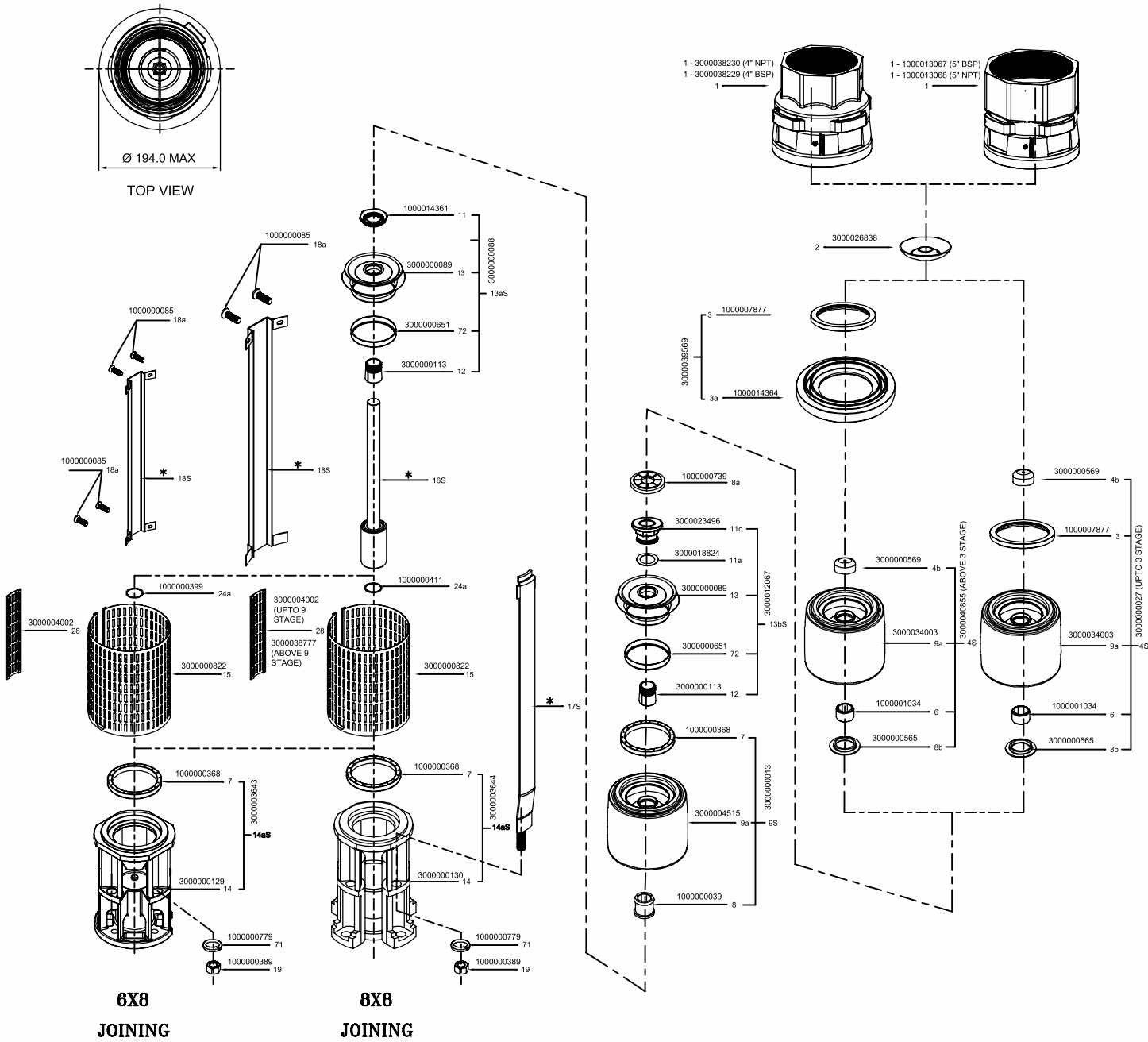


NOTE :- * = AS PER REQUIRED STAGE

MATERIAL SPECIFICATION

POS.	MATERIAL CODE	DESCRIPTION	MATERIAL
1	1000013068 (5" NPT)	VALVE CASING	STAINLESS STEEL
	1000013067 (5" BSP)		
	3000038230 (4" NPT)		
	3000038229 (4" BSP)		
	3000039569	TOP PLATE ASS.QF105/160	N.A.
3a	1000014364	TOP SUPPORT PLATE	STAINLESS STEEL
2	3000026838	VALVE CONE	STAINLESS STEEL
3	1000007877	VALVE SEAT	NBR
4S	3000000027	TOP INTERMEDIATE CHAMBER COMPLETE (UPTO 3 STAGE)	N.A.
	3000040855	TOP INTERMEDIATE CHAMBER COMPLETE (ABOVE 3 STAGE)	
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	3000000013	INTERMEDIATE CHAMBER COMPLETE	N.A.
9a	3000004515	INTERMEDIATE CHAMBER	STAINLESS STEEL
11	1000014361	SPLIT CONE NUT	STAINLESS STEEL
11a	3000018824	SPLIT WASHER	STAINLESS STEEL
11c	3000023496	1st NUT INV MC	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			
14	3000000129	SUCTION INTERCONNECTOR	STAINLESS STEEL
24a	1000000399	O RING	NBR
18S	*	CABLE GAURD	STAINLESS STEEL
16S	*	PUMP SHAFT WITH COUPLING	STAINLESS STEEL
15	3000040389	STRAINER	STAINLESS STEEL
28	3000004002	LOCK FOR STRAINER	STAINLESS STEEL
8X8 JOINING			
14	3000000130	SUCTION INTERCONNECTOR	STAINLESS STEEL
24a	1000000411	O RING	NBR
18S	*	CABLE GAURD	STAINLESS STEEL
16S	*	PUMP SHAFT WITH COUPLING	STAINLESS STEEL
15	3000000822	STRAINER	STAINLESS STEEL
28	3000004002	LOCK FOR STRAINER (UPTO 9 STAGE)	STAINLESS STEEL
28	3000038777	LOCK FOR STRAINER (ABOVE 9 STAGE)	STAINLESS STEEL
17S	*	STRIP	STAINLESS STEEL
18a	1000000085	SCREW FOR CABLE GUARD	STAINLESS STEEL
19	1000000389	NUT	STAINLESS STEEL
71	1000000779	WASHER	STAINLESS STEEL
72	3000000651	WEAR RING	STAINLESS STEEL
NOTE	1) * = AS PER REQUIRED STAGE		
	2) USE SPLIT WASHER (3000018824) UPTO 4 STAGE PUMP (IN TOP IMPELLER ONLY)		
	3) USE TOP SUPPORT PLATE ASS. (3000039569) ABOVE 3 STAGE		

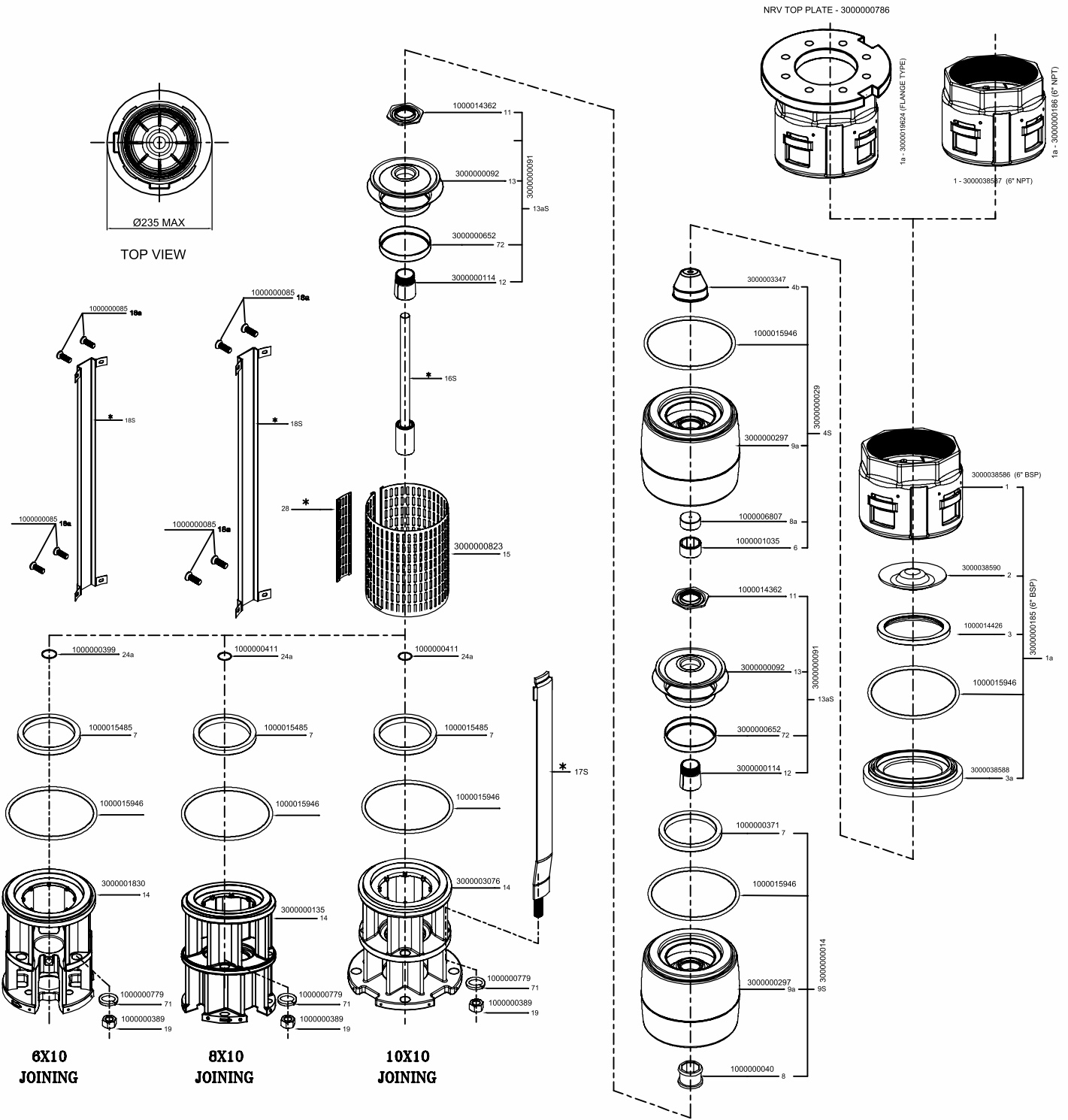
Exploded View QF160



MATERIAL SPECIFICATION

POS.	MATERIAL CODE	DESCRIPTION	MATERIAL
1a	3000000185 (6" BSP)	DISCHARGE CHAMBER COMPLETE	N.A.
	3000000186 (6" NPT)		
	3000019624 (FLANGE TYPE)		
1	3000038586	NRV QF-210/270-6.0"BSP INV M/C	STAINLESS STEEL
	3000038587	NRV QF-210/270-6.0"NPT INV M/C	
2	3000038590	VALVE CONE QF-210/270-NEW	STAINLESS STEEL
3	1000014426	VALVE SEAT QF210/270-NEW (3)	NBR+STEEL
3a	3000038588	TOP SUPPORT PLATE QF210/270 INV M/C	STAINLESS STEEL
4S	3000000029	TOP INTERMEDIATE CHAMBER COMPLETE	N.A.
4b	3000003347	TOP CAP BOWL	STAINLESS STEEL
6	1000001035	TOP BEARING	NBR
7	1000000371	NECKRING	NBR+PPS
8	1000000040	INTERMEDIATE BEARING	NBR
8a	1000006807	STOP DISC	LTB-2
9S	3000000014	INTERMEDIATE CHAMBER COMPLETE	N.A.
9a	3000000297	INTERMEDIATE CHAMBER	STAINLESS STEEL
11	1000014362	SPLIT CONE NUT QF210/270 INV M/C (11)	STAINLESS STEEL
12	3000000114	SPLIT CONE	STAINLESS STEEL
13aS	3000000091	IMPELLER COMPLETE	STAINLESS STEEL
13	3000000092	IMPELLER	STAINLESS STEEL
7	1000015485	1ST NECKRING	NBR+PPS
-	1000015946	ORING	NBR
6X10 JOINING			
14aS	3000003645	SUCTION INTERCONNECTOR COMPLETE	N.A.
14	30000001830	SUCTION INTERCONNECTOR	STAINLESS STEEL
24a	1000000399	O RING	NBR
18S	*	CABLE GAURD	STAINLESS STEEL
16S	*	PUMP SHAFT WITH COUPLING	STAINLESS STEEL
8X10 JOINING			
14aS	3000019865	SUCTION INTERCONNECTOR COMPLETE	N.A.
14	3000000135	SUCTION INTERCONNECTOR	STAINLESS STEEL
24a	1000000411	O RING	NBR
16S	*	PUMP SHAFT WITH COUPLING	STAINLESS STEEL
10X10 JOINING			
14aS	3000003647	SUCTION INTERCONNECTOR COMPLETE	N.A.
14	3000003076	SUCTION INTERCONNECTOR	STAINLESS STEEL
16S	*	PUMP SHAFT WITH COUPLING	STAINLESS STEEL
15	3000000823	STRAINER	STAINLESS STEEL
17S	*	STRAP	STAINLESS STEEL
18S	*	CABLE GAURD	STAINLESS STEEL
18a	1000000085	SCREW FOR CABLE GUARD	STAINLESS STEEL
19	1000000389	NUT	STAINLESS STEEL
28	3000004002	LOCK FOR STRAINER (UPTO 5 STAGE)	STAINLESS STEEL
	3000038777	LOCK FOR STRAINER (ABOVE 5 STAGE)	STAINLESS STEEL
71	1000000779	WASHER	STAINLESS STEEL
72	3000000652	WEAR RING	STAINLESS STEEL

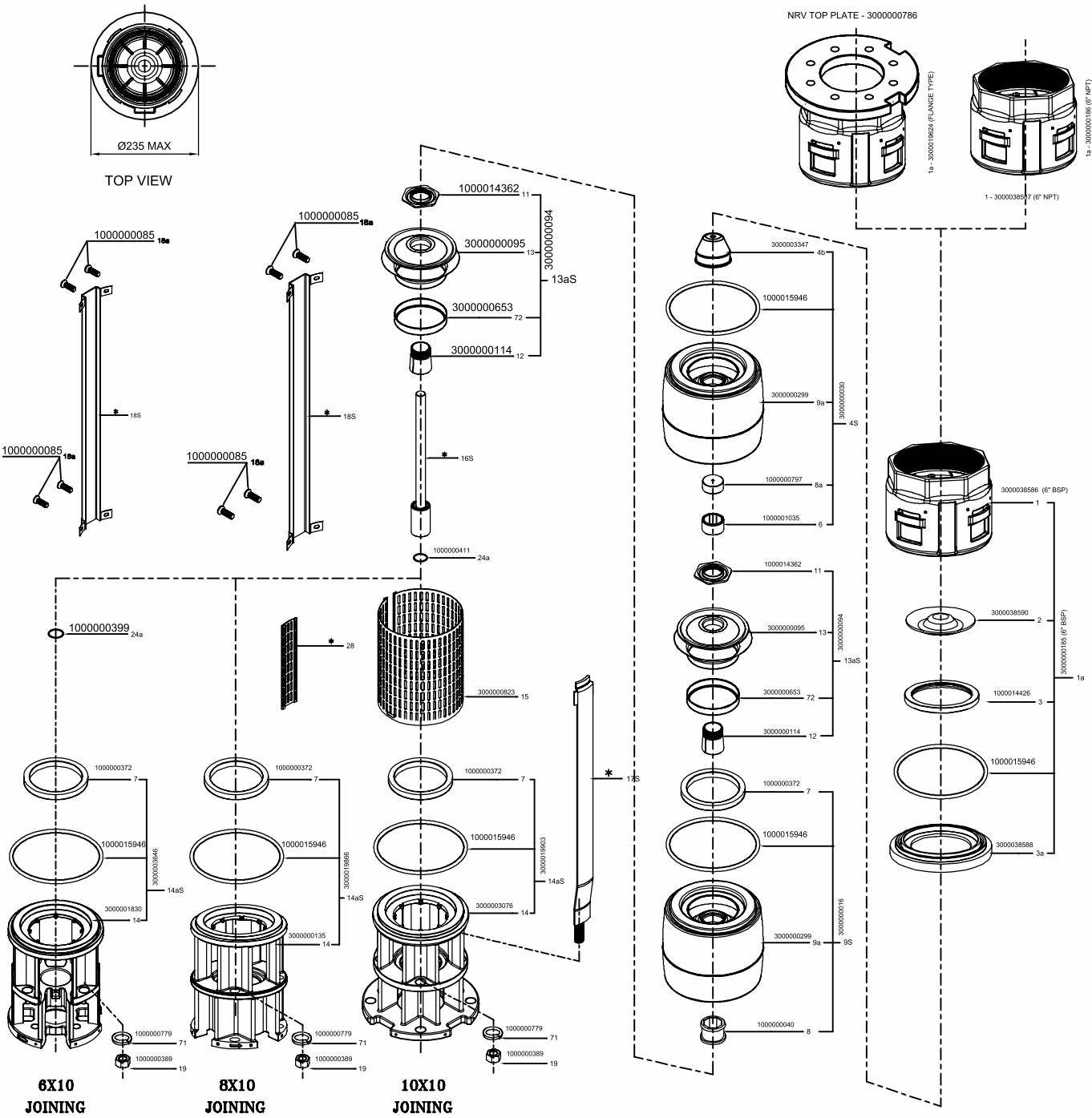
EXPLODED VIEW QF 210



MATERIAL SPECIFICATION

POS.	MATERIAL CODE	DESCRIPTION	MATERIAL
1a	3000000185 (6" BSP)	DISCHARGE CHAMBER COMPLETE	N.A.
	3000000186 (6" NPT)		
	3000019624 (FLANGE TYPE)		
1	3000038586	NRV QF-210/270-6.0"BSP INV M/C	STAINLESS STEEL
	3000038587	NRV QF-210/270-6.0"NPT INV M/C	
2	3000038590	VALVE CONE QF-210/270-NEW	STAINLESS STEEL
3	1000014426	VALVE SEAT QF210/270-NEW (3)	NBR+STEEL
3a	3000038588	TOP SUPPORT PLATE QF210/270 INV M/C	STAINLESS STEEL
4S	3000000030	TOP INTERMEDIATE CHAMBER COMPLETE	N.A.
4b	3000003347	TOP CAP BOWL	STAINLESS STEEL
6	1000001035	TOP BEARING	NBR
7	1000000372	NECK RING	NBR+PPS
8	1000000040	INTERMEDIATE BEARING	NBR
8a	1000000797	STOP DISC	LTB -2
9S	3000000016	INTERMEDIATE CHAMBER COMPLETE	N.A.
9a	3000000299	INTERMEDIATE CHAMBER	STAINLESS STEEL
11	1000014362	SPLIT CONE NUT QF210/270 INV M/C (11)	STAINLESS STEEL
12	3000000114	SPLIT CONE	STAINLESS STEEL
13aS	3000000094	IMPELLER COMPLETE	STAINLESS STEEL
13	3000000095	IMPELLER	STAINLESS STEEL
-	1000015946	O RING	NBR
6X10 JOINING			
14aS	3000003646	SUCTION INTERCONNECTOR COMPLETE	N.A.
14	30000001830	SUCTION INTERCONNECTOR	STAINLESS STEEL
24a	1000000399	O RING	NBR
18S	*	CABLE GAIRD	STAINLESS STEEL
16S	*	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	*	PUMP SHAFT WITH COUPLING	STAINLESS STEEL
10X10 JOINING			
14aS	3000019903	SUCTION INTERCONNECTOR COMPLETE	N.A.
14	3000003076	SUCTION INTERCONNECTOR	STAINLESS STEEL
16S	*	PUMP SHAFT WITH COUPLING	STAINLESS STEEL
15	3000000823	STRAINER	STAINLESS STEEL
17S	*	STRAP	STAINLESS STEEL
18S	*	CABLE GAIRD	STAINLESS STEEL
18a	1000000085	CHEESE HEAD SCREW	STAINLESS STEEL
19	1000000389	NUT	STAINLESS STEEL
28	3000004002	LOCK FOR STRAINER (UPTO 5 STAGE)	STAINLESS STEEL
	3000038777	LOCK FOR STRAINER (ABOVE 5 STAGE)	STAINLESS STEEL
71	1000000779	WASHER	STAINLESS STEEL
72	3000000653	WEAR RING	STAINLESS STEEL

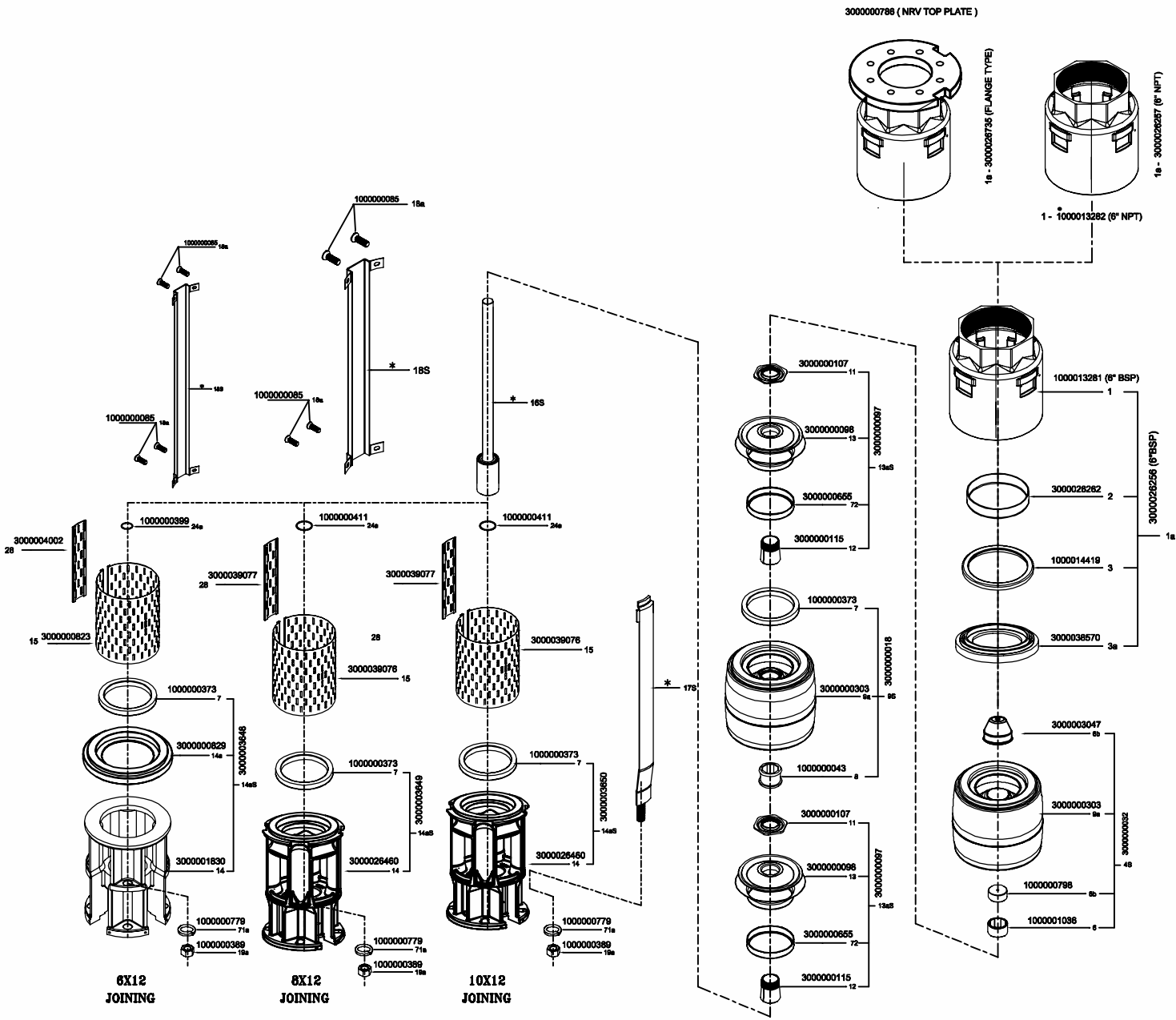
EXPLODED VIEW QF 270







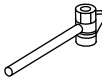
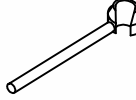



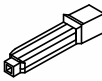



MATERIAL SPECIFICATION

MAIN ASSEMBLY		SUB ASSEMBLY		
GROUP	POS	MATERIAL CODE	PART DESCRIPTION	MATERIAL
1a 3000026256 (6") VALVE CASING COMPLETE (BSP)	1	3000026730	NRV 6" BSP	STAINLESS STEEL
	2	3000026262	NRV FLAP	STAINLESS STEEL
	3	1000014419	VALVE SEAT	STAINLESS STEEL+NBR
	3a	3000038570	TOP SUPPORT PLATE	STAINLESS STEEL
1a 3000026257 (6") VALVE CASING COMPLETE (NPT)	1	3000026733	NRV 6" NPT	STAINLESS STEEL
	2	3000026262	NRV FLAP	STAINLESS STEEL
	3	1000014419	VALVE SEAT	STAINLESS STEEL+NBR
	3a	3000038570	TOP SUPPORT PLATE	STAINLESS STEEL
1a 3000026735 VALVE CASING COMPLETE (FLANGE TYPE)	1	3000026730	NRV 6" BSP	STAINLESS STEEL
	2	3000026262	NRV FLAP	STAINLESS STEEL
	3	1000014419	VALVE SEAT	STAINLESS STEEL+NBR
	3a	3000038570	TOP SUPPORT PLATE	STAINLESS STEEL
	-	3000000786	NRV TOP PLATE	STAINLESS STEEL
4S 3000000032 TOP CHAMBER	6b	3000003047	TOP CAP	STAINLESS STEEL
	9a	3000000303	BOWL	STAINLESS STEEL
	8b	1000000798	STOP DISC	BRASS
	6	1000001036	TOP BEARING	NBR
13aS 3000000097 IMPELLER COMPLETE	11	3000000107	SPLIT CONE NUT	STAINLESS STEEL
	11a	3000023239	SPLIT WASHER	STAINLESS STEEL
	13	3000000098	IMPELLER	STAINLESS STEEL
	12	3000000115	SPLIT CONE	STAINLESS STEEL
	72	3000000655	WEARING RING	STAINLESS STEEL
9S 3000000018 INTER CHAMBER	7	1000000373	NECKRING	NBR/PPS
	9a	3000000303	BOWL	STAINLESS STEEL
	8	1000000043	BEARING	NBR
	16S	*	PUMP SHAFT WITH COUPLING	STAINLESS STEEL
(6X12)	15	3000000823	STRAINER	STAINLESS STEEL
(8X12) (10X12)		3000039076		
(6X12)	28	3000004002	STRAINER LOCK	STAINLESS STEEL
(8X12) (10X12)		3000039077		
(6X12)		1000000399		
(8X12) (10X12)	24a	1000000411	O-RING	NBR
14aS 3000003648 SUCTION INTERCONNECTOR ASSEMBLY (6X12)	14	3000001830	SUCTION INTERCONNECTOR	STAINLESS STEEL
	14a	3000000829	SUCTION CASE TOP PLATE	STAINLESS STEEL
	7	1000000373	NECKRING	NBR+PPS
14aS 3000003649 SUCTION INTERCONNECTOR ASSEMBLY (8X12)	14	3000026460	SUCTION INTERCONNECOTR	STAINLESS STEEL
	7	1000000373	NECKRING	NBR+PPS
14aS 3000003650 SUCTION INTERCONNECTOR ASSEMBLY (10X12)	14	3000026460	SUCTION INTERCONNECOTR	STAINLESS STEEL
	7	1000000373	NECKRING	NBR+PPS
	71a	1000000779	SPRING WASHER	STAINLESS STEEL
	19a	1000000389	NUT	STAINLESS STEEL
	17S	*	CLAMPING STRIP	STAINLESS STEEL
	18S	*	CABLE GUARD	STAINLESS STEEL

EXPLODED VIEW QF 360



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)
	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