

1. Supply List (DRILL SHIP)

Rating (Pound)	Size (Inch)	Q'ty (EA)	Material		Project Name Owner	Year	Shipyard
			Body	Trim			
GATE VALVES #150,#300,#600	½,¾",1",1¼" 1½",2",2½" 3",4",5",6",8" 10",12"	1,160	B62 A105 A216WCB	BRASS SS316	RBS-6 SEMI-SUBMER SIBLE DEEP WATER DRILL RIG #1,#2 (R & B FALCON DRILLING COMPANY)	1999	HYUNDAI HEAVY INDUSTRY (HHI)
GLOBE VALVES #150,#300	½,¾",1",1¼" 1½",2",2½" 3",4",5",6",8" 10",12"	275	B62 A105 A216WCB	BRASS SS316			
SWING CHECK #150	½,¾",1",1¼" 1½",2",3" 4",5",6",8" 10",12"	80	B62 A105 A216WCB	BRASS SS316			
BALL VALVE #150	½",1",1½",2" 3",4",5",6",8"	297	B62 A105 A216WCB	BRASS SS316			
3-WAY(L) BALL	10"	1	SS316	SS316			
DUAL PLATE CHECK VALVE(LUG) #150	2",3",4",6",8" 10"	30	B62	ALBR			
ANGLE VALVE #150	1",4",5",6"	21	B62 A216WCB	SS316			
STRAINER #150	1½",2",3",4" 5",6",16"	52	B62 316SS	SS316			
Y-STRAINER #150	1½"	4	A216WCB	SS316			
DUPLEX STRAINER #150	12"	4	B62	SS316			
STORM VALVE #150	6",8"	2	B62	BRASS			
DUMP VALVES #150	12"	16	SS316	SS316			
SLIDE VALVE #150	500*1200	12	SS316	SS316			
GATE VALVES #150	2",2½",3",4" 5",6",8",12" 16"	176	A395 A216WCB	SS316			
GLOBE VALVE #150,#300	1",2",2½",3",4" 5",6",8",12"	106	B62 A395 A216WCB A105	BRASS SS316			
SWING CHECK #150	2",2½",3",4" 5",6",8",10" 12",14",16"	96	A395 A216WCB SS316	SS316			

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			Body	Trim	Owner		
BALL VALVE	15A~50A	195	BC	SS316	GUSTO P-10000MODEL/TOI DRILL SHIP(2148)	2009	HYUNDAI HEAVY INDUSTRY (HHI)
	40A~150A	250	FCD,SC,SS	SS316			
GATE VALVE	50A~250A	112	FCD,SC	SS316			
SDNR GLOBE ANGLE	40A~300A	180	BC	BC			
			FCD,SC	SS316			
DUO CHECK VALVE	40A~300A	180	BC	BC			
			FCD,SC	SS316			
DUPLEX STRAINER	50,125,150A	10	SC	SS316			
SIMPLEX STRAINER	40,125A	4	SC	SS316			
BALL VALVE	15A~50A	366	BC	SS316	GUSTO P-10000MODEL/DSM DRILL SHIP(2228)	2009	HYUNDAI HEAVY INDUSTRY (HHI)
	40A~150A	483	FCD,SC,SS	SS316			
GATE VALVE	50A~250A	162	BC	BC			
			FCD,SC	SS316			
SDNR GLOBE ANGLE	40A~300A	255	BC	BC			
			FCD,SC	SS316			
DUO CHECK VALVE	40A~300A	255	BC	BC			
			FCD,SC	SS316			
DUPLEX STRAINER	50,125,150A	7	SC	SS316			
SIMPLEX STRAINER	40,125A	4	SC	SS316			
BALL VALVE	15A~50A	366	BC	SS316	GUSTO P-10000MODEL/DSM DRILL SHIP(2229)	2010	HYUNDAI HEAVY INDUSTRY (HHI)
	40A~150A	483	FCD,SC,SS	SS316			
GATE VALVE	50A~250A	162	BC	BC			
			FCD,SC	SS316			
SDNR GLOBE ANGLE	40A~300A	255	BC	BC			
			FCD,SC	SS316			
DUO CHECK VALVE	40A~300A	255	BC	BC			
			FCD,SC	SS316			
DUPLEX STRAINER	50,125,150A	7	SC	SS316			
SIMPLEX STRAINER	40,125A	4	SC	SS316			
3-WAY BALL VALVES 5K,10K,300LB,50BAR	1" ~ 6"	18	SC,316SS	316SS	GUSTO P-10000 MODEL / BOLETTE DOLPHIN DRILL SHIP SHIP # 2546	2011~2012	HYUNDAI HEAVY INDUSTRY (HHI)
2-WAY BALL VALVES 5K,10K,150LBS,300LB	1/2" ~ 8"	717	BC/FCD SC/SUS	316SS			
KNIFE GATE 150LBS	4" ~ 18"	19	SC	316SS Rub. Seat			
DUPLEX OIL STRAINER 5K, 10K	2" ~ 6"	23	SC	BC			
SIMPLEX OIL / WATER STRAINER 5K, 11K	1½" ~ 8"	7	SC,BC SS400	316SS			
GENERAL GATE, GLOBE, SWING CHECK VALVES 5K, 10K, 16K, 20K, 150LBS, 300LBS, 600LBS	½" ~ 16"	415	BC/FCD SC/SUS	316SS BC			
SOLENOID, SURFACE, STORM VALVES 5K,10K	½" ~ 6"	35	BC,SC	317SS BC			
FLAP CHECK VALVES 5K,10K,16K,150Lbs,300Lbs	2" ~ 20"	62	BC/FCD SC	316SS BC			

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			Body	Trim	Owner		
3-WAY BALL VALVES 5K,10K,300LB,50BAR	1" ~ 6"	72	SC,316SS	316SS	GUSTO P-10000 MODEL / NOBLE DRILL SHIP SHIP # 2505/2506/2507/2508	2011~2013	HYUNDAI HEAVY INDUSTRY (HHI)
2-WAY BALL VALVES 5K,10K,150LBS,300LB	1/2" ~ 8"	6,592	BC/FCD SC/SUS	316SS			
KNIFE GATE 150LBS	4" ~ 18"	76	SC	316SS Rub. Seat			
DUPLEX OIL STRAINER 5K, 10K	2" ~ 6"	92	SC	BC			
SIMPLEX OIL / WATER STRAINER 5K, 11K	1½" ~ 8"	28	SC,BC SS400	316SS			
GENERAL GATE, GLOBE, SWING CHECK VALVES 5K, 10K, 16K, 20K, 150LBS, 300LBS, 600LBS	½" ~ 16"	1,728	BC/FCD SC/SUS	316SS BC			
SOLENOID, SURFACE, STORM VALVES 5K,10K	½" ~ 6"	132	BC,SC	317SS BC			
FLAP CHECK VALVES 5K,10K,16K,150Lbs,300Lbs	2" ~ 20"	248	BC/FCD SC	316SS BC			
3-WAY BALL VALVES 5K,10K,300LB,50BAR	1" ~ 6"	72	SC,316SS	316SS			
2-WAY BALL VALVES 5K,10K,150LBS,300LB	1/2" ~ 8"	5,316	BC/FCD SC/SUS	316SS	GUSTO P-10000 MODEL / DIAMOND DRILL SHIP SHIP # 2503/2504/2512/2622	2012~2014	HYUNDAI HEAVY INDUSTRY (HHI)
KNIFE GATE 150LBS	4" ~ 18"	76	SC	316SS Rub. Seat			
DUPLEX OIL STRAINER 5K, 10K	2" ~ 6"	92	SC	BC			
SIMPLEX OIL / WATER STRAINER 5K, 11K	1½" ~ 8"	28	SC,BC SS400	316SS			
GENERAL GATE, GLOBE, SWING CHECK VALVES 5K, 10K, 16K, 20K, 150LBS, 300LBS, 600LBS	½" ~ 16"	1,800	BC/FCD SC/SUS	316SS BC			
SOLENOID, SURFACE, STORM VALVES 5K,10K	½" ~ 6"	132	BC,SC	317SS BC			
FLAP CHECK VALVES 5K,10K,16K,150Lbs,300Lbs	2" ~ 20"	240	BC/FCD SC	316SS BC			
3-WAY BALL VALVES 5K,10K,300LB,50BAR	1" ~ 6"	72	SC,316SS	316SS			
2-WAY BALL VALVES 5K,10K,150LBS,300LB	1/2" ~ 8"	2,892	BC/FCD SC/SUS	316SS			
KNIFE GATE 150LBS	4" ~ 18"	76	SC	316SS Rub. Seat	GUSTO P-10000 MODEL / ROWAN DRILL SHIP SHIP # 2559/2560/2563/2564	2012~2014	HYUNDAI HEAVY INDUSTRY (HHI)
DUPLEX OIL STRAINER 5K, 10K	2" ~ 6"	92	SC	BC			
SIMPLEX OIL / WATER STRAINER 5K, 11K	1½" ~ 8"	28	SC,BC SS400	316SS			
GENERAL GATE, GLOBE, SWING CHECK VALVES 5K, 10K, 16K, 20K, 150LBS, 300LBS, 600LBS	½" ~ 16"	1,640	BC/FCD SC/SUS	316SS BC			
SOLENOID, SURFACE, STORM VALVES 5K,10K	½" ~ 6"	140	BC,SC	317SS BC			
FLAP CHECK VALVES 5K,10K,16K,150Lbs,300Lbs	2" ~ 20"	248	BC/FCD SC	316SS BC			

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			Body	Trim	Owner		
3-WAY BALL VALVES 5K,10K	80A,150A	3	BC,FC	BC,SS	SEA DRILL SHIP (3019) * 2	2007	DAEWOO HEAVY INDUSTRY (DSME)
SELF CLOSING 5K(#125)	25A,50A	2	BC	BC,SS			
FLAP CHECK VALVE 5K,10K,16K	50,65,80,100 125,150,200,250 300	231	FC,SC,SS	BC,SS			
STRAINER 5K	40,50,65,80,100 150,250,300	103	SC FC BC	SS316			
GATE VALVES #1500,5K,10K	2" 50A,80A,125A	12	A216WCB FC,BC	SS,BC			
KNIFE GATE VALVES 10K	200A,300A	46	SC	SS			
LIFT CHECK 30K	40A	5	SC	SS			
MUD BOX 10K	50A,65A	88	SS	SS			
SDNR GLOBE VALVES 5K,16K	50,65,100,150	122	FC	BC			
ROSE BOX	50A,65A	22	SS	SS			
SOUNDING CAP	50A	30	SS	SS			
SWING CHECK VALVES 5K	15A,25A,100A	14	BC	BC			
TEMPORARY STRAINER	150,200,250	28	SS	SS			
3-WAY BALL VALVES 5K,10K	100A,200A	7	CS BC6	SS			
BALL VALVE #150,5K,10K	6" 40,50,65,125	22	CS	SS			
FLAP CHECK VALVE 5K, 10K, 16K, #150	20,25,40,65,80 100,250 ¾",1",1¼",2",2½" 3",6"	288	CS,SS FC,FCD	SS ALBC			
GATE VALVES #150, 5K, 10K	1",1½",2" 50,65,80,100,125	249	CS,SS FC,FCD	SS BC			
KNIFE GATE VALVES #150, 5K	4",6",8",14",16"	11	CS	SS			
MUD BOX 5K	50A,65A	98	FC	SS			
ROSE BOX	50A	17	CS	SS			
SDNR GLOBE VALVES 5K,16K	40,50,65	149	FC	BC			
SELF CLOSING 5K	25,50	27	CS,BC	BC			
SOUNDING CAP 5K	50A	51	CS	BC			

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(DSME)

Rating (Pound)	Size (Inch)	Q'ty (EA)	Material		Project Name	Year	Shipyard
			Body	Trim	Owner		
STORM VALVES 5K,10K	125,150	8	CS,SS	BC			
SIMPLEX STRAINER 5K, #150	40,65,80,100,125 250,350A	78	CS,BC	SS			
DUPLEX STRAINER 5K	40A,65A	6	CS	SS			
TEMPORARY STRAINER 5K, #150	3",4",6" 80A	32	SS304	SS			
Y-STRAINER 5K, 30K	50A	10	CS	SS			
SWING CHECK VALVES #150	1"	2	SS304	SS			
TEMPORARY CHECK 5K	50A	1	BC	BC			
SDNR GLOBE VALVES 5K,10K,16K	15,25,40,50	57	SS,BC	BC	DISCOVER AMERICAS DRILL SHIP #1(3501)	2007	DAEWOO HEAVY INDUSTRY (DSME)
MUD BOX 5K	50	2	FC	SS			
SOUNDING CAP 5K	50	6	SS	BC			
SDNR ANGLE VALVES 5K	50	2	FC	BC			
SDNR STRAINER 5K	40	2	BC	BC			
SELF CLOSING 5K	25	3	BC	BC			
STORM VALVES 5K	150	1	SC	BC			
SIMPLEX STRAINER 5K	50	1	FCD	SS			
DUPLEX STRAINER #150	3"	2	SS	SS			
SWING CHECK VALVES 5K, #2500	2",25A	2	SS,BC	SS,BC			
Y-STRAINER #150, #2500	2",3"	2	SS	SS			
ROSE BOX 5K	50,100A	5	SS	SS	TRANS OCEAN DRILL SHIP (5903)	2007	DAEWOO HEAVY INDUSTRY (DSME)
RISING GATE VALVES 5K,16K,20K,30K	25,40,50,65,80,100 150,200,250,350 650A	73	SC,BC,FC	SSBC			
SDNR GLOBE VALVES 5K, 10K, 16K, #150	15,25,40,50,65,100 125,150,200,300A	945	SC,BC,FC	SS BC			
FLAP CHECK VALVE 5K, 10K, 16K	50,65,80,100,125 150,500	34	SC	ALBC			
SWING CHECK VALVES 5K, 10K	40,50,65,80A	61	CS,FC,BC	SS,BC			
TILTING CHECK VALVES 5K, 10K, 16K	200,250,350,550 650A	19	SC,SS	SS			
SDNR ANGLE VALVES 5K, 16K	150,200A	3	SC	SS			
STRAINER (R-Hyd) 5K, 16K	50,80,150,200A	16	SC,FC	SS			
SELF CLOSING 5K	25,40,65A	34	BC	BC			

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Rating (Pound)	Size (Inch)	Q'ty (EA)	Material		Project Name	Year	Shipyard			
			Body	Trim	Owner					
SOUND CAP 5K	50	71	BC	BC						
STORM VALVE 10K	65,100,150A	7	SC	BC						
DUPLEX STRAINER 5K, 10K	50,65A	4	SC	SS						
SIMPLEX STRAINER 5K, 10K	40,50,65,100,150 200,550,650,1000A	29	SC,FC	SS						
Y-STRAINER 16K	40A	2	SS	SS						
ROSE BOX 5K	50,100A	5	SS	SS	TRANS OCEAN DRILL SHIP (5904)	2007	DAEWOO HEAVY INDUSTRY (DSME)			
RISING GATE VALVES 5K, 10K, 16K	50,65,100,150,200 250,350,650,1000A	23	SC,FC	SS BC						
SDNR GLOBE VALVES 5K, 10K, 16K	50,65,80,100,125 200,300A	448	SC,BC,FC	SS BC						
FLAP CHECK VALVE 5K, 10K, 16K	50,150,200,500A	7	FC,SC,BC	ALBC						
SWING CHECK VALVES 5K, 10K	40,50,65,80A	19	CS,FC,BC	SS,BC						
TILTING CHECK VALVES 5K, 10K, 16K	200,250A	9	SC	SS						
SDNR ANGLE VALVES 5K, 16K	150,200A	3	SC	SS						
STRAINER (R-Hyd) 5K, 16K	50,80,150,200A	25	SC,FC	BC						
SELF CLOSING 5K	25,40,50,65A	38	BC	BC						
STORM VALVE 5K, 10K	65,100,150A	8	SC	BC						
DUPLEX STRAINER 5K, 10K	50,65A	4	SC	SS						
SIMPLEX STRAINER 5K, 10K	40,50,65,100,150 200,550,1000A	24	SC,FC	SS						
Y-STRAINER 16K	40A	2	BC	SS						
3-WAY BALL VALVES 5K	150A	1	BC	SS				PETRO SERV GVA7500 SEMI DRILL RIG.(3024)	2008	DAEWOO HEAVY INDUSTRY (DSME)
BALL VALVE #150, 5K, 16K	6" 40,65,80,125	15	CS,SS,BC	SS						
FLAP CHECK VALVE 5K, 10K, 16K, #150, #300	50,65,80,100,150 200,250,300 2",3",4",6",8"	202	CS,BC, FC,FCD	SS ALBC						
GATE VALVES #150, #300, 5K, 10K	40,50,65,80,100 250A 2",5",8",12"	279	CS,BC, FC,FCD	SS BC						
SDNR GLOBE VALVES 5K	50,65A	148	FC	BC						
SELF CLOSING 5K	25,50A	68	CS,BC	BC						
KNIFE GATE VALVES #150	8",10",12",16"	48	CS	BC						
LIFT CHECK 5K, 10K, #150, #300	15,25,20,32,40A 1/2",3/4",1"	134	CS,SS,BC	BC SS						

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			Body	Trim	Owner		
SOUNDING CAP 5K	50A	58	CS	BC			
ROSE BOX 5K	50,100A	6	SS	SS			
RISING GATE VALVES 5K, 10K, 16K, 20K	25,40,50,65,80,100 150,200,250,350 550,650,1000A	101	SC,FC,BC	BC,SS			
SDNR GLOBE VALVES 5K, 10K, 16K, #150	50,65,150,300A	11	SC,FC	BC,SS			
FLAP CHECK VALVE 5K, 16K	50,65,80,125 150,200,350,500A	44	SC	SS,ALBC			
SWING CHECK VALVES 5K, 10K	25,40,50,65,80 125A	65	CS,FC,BC	BC,SS			
TILTING CHECK VALVES 5K, 10K, 16K	200,250,300,350 550,650A	27	SC	SS			
SDNR ANGLE VALVES 5K, 16K	150,200A	3	SC	SS			
STRAINER (R-Hyd) 5K, 16K	50,80,150,200A	16	SC,FC	BC,SS			
SELF CLOSING 5K	25,50A	33	BC	BC			
SOUND CAP 5K	50A	67	SC	BC			
STORM VALVE 5K, 10K	65,100,150A	8	SC	BC			
DUPLEX STRAINER 5K, 10K	50,65A	4	SC	SS			
SIMPLEX STRAINER 5K, 10K	40,65,150,550 650A	27	SC,FC	SS			
Y-STRAINER 16K	40A	2	BC	SS			
SDNR GLOBE VALVES 5K, 10K, 16K	15,25,40,50,65	67	CS,BC,SS	SS BC			
MUD BOX 5K	50	2	FC	SS			
SOUNDING CAP 5K	50	11	FC,SS	BC			
SELF CLOSING 5K	25	3	BC	BC			
STORM VALVES 5K	150	1	SC	BC			
SIMPLEX STRAINER 5K	50	1	FCD	SS			
TEMPORARY STRAINER #150	3"	2	SS	SS			
Y-STRAINER #150, #2500	2	2	SS	SS			
SWING CHECK VALVES 5K	25	1	BC	BC			
					TRANS OCEAN DRILL SHIP (5905)	2008	DAEWOO HEAVY INDUSTRY (DSME)
					DISCOVER AMERICAS DRILL SHIP #1(3502)	2008	DAEWOO HEAVY INDUSTRY (DSME)

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Rating (Pound)	Size (Inch)	Q'ty (EA)	Material		Project Name Owner	Year	Shipyard
			Body	Trim			
SDNR GLOBE VALVES 5K, 10K, 16K, #150	15,25,40'50'65 1",4",3"	67	CS,SS,BC	BC SS	TRANS OCEAN DISCOVER INSPECTION DRILL SHIP(3503)	2008	DAEWOO HEAVY INDUSTRY (DSME)
MUD BOX 5K	50	2	FC	SS			
SOUNDING CAP 5K	50	11	SS,FC	BC			
SELF CLOSING 5K	25	3	BC	BC			
STORM VALVES 5K	150	1	SC	BC			
SIMPLEX STRAINER 5K	50	1	FCD	SS			
TEMPORARY STRAINER #150	3"	2	SS	SS			
Y-STRAINER #150, #2500	2",3"	2	SS	SS			
SDNR GLOBE VALVES 5K, 10K, 16K, #150	15,25,40'50'65 150A,1",4",3"	71	CS,SS,BC	BC SS	TRANS OCEAN DISCOVER INSPECTION DRILL SHIP(3504)	2008	DAEWOO HEAVY INDUSTRY (DSME)
MUD BOX 5K	50	2	FC	SS			
SOUNDING CAP 5K	50	4	FC	BC			
SELF CLOSING 5K	25	3	BC	BC			
STORM VALVES 5K	150	1	SC	BC			
SIMPLEX STRAINER 5K, #150	50A,10"	4	CS,FCD	SS			
TEMPORARY STRAINER #150	3"	2	SS	SS			
Y-STRAINER #150, #2500	2",3",4"	4	SS	SS			
3-WAY BALL VALVES 5K	100A	2	CS	SS	GROPO R GVA7500 SEMI DRILL RIG.(3026)	2009	DAEWOO HEAVY INDUSTRY (DSME)
BALL VALVE 5K, 10K, 16K	40,65,80,125	14	CS	SS			
FLAP CHECK VALVE 5K, 10K, 16K, #150, #300	50,65,100,125, 150,200,250 ¾",2",2½",3",4",6" 8",10"	243	FC,FCD CS,SS,BC	SS ALBC			
GATE VALVES #150, 5K	40,50,80,100 125A 2",6",8"	286	CS,BS FC,FCD	SS BC			
KNIFE GATE VALVES #150	6",8",12",16"	43	CS	SS			
LIFT CHECK 5K, 10K, #150, #300	20,25,40A ½",¾",1",1½"	86	CS,BC,SS	BC,SS			
SDNR GLOBE VALVES 5K	50,65,100A	76	FC	BC			
SELF CLOSING 5K	25,50A	40	CS,BC	BC			
STORM VALVES 5K	80,125A	2	CS	BC			

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			Body	Trim	Owner		
SDNR GLOBE VALVES 5K, 10K, 16K, #150	15,25,40'50'65 150A,1",4",3"	67	CS,SS,BC	BC SS	TRANS OCEAN DISCOVER INSPECTION DRILL SHIP(3505)	2009	DAEWOO HEAVY INDUSTRY (DSME)
MUD BOX 5K	50	2	FC	SS			
SOUNDING CAP 5K	50	4	SC	BC			
SELF CLOSING 5K	25	3	BC	BC			
STORM VALVES 5K	150	1	SC	BC			
SIMPLEX STRAINER 5K, #150	50A,10"	5	CS,FCD	SS			
TEMORARY STRAINER #150	3"	2	SS	SS			
Y-STRAINER #150, #2500	2",3",4"	6	SS	SS			
DUAL CHECK VALVE 5K, 10K, 16K, #150, #300	50,80,100,125,200 250,300,450A 2",3",6",8"	183	FC,FCD CS	SS ALBC	TMT DRILL SHIP (3601/3602)	2009	DAEWOO HEAVY INDUSTRY (DSME)
GATE VALVES #150, 5K, 10K	25,50,65,80,100	99	CS,FC	SS BC			
KNIFE GATE		2		SS			
LIFT CHECK 5K, 10K, #150, #300	15,20,25,40 ½",¾",1",1¼"	141	CS,SS,BC	SS BC			
3-WAY BALL VALVES 5K	150,200,250A	8	CS	SS			
SDNR GLOBE VALVES 10K	50,80,200,250A	8	CS	SS			
SELF CLOSING 5K	25,40,50A	88	BC	BC			
STORM VALVES 5K	100	3	CS	BC			
SIMPLEX STRAINER 5K, 10K, #150	50,65,80,100,150, 200,350,400,550 650A 6"	48	CS	SS			
DUPLEX STRAINER 5K, 10K	50,65,100,150A	16	CS	SS			
TEMORARY STRAINER #150	4",6",10",12"	18	SS	SS			
Y-STRAINER 5K	100,150A	2	CS	SS			

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			Body	Trim	Owner		
DUAL CHECK VALVE 5K, 10K, 16K, #150, #300	50,65,100,125,150 200,250,300A 2",3",6",8"	191	CS,SS FC,FCD	SS ALBC	ODEBRECHT DRILL SHIP (3603/3604)	2009	DAEWOO HEAVY INDUSTRY (DSME)
GATE VALVES #150, 5K, 10K	2" 25,40,50,65,80,100	109	CS,BC,FC	SS BC			
KNIFE GATE #150	16"	4	CS	SS			
LIFT CHECK 5K, 10K, #150	15,20,25A ½",¾",1",1½"	121	CS,SS,BC	SS BC			
3-WAY BALL VALVES 5K	150,200,250A	7	CS	SS			
SDNR GLOBE VALVES 10K, 16K	50,80,200,250A	8	CS	SS			
SELF CLOSING 5K	25,40,50A	82	CS,BC	BC			
STORM VALVES 5K	100A	3	CS	BC			
3-WAY BALL VALVES 5K, 10K	100,150,200	9	CS,BC	SS	ODFJELL GVA 7500PP/MOORED RIG.(3025)	2009	DAEWOO HEAVY INDUSTRY (DSME)
BALL VALVE #150, 5K, 10K	6" 40,50,65,100,125	22	CS,SS,BC	SS			
FLAP CHECK VALVE 5K, 10K, 16K, 30K, #150	20,25,40,65 150,250 ¾",1",1½",2",2½" 3",6"	300	CS,SS,BC FCD	SS ALBC			
SWING CHECK VALVES 5K, #150	50A 1"	3	FC,SS	BC,CC			
GATE VALVES #150, 5K, 10K, 16K	1",1½",2" 50,80,100,125A	237	CS,SS,NBC FC	SS BC			
KNIFE GATE VALVES #150, 5K	4",6",8",14",16"	11	CS	SS			
MUD BOX 5K	50A,65A	98	FC	SS			
ROSE BOX	50A,65A	14	FC				
SDNR GLOBE VALVES 5K, 16K	40,50,65A	145	FC,BC	BC			
SELF CLOSING 5K	25,50A	27	CS,BC	BC			
SOUNDING CAP 5K	50A	49	CS	BC			
STORM VALVES 5K, 10K	80,125A	3	SS316	SS			
SIMPLEX STRAINER 5K, 10K, #150	8" 50,65,80,100,125 200,250,350A	81	CS,BC,SS	SS			
DUPLEX STRAINER 5K	40,65A	6	CS	SS			
Y-STRAINER 5K, 30K	50A	10	CS	SS			

1. Supply List (DRILL SHIP)

Rating (Pound)	Size (Inch)	Q'ty (EA)	Material		Project Name Owner	Year	Shipyard
			Body	Trim			
DUAL CHECK VALVE 5K, 10K, 16K, #150, #300	50,65,100,125,150 200,250,300,450A 2",3",4",6",8"	207	CS,SS FC,FCD	SS ALBC	DEEP WATER DRILL SHIP (3605)	2010	DAEWOO HEAVY INDUSTRY (DSME)
GATE VALVES #150, 5K, 10K	2" 25,40,50,65,80,100	110	CS,FC	SS BC			
KNIFE GATE #150	16"	4	CS	SS			
LIFT CHECK 5K, 10K, #150	15,20,25,40A ½",¾",1",1½"	119	CS,SS,BC	SS,BC			
SDNR GLOBE VALVES 10K, 16K	50,80,200,250A	8	CS	DD			
SELF CLOSING 5K	25,40,50A	83	CS,BC	BC			
STORM VALVES 5K	50,100A	3	CS	BC			
DUAL CHECK VALVE 5K, 10K, 16K, #150, #300	50,65,80,100,125 150,200,250,300 450A, 2",3",4",8"	174	CS,SS,BC FC,FCD	SS ALBC	ODEBRECHT DRILL SHIP NORBEX(3609)	2010	DAEWOO HEAVY INDUSTRY (DSME)
GATE VALVES #150, 5K, 10K	25,40,50,65,100 250A, 2",10"	98	CS,FC,BC	SS BC			
KNIFE GATE #150	16"	2	CS	SS			
LIFT CHECK 5K, 10K, #150, #300	15,20,40A ½",¾",1",1½"	105	CS,SS,BC	SS BC			
STORM VALVES 5K	100A	3	CS	BC			
3-WAY BALL VALVES 5K	100A	2	CS	SS	GROPO R GVA7500 SEMI DRILL RIG.(3027)	2010	DAEWOO HEAVY INDUSTRY (DSME)
BALL VALVE 5K, 10K, 16K	40,65,80,125	14	CS	SS			
FLAP CHECK VALVE 5K, 10K, 16K, #150, #300	50,65,100,125, 150,200,250 ¾",2",2½",3",4",6" 8",10"	238	FC,FCD CS,SS,BC	SS ALBC			
GATE VALVES #150, 5K, 10K	50,80,100,125A 2",3",5",6",8",12"	286	CS,FC,FCD	SS BC			
SDNR GLOBE VALVES 5K	50,65,100A	77	FC	BC			
SELF CLOSING 5K	25,50A	40	CS,BC	BC			
STORM VALVES 5K	80,125A	2	100A	BC			
FLAP CHECK VALVE 5K, #150	15,25,40,100,125, 250,300 ½",¾",1",1¼",1½"	210	FC,FCD CS,SS,BC	SS ALBC			
GATE VALVES #150, #300, 5K	50,65,80,100,125 1½",4",4",6"	151	CS,FC,FCD	SS BC			
STORM VALVES 5K	150	1	CS	BC			

1. Supply List (DRILL SHIP)

Rating (Pound)	Size (Inch)	Q'ty (EA)	Material		Project Name Owner	Year	Shipyard
			Body	Trim			
KNIFE GATE 150LBS	4" ~ 18"	50	SC	316SS Rub. Seat	PETROSERV DRILLING RIG #2 SSV CATARINA GVA7500 DRILLING SHIP # 3028	2011	DAEWOO HEAVY INDUSTRY (DSME)
GENERAL GATE, GLOBE, SWING CHECK VALVES 5K, 10K, 16K, 20K, 150LBS, 300LBS, 600LBS	½" ~ 16"	330	BC/FCD SC/SUS	316SS BC			
FLAP CHECK VALVES 5K, 10K, 16K, 150Lbs, 300Lbs	2" ~ 20"	262	BC/FCD SC	316SS BC			
KNIFE GATE 150LBS	4" ~ 18"	6	SC	316SS Rub. Seat	SONGA OFFSHORE CAT. D DRILL SEMI RIG #1 SHIP # 3031	2013	DAEWOO HEAVY INDUSTRY (DSME)
GENERAL GATE, GLOBE, SWING CHECK VALVES 5K, 10K, 16K, 20K, 150LBS, 300LBS, 600LBS	½" ~ 16"	503	BC/FCD SC/SUS	316SS BC			
FLAP CHECK VALVES 5K, 10K, 16K, 150Lbs, 300Lbs	2" ~ 20"	315	BC/FCD SC	316SS BC			
KNIFE GATE 150LBS	4" ~ 18"	6	SC	316SS Rub. Seat	SONGA OFFSHORE CAT. D DRILL SEMI RIG #2 SHIP # 3032	2013	DAEWOO HEAVY INDUSTRY (DSME)
GENERAL GATE, GLOBE, SWING CHECK VALVES 5K, 10K, 16K, 20K, 150LBS, 300LBS, 600LBS	½" ~ 16"	466	BC/FCD SC/SUS	316SS BC			
FLAP CHECK VALVES 5K, 10K, 16K, 150Lbs, 300Lbs	2" ~ 20"	306	BC/FCD SC	316SS BC			
KNIFE GATE 150LBS	4" ~ 18"	76	SC	316SS Rub. Seat	ODFJELL 3 GVA 7500 SEMI DRILL'G RIG SHIP # 3033	2013	DAEWOO HEAVY INDUSTRY (DSME)
GENERAL GATE, GLOBE, SWING CHECK VALVES 5K, 10K, 16K, 20K, 150LBS, 300LBS, 600LBS	½" ~ 16"	358	BC/FCD SC/SUS	316SS BC			
SOLENOID, SURFACE, STORM VALVES 5K, 10K	½" ~ 6"	3	BC,SC	317SS BC			
FLAP CHECK VALVES 5K, 10K, 16K, 150Lbs, 300Lbs	2" ~ 20"	176	BC/FCD SC	316SS BC			
DUPLEX OIL STRAINER 5K, 10K	2" ~ 6"	6	SC	BC	RWI SEABREEZE #1 , #2 SHIP # 3303/3304	2010~2011	DAEWOO HEAVY INDUSTRY (DSME)
SIMPLEX OIL / WATER STRAINER 5K, 10K	1½" ~ 8"	24	SC,BC SS400	316SS			
GENERAL GATE, GLOBE, SWING CHECK VALVES 5K, 10K, 16K, 20K, 150LBS, 300LBS, 600LBS	½" ~ 16"	338	BC/FCD SC/SUS	316SS BC			
SOLENOID, SURFACE, STORM VALVES 5K, 10K	½" ~ 6"	4	BC,SC	317SS BC			
FLAP CHECK VALVES 5K, 10K, 16K, 150Lbs, 300Lbs	2" ~ 20"	166	BC/FCD SC	316SS BC	TOP 550MT PLSV SHIP # 3403/3404	2013	DAEWOO HEAVY INDUSTRY (DSME)
GENERAL GATE, GLOBE, SWING CHECK VALVES 5K, 10K, 16K, 20K, 150LBS, 300LBS, 600LBS	½" ~ 16"	468	BC/FCD SC/SUS	316SS BC			
SOLENOID, SURFACE, STORM VALVES 5K, 10K	½" ~ 6"	34	BC,SC	317SS BC			
FLAP CHECK VALVES 5K, 10K, 16K, 150Lbs, 300Lbs	2" ~ 20"	230	BC/FCD SC	316SS BC			

1. Supply List (DRILL SHIP)

Rating (Pound)	Size (Inch)	Q'ty (EA)	Material		Project Name	Year	Shipyard
			Body	Trim	Owner		
3-WAY BALL VALVES 5K, 10K, 300LB, 50BAR	1" ~ 6"	16	SC,316SS	316SS	TMT DEEPWATER DRILLSHIP #1,#2 SHIP # 3601 / 3602	2009~2010	DAEWOO HEAVY INDUSTRY (DSME)
KNIFE GATE 150LBS	4" ~ 18"	10	SC	316SS Rub, Seat			
DUPLEX OIL STRAINER 5K, 10K	2" ~ 6"	32	SC	BC			
SIMPLEX OIL / WATER STRAINER 5K, 10K	1½" ~ 8"	132	SC,BC SS400	316SS			
GENERAL GATE, GLOBE, SWING CHECK VALVES 5K, 10K, 16K, 20K, 150LBS, 300LBS, 600LBS	½" ~ 16"	658	BC/FCD SC/SUS	316SS BC			
SOLENOID, SURFACE, STORM VALVES 5K, 10K	½" ~ 6"	6	BC,SC	317SS BC			
FLAP CHECK VALVES 5K, 10K, 16K, 150Lbs, 300Lbs	2" ~ 20"	384	BC/FCD SC	316SS BC	ODEBRFCHT DRILLSHIP #1,#2 SHIP # 3603 / 3604	2010	DAEWOO HEAVY INDUSTRY (DSME)
3-WAY BALL VALVES 5K, 10K, 300LB, 50BAR	1" ~ 6"	14	SC,316SS	316SS			
KNIFE GATE 150LBS	4" ~ 18"	4	SC	316SS Rub, Seat			
GENERAL GATE, GLOBE, SWING CHECK VALVES 5K, 10K, 16K, 20K, 150LBS, 300LBS, 600LBS	½" ~ 16"	482	BC/FCD SC/SUS	316SS BC			
SOLENOID, SURFACE, STORM VALVES 5K, 10K	½" ~ 6"	6	BC,SC	317SS BC			
FLAP CHECK VALVES 5K, 10K, 16K, 150Lbs, 300Lbs	2" ~ 20"	380	BC/FCD SC	316SS BC			
KNIFE GATE 150LBS	4" ~ 18"	4	SC	316SS Rub, Seat	PETROSERV DEEPWATER DRILLSHIP SHIP # 3605	2010	DAEWOO HEAVY INDUSTRY (DSME)
GENERAL GATE, GLOBE, SWING CHECK VALVES 5K, 10K, 16K, 20K, 150LBS, 300LBS, 600LBS	½" ~ 16"	240	BC/FCD SC/SUS	316SS BC			
SOLENOID, SURFACE, STORM VALVES 5K, 10K	½" ~ 6"	14	BC,SC	317SS BC			
FLAP CHECK VALVES 5K, 10K, 16K, 150Lbs, 300Lbs	2" ~ 20"	213	BC/FCD SC	316SS BC			
KNIFE GATE 150LBS	4" ~ 18"	6	SC	316SS Rub, Seat	ODEBRFCHT DRILLSHIP ODN #1,#2 SHIP # 3609 / 3610	2010-2011	DAEWOO HEAVY INDUSTRY (DSME)
GENERAL GATE, GLOBE, SWING CHECK VALVES 5K, 10K, 16K, 20K, 150LBS, 300LBS, 600LBS	½" ~ 16"	540	BC/FCD SC/SUS	316SS BC			
SOLENOID, SURFACE, STORM VALVES 5K, 10K	½" ~ 6"	6	BC,SC	317SS BC			
FLAP CHECK VALVES 5K, 10K, 16K, 150Lbs, 300Lbs	2" ~ 20"	384	BC/FCD SC	316SS BC			
KNIFE GATE 150LBS	4" ~ 18"	34	SC	316SS Rub, Seat	TRANS OCEAN DEEPWATER DRILLSHIP SHIP # 3612 / 3613	2012	DAEWOO HEAVY INDUSTRY (DSME)
DUPLEX OIL STRAINER 5K, 10K	2" ~ 6"	16	SC	BC			
SIMPLEX OIL / WATER STRAINER 5K, 10K	1½" ~ 8"	90	SC,BC SS400	316SS			
GENERAL GATE, GLOBE, SWING CHECK VALVES 5K, 10K, 16K, 20K, 150LBS, 300LBS, 600LBS	½" ~ 16"	1,656	BC/FCD SC/SUS	316SS BC			

1. Supply List (DRILL SHIP)

Rating (Pound)	Size (Inch)	Q'ty (EA)	Material		Project Name	Year	HEAVY INDUSTRY (DSME) Shipyard
			Body	Trim	Owner		
SOLENOID, SURFACE, STORM VALVES 5K, 10K	½" ~ 6"	6	BC,SC	317SS BC			
FLAP CHECK VALVES 5K, 10K, 16K, 150Lbs, 300Lbs	2" ~ 20"	32	BC/FCD SC	316SS BC			
KNIFE GATE 150LBS	4" ~ 18"	34	SC	316SS Rub. Seat	ATWOOD DEEPWATER DRILLSHIP SHIP # 3614 / 3617	2012~2013	DAEWOO HEAVY INDUSTRY (DSME)
DUPLEX OIL STRAINER 5K, 10K	2" ~ 6"	18	SC	BC			
SIMPLEX OIL / WATER STRAINER 5K, 10K	1½" ~ 8"	72	SC,BC SS400	316SS			
GENERAL GATE, GLOBE, SWING CHECK VALVES 5K, 10K, 16K, 20K, 150LBS, 300LBS, 600LBS	½" ~ 16"	1,702	BC/FCD SC/SUS	316SS BC			
SOLENOID, SURFACE, STORM VALVES 5K, 10K	½" ~ 6"	6	BC,SC	317SS BC			
FLAP CHECK VALVES 5K, 10K, 16K, 150Lbs, 300Lbs	2" ~ 20"	498	BC/FCD SC	316SS BC			
KNIFE GATE 150LBS	4" ~ 18"	12	SC	316SS Rub. Seat	TUNGSTEN EXPLORER DEEPWATER DRILLSHIP SHIP # 3615	2012	DAEWOO HEAVY INDUSTRY (DSME)
DUPLEX OIL STRAINER 5K, 10K	2" ~ 6"	18	SC	BC			
SIMPLEX OIL / WATER STRAINER 5K, 10K	1½" ~ 8"	116	SC,BC SS400	316SS			
GENERAL GATE, GLOBE, SWING CHECK VALVES 5K, 10K, 16K, 20K, 150LBS, 300LBS, 600LBS	½" ~ 16"	1,904	BC/FCD SC/SUS	316SS BC			
SOLENOID, SURFACE, STORM VALVES 5K, 10K	½" ~ 6"	6	BC,SC	317SS BC			
FLAP CHECK VALVES 5K, 10K, 16K, 150Lbs, 300Lbs	2" ~ 20"	472	BC/FCD SC	316SS BC			
KNIFE GATE 150LBS	4" ~ 18"	34	SC	316SS Rub. Seat	ATWOOD DEEPWATER DRILLSHIP SHIP # 3619 / 3622	2013~2014	DAEWOO HEAVY INDUSTRY (DSME)
DUPLEX OIL STRAINER 5K, 10K	2" ~ 6"	18	SC	BC			
SIMPLEX OIL / WATER STRAINER 5K, 10K	1½" ~ 8"	72	SC,BC SS400	316SS			
GENERAL GATE, GLOBE, SWING CHECK VALVES 5K, 10K, 16K, 20K, 150LBS, 300LBS, 600LBS	½" ~ 16"	1,702	BC/FCD SC/SUS	316SS BC			
SOLENOID, SURFACE, STORM VALVES 5K, 10K	½" ~ 6"	6	BC,SC	317SS BC			
FLAP CHECK VALVES 5K, 10K, 16K, 150Lbs, 300Lbs	2" ~ 20"	498	BC/FCD SC	316SS BC			

1. Supply List (DRILL SHIP)

Rating (Pound)	Size (Inch)	Q'ty (EA)	Material		Project Name	Year	Shipyard
			Body	Trim	Owner		
KNIFE GATE 150LBS	4" ~ 18"	12	SC	316SS Rub, Seat	TUNGSTEN EXPLORER DEEPWATER DRILLSHIP SHIP # 3618	2014	DAEWOO HEAVY INDUSTRY (DSME)
DUPLEX OIL STRAINER 5K, 10K	2" ~ 6"	18	SC	BC			
SIMPLEX OIL / WATER STRAINER 5K, 10K	1½" ~ 8"	116	SC,BC SS400	316SS			
GATE, GLOBE, ANGLE, SWING CHECK VALVES 5K, 10K, 16K, 20K, 150LBS, 300LBS, 600LBS	½" ~ 16"	1,904	BC/FCD SC/SUS	316SS BC			
SOLENOID, SURFACE, STORM VALVES 5K, 10K	½" ~ 6"	6	BC,SC	317SS BC			
FLAP CHECK VALVES 5K, 10K, 16K, 150Lbs, 300Lbs	2" ~ 20"	472	BC/FCD SC	316SS BC			
DUAL CHECK VALVE 5K, 10K, 16K, #150, #300	4" ~ 18"	186	SC, BC FC, ALBC	316SS Rub, Seat	SONANGOL DRILL SHIP SHIP # 3620 / 3621	2014~2015	DAEWOO HEAVY INDUSTRY (DSME)
GATE, GLOBE, ANGLE, SWING CHECK VALVES 5K, 10K, 16K, 20K, 150LBS, 300LBS	½" ~ 16"	1,021	BC/FCD SC/SUS	316SS BC			
LIFT CHECK VALVES 5K, 10K, 150Lbs, 300Lbs	½" ~ 2"	77	316SS	316SS			
DUAL CHECK VALVE #150	2"	1	316SS	316SS	SEADRILL DRILLSHIP SHIP # 3623 / 3624	2015~2016	DAEWOO HEAVY INDUSTRY (DSME)
GATE, GLOBE, ANGLE, SWING CHECK VALVES 5K, 10K, 16K, 20K, 150LBS, 300LBS, 600LBS	½" ~ 12"	1,181	BC/FCD SC/SUS	SS BC			
FOOT, LIFT CHECK VALVES 5K, 10K, 150Lbs, 300Lbs	½" ~ 8"	108	BC,SC SS/FCD	SS BC			
STORM VALVES 5K, 10K	4" ~ 6"	7	SC	SS			

2. Supply List (Off Shore)

Rating (Pound)	Size (Inch)	Q'ty (EA)	Material		Project Name	Year	Shipyard			
			Body	Trim	Owner					
GATE VALVES #150, #300(16K)	4",6",8"	14	A216WCB	STELLITE	GIRASSOL FPSO (ANGOLA)	2000	HHI			
GLOBE VALVES #300(16K)	8"	1	A216WCB	STELLITE						
GATE VALVES #150, #300	2",14"	65	A216WCB	STELLITE	SUIZHONG 36-1 PIL FIELD PHASE : II (CNOOC)	2000	HHI			
GLOBE VALVES #150, #300	4"	4	A216WCB	STELLITE						
GLOBE VALVES #150	4",6",16"	4	NIALBR	S31803	ELF AMENAM FSO	2001	HHI			
GATE VALVES #150	2",3"	19	A216WCB	STELLITE	HUIZHOU 19-3/2/1 (CNOOC)	2001	HHI			
Y-STRAINER #150	2",3"	8	A216WCB	SS316						
T - STRAINER #150	10"	4	A105	SS316						
GATE VALVES #150	2" - 10"	24	B62 NIALBR	BRASS SS316	KIZOMBA-A FPSO (EXXON MOBIL)	2002	HYUNDAI HEAVY INDUSTRY (HHI)			
GATE VALVES 16K	8"	2	A216WCB	SS316						
GLOBE VALVE #150	½",1½",2"	37	SS316 B62 NIALBR	SS316						
GLOBE VALVE 10K, 16K	2½",6",14"	3	A216WCB	SS316						
ANGLE VALVEK #150	2½"	14	NIALBR	SS316						
STORM VALVE #150	3"	1	B62	B62						
GLOBE VALVE #150	3",5"	17	A216WCB	STELLITE						
MUD BOX	2½",4",6",8"	20	A216WCB	SS316						
GATE VALVES #150, #200, #800	½",¾",1",1¼" 1½",2",3",4"	425	NIALBR A216WCB A105 A350LF2	MONEL SS316				BLOCK5 DEVELOPMENT (MAERSK CONTRACTOR)	2002	HYUNDAI HEAVY INDUSTRY (HHI)
GLOBE VALVES #150, #300, #600, #900, #1500	1",1½",2",3",4" 6",8",10",12" 16",20"	191	NIALBR A352LCC A216WCB A890-4A 316L 254SMO TITANIUM	MONEL SS316 316L S31803 254SMO TITANIUM						
NON SLAM CHECK #150, #300, #600	8",14",26"	9	A216WCB 254SMO A352LCC	254SMO SS316						
BALL VALVE #150	2",4",6"	32	A216WCB	SS316						
GLOBE VALVES #150(10K), #300(16K)	2½",3",5",6",8" 14"	33	A216WCB	STELLITE SS316	PETROBRAS P-35 FPSO (PETROBRAS)	2002	HYUNDAI HEAVY INDUSTRY (HHI)			
GATE VALVES #150(10K)	8"	1	A216WCB	SS316						
MUD BOX 5K, #150	1½",2",4",6",8"	15	A216WCB	SS316						
SELF CLOSING #150	1½",2"	6	B62	B62						

2. Supply List (Off Shore)

Rating (Pound)	Size (Inch)	Q'ty (EA)	Material		Project Name	Year	Shipyard
			Body	Trim	Owner		
GATE VALVES #150	2",4"	8	A216WCB	STELLITE	WEST SENO FPU (UNOCAL INDONESIA COMPANY)	2002	HYUNDAI HEAVY INDUSTRY (HHI)
DUAL PLATE CHECK VALVE(LUG) #150	2"	10	A216WCB SS316	STELLITE			
LIFT CHECK #800	2"	2	A105	STELLITE			
GATE VALVES #150(10K), #250(16K), #300	¾",1",1½",2",2½" 3",4",5",6",8",10" 14",16",20"	226	NIALBR CS SS316	NIALBR SS316	ERHA/EPC-1 FPSO	2003	HYUNDAI HEAVY INDUSTRY (HHI)
GLOBE VALVES #150, #250(16K), #300	½",1"2',3",6",8"	145	B62 NIALBR CS	B62 NIALBR SS316			
ANGLE VALVES #250(16K)	2",8"	7	NIALBR	NIALBR			
GATE VALVES #150	2",4",6"	13	B62	SS316	KIZOM BA-A FPSO (EXXON MOBIL)	2003	HYUNDAI HEAVY INDUSTRY (HHI)
#300	2" - 10"	128	A352LCB	SS316			
#150	1"	1	B62	SS316			
GLOBE VALVE #150	2",6",10"	26	NIALBR SS316 A216WCB	SS316			
ANGLE VALVE #150	2"	21	B62	B62			
STORM VALVE #150	2" - 10"	26	A352LCB	SS316			
Y-STRAINER #150,#300	2½"	14	NIALBR	SS316			
STRAINER #150,#300	3"	1	B62	B62			
GLOBE VALVES #900	1",½"	12	SS316 A216WCB	SS316	MPN EAST AREA EPCIB (EXXON MOBIL)	2003	HHI
STRAINER #150,#300	3" - 12"	14	NIALBR A216WCB	SS316			
SWING CHECK #150, #300, #600, #900	2",3",4",10",14" 16",18"	64	A890-4A 316L A216WCB	S31803 316L 13CR	MSP PLATFORM (O.N.G.C)	2004	HYUNDAI HEAVY INDUSTRY (HHI)
Y-STRAINER #150	2",3",4",10",12"	13	NIALBR 316L A216WCB	BRASS 316L SS316			
T - STRAINER #300	6",10",12",18"	9	A105	SS316			
TEMPORARY STRAINER #600	14",16",20",24"	10	SS316	SS316			

2. Supply List (Off Shore)

Rating (Pound)	Size (Inch)	Q'ty (EA)	Material		Project Name	Year	Shipyard
			Body	Trim	Owner		
GATE VALVES #150	1½" ~ 10"	208	NIALBR SS316 WCB	MONEL STELLITE	GREATER PLUTONIC FPSO TF1 (BP ANGOLA BLOCK18)	2005	HYUNDAI HEAVY INDUSTRY (HHI)
GLOBE CHECK #150	1½" ~ 4"	15	NIALBR SS316	MONEL SS316			
ANGLE CHECK #150	2",6"	3	NIALBR	MONEL			
STORM VALVE #150	4",6"	5	NIALBR	NIALBR			
DUAL PLATE CHECK VALVE(LUG) #150	2" - 12"	45	NIALBR SS316 A216WCB	MONEL STELLITE			
BALL VALVE #150	¾", 1"	21	SS316	TEFLON			
SELF CLOSING #150	2"	14	NIALBR SS316	MONEL			
MUD BOX	2",4"	15	A216WCB	316L			
DUPLEX STRAINER #150	2",8"	3	SS316 A216WCB	316L			
SIMPLEX STRAINER #150	2",3",5"	19	NIALBR A216WCB A106	BRASS 316L			
Y - STRAINER 150#	2" - 16"	26	A106,WCB SS316 NIALBC	SS316	AKPO-F.P.S.O (HULL) TOTAL UPSTREAM NIGERIA LIMITED	2005	HHI
T - STRAINER 150#	4" - 32"	23	A105	SS316	AKPO-F.P.S.O (TOP) TOTAL UPSTREAM NIGERIA LIMITED	2006	HYUNDAI HEAVY INDUSTRY (HHI)
300 #	4",8",20"	6	A105	SS316			
600 #	12",30"	8	A105	SS316			
2,500 #	24"	3	A105	SS316			
150 #	10" - 20"	29	CuNi	MONEL			
BALL VALVE	15A~50A 40A~150A	250 42	BC SC,BC	BC SS,BC	WAR SHIP KDX-III #1 (P110)	2006	HYUNDAI HEAVY INDUSTRY (HHI)
GATE VALVE	15A~40A 50A~250A	52 35	BC SC,BC	BC SS,BC			
SDNR GLOBE ANGLE	15A~40A	105	BC	BC			
DUO CHECK VALVE	50A~250A	97	SC,BC	SS,BC			
Y-STRAINER	15A~40A	12	BC	SS			
BASKET STR.	50A~300A	7	BC				

2. Supply List (Off Shore)

Rating (Pound)	Size (Inch)	Q'ty (EA)	Material		Project Name	Year	Shipyard
			Body	Trim			
GLOBE ANGLE VALVE	15A~40A	379	BC	BC	WAR SHIP FFX-I (P123)	2009	HYUNDAI HEAVY INDUSTRY (HHI)
	50A~250A	66	SC,BC	SS,BC			
GATE VALVE	15A~40A	117	BC	BC			
	50A~250A	74	SC,BC	SS,BC			
SDNR GLOBE ANGLE	15A~40A	205	BC	BC			
	50A~250A	103	SC,BC	SS,BC			
DUO CHECK VALVE	15,40,65A	168	BC	BC			
HOSE GLOBE ANGLE	6A~50A	18	BC	SS			
Y-STRAINER	50A~300A	11	BC,SC	SS			
BASKET STR.							
GLOBE ANGLE VALVE	15A~40A	365	BC	BC	WAR SHIP KDX-III #3 (P122)	2009	HYUNDAI HEAVY INDUSTRY (HHI)
	50A~150A	55	SC,BC	SS,BC			
GATE VALVE	15A~40A	115	BC6	BC6			
	50A~250A	65	SC480	SC410			
SDNR GLOBE ANGLE	15A~40A	200	BC	BC			
	50A~250A	100	SC,BC	SS,BC			
DUO CHECK VALVE	6A~50A	15	BC	SS			
Y-STRAINER	50A~300A	9	BC	BC			
BASKET STR.							
GLOBE ANGLE VALVE	15A~40A	142	BC	BC	WAR SHIP KDX-III #3 (P124)	2011	HYUNDAI HEAVY INDUSTRY (HHI)
	15A~32A	26	SC,SS	SS			
GATE VALVE	40A~65A	16	BC6	BC6			
	50A~65A	10	FCD	BC			
SDNR GLOBE ANGLE	20A~150A	94	BC	BC			
	50A~250A	90	FCD	BC			
Y-STRAINER	6A	4	BC	BC			
STRAINER	50A~150A	14	BC	SS			
SWING CHECK	25A~40A	36	BC	BC			
HOSE GLOBE ANGLE	15A~40A	72	BC	BC			
STORM VALVE	50A~80A	14	BC	BC			
MUD BOX	50A	8	FCD	SS			

2. Supply List (Off Shore)

Rating (Pound)	Size (Inch)	Q'ty (EA)	Material		Project Name	Year	Shipyard
			Body	Trim			
3-WAY BALL VALVE	5K-40A	2	BC	BC	AOE-II (P147)	2014	HYUNDAI HEAVY INDUSTRY (HHI)
SDNR GLOBE ANGLE	25A~40A	73	BC	BC			
	50A~250A	7	SC480	SS			
GLOBE ANGLE	15A~100A	66	BC	BC			
	25A~65A	16	SC,SCS14	SS			
	40A	9	ALBC	ALBC			
2-WAY BALL VALVE	15A~40A	47	BC	SS,BC			
	15A	2	SS	SS			
DUO CHECK VALVE	65A~200A	29	BC6				
GATE VAVLE	25A~125A	152	BC	BC			
	50A~80A	25	S316	S316			
	65A~200A	6	SC480	BC			
STORM VALVE	50A~125A	55	ALBC	ALBC			
HOSE GLOBE ANGLE	15A~65A	59	BC	BC			
Y-STRAINER	6A~40A	8	BC	S316			
STRAINER	80A~200A	6	SS,SC	SS			
SWING CHECK	25A~125A	15	BC	BC			
	50A~100A	25	SC,SS	SS,BC			
SELF CLOSING VALVE	25A	6	BC,SS	BC,SS			
3-WAY BALL VALVE	5K-40A	2	BC	BC	LST-II#2 7 DOCK (P153)	2014	HYUNDAI HEAVY INDUSTRY (HHI)
SDNR GLOBE ANGLE	25A~40A	80	BC	BC			
	40A~100A	3	SC480	SS			
GLOBE ANGLE	15A~125A	177	BC	BC			
	25A~40A	8	SC,SCS14	SS			
	40A~65A	6	ALBC	ALBC			
2-WAY BALL VALVE	15A~40A	54	BC	SS,BC			
	5K-100A	2	SS	SS			
DUO CHECK VALVE	65A~200A	20	BC6				
FOOT VALVE	32A~50A	6	BC,SC	BC,SS			
GATE VAVLE	25A~125A	131	BC	BC			
	80A	2	S316	S316			
STORM VALVE	50A~125A	47	ALBC	ALBC			
HOSE GLOBE ANGLE	15A~65A	39	BC	BC			
Y-STRAINER	6A~40A	14	BC	S316			
STRAINER	50A~200A	6	SS,BC	SS			
SWING CHECK	25A~50A	6	BC	BC			
	50A~100A	20	SC,SS	SS,BC			

2. Supply List (Off Shore)

Rating (Pound)	Size (Inch)	Q'ty (EA)	Material		Project Name	Year	Shipyard
			Body	Trim	Owner		
SELF CLOSING VALVE	25A~50A	8	BC,SS	BC,SS			
3-WAY BALL VALVE	5K-40A	2	BC	BC	AOE-II (P154)	2014	HYUNDAI HEAVY INDUSTRY (HHI)
SDNR GLOBE ANGLE	25A~40A	73	BC	BC			
	50A~250A	7	SC480	SS			
GLOBE ANGLE	15A~100A	66	BC	BC			
	25A~65A	16	SC,SCS14	SS			
	40A	9	ALBC	ALBC			
2-WAY BALL VALVE	15A~40A	47	BC	SS,BC			
	15A	2	SS	SS			
DUO CHECK VALVE	65A~200A	29	BC6				
GATE VAVLE	25A~125A	152	BC	BC			
	50A~80A	25	S316	S316			
	65A~200A	6	SC480	BC			
STORM VALVE	50A~125A	55	ALBC	ALBC			
HOSE GLOBE ANGLE	15A~65A	59	BC	BC			
Y-STRAINER	6A~40A	8	BC	S316			
STRAINER	80A~200A	6	SS,SC	SS			
SWING CHECK	25A~125A	15	BC	BC			
	50A~100A	25	SC,SS	SS,BC			
SELF CLOSING VALVE	25A	6	BC,SS	BC,SS			
SDNR GLOBE ANGLE	25A~200A	190	BC	BC	LST-II #2 (P155)	2015	HYUNDAI HEAVY INDUSTRY (HHI)
	15A~100A	49	SC,SS	SS			
	50A~150A	42	ALBC	ALBC			
GLOBE ANGLE	15A~125A	525	BC	BC			
	25A~65A	16	SC,SCS14	SS			
	40A	9	ALBC	ALBC			
2-WAY BALL VALVE	5A~40A	438	BC	SS,BC			
	5A~100A	26	SS	SS			
GATE VAVLE	25A~80A	137	BC	BC			
	50A~250A	22	SC480	SS			
STORM VALVE	50A~125A	33	ALBC	ALBC			
HOSE GLOBE ANGLE	15A~65A	186	BC	BC			
Y-STRAINER	6A~125A	34	BC	S316			
STRAINER	40A~100A	16	SS,SC	SS			
	50A~250A	20	BC	SS			
SWING CHECK	25A~150A	85	BC	BC			
	25A~100A	31	SC,SS	SS,BC			
SELF CLOSING VALVE	25A	4	BC	BC			

2. Supply List (Off Shore)

Rating (Pound)	Size (Inch)	Q'ty (EA)	Material		Project Name	Year	Shipyard
			Body	Trim	Owner		
2,3,4-WAY BALL VALVE	6A~100A	145	SUS316 C63000	CF3M MONEL	SUBMARINE (P141)	2016	HYUNDAI HEAVY INDUSTRY (HHI)
SDNR GLOBE ANGLE	8A~25A	22	SUS316 C63000 C95800				
GLOBE ANGLE	6A~65A	42	SUS316 C63000 C95800				
DUO CHECK VALVE	40A~80A	6	C95800				
HULL VALVE	20A~125A	59	C63000	MONEL			
LIFT CHECK VALVE	15A~40A	18	SUS316 C63000 C95800				
STRAINER	40A~125A	6	C95800				
3-WAY BALL VALVE	5K-40A	2	BC	BC	LST-II #4 6 DOCK (P156)	2017	HYUNDAI HEAVY INDUSTRY (HHI)
SDNR GLOBE ANGLE	25A~40A 40A~100A	80 3	BC SC480	BC SS			
GLOBE ANGLE	15A~125A 25A~40A 40A~65A	177 8 6	BC SC,SCS14 ALBC	BC SS ALBC			
2-WAY BALL VALVE	15A~40A 5K-100A	54 2	BC SS	SS,BC SS			
DUO CHECK VALVE	65A~200A	20	BC6				
FOOT VALVE	32A~50A	6	BC,SC	BC,SS			
GATE VAVLE	25A~125A 80A	131 2	BC S316	BC S316			
STORM VALVE	50A~125A	47	ALBC	ALBC			
HOSE GLOBE ANGLE	15A~65A	39	BC	BC			
Y-STRAINER	6A~40A	14	BC	S316			
STRAINER	50A~200A	6	SS,BC	SS			
SWING CHECK	25A~50A 50A~100A	6 20	BC SC,SS	BC SS,BC			
SELF CLOSING VALVE	25A~50A	8	BC,SS	BC,SS			

2. Supply List (Off Shore)

Rating (Pound)	Size (Inch)	Q'ty (EA)	Material		Project Name	Year	Shipyard
			Body	Trim	Owner		
2,3,4-WAY BALL VALVE	6A~100A	145	SUS316 C63000	CF3M MONEL	SUBMARINE (P142)	2017	HYUNDAI HEAVY INDUSTRY (HHI)
SDNR GLOBE ANGLE	8A~25A	22	SUS316 C63000 C95800				
GLOBE ANGLE	6A~65A	42	SUS316 C63000 C95800				
DUO CHECK VALVE	40A~80A	6	C95800				
HULL VALVE	20A~125A	59	C63000	MONEL			
LIFT CHECK VALVE	15A~40A	18	SUS316 C63000 C95800				
STRAINER	40A~125A	6	C95800				
DUAL CHECK VALVE 5K,10K,16K	50A~300A	101	BC,FC,SC	BC,SS,SC	NEW ZEALAND AOE (P158)	2018	HYUNDAI HEAVY INDUSTRY (HHI)
GATE, GLOBE, ANGLE, HOSE, SWING CHECK VALVES 5K,10K,16K,20K,150LBS 300LBS,600LBS	15A~450A	1181	BC/FCD SC/SUS	SS BC			
2-WAY BALL VALVES 5K,10K,16K,20K,30K	10A~125A	943	BC,SC,SUS	SS BC			
STRAINER 5K,10K	40A~450A	36	FC,SC,SS	SUS			
STORM VALVES 5K,10K	50A~150A	32	SC	SUS			
DUAL CHECK VALVE 5K,10K	80A~150A	16	BC,FC	BC	PHILIPPINES ATX (P159 / P160)	2018~2019	HYUNDAI HEAVY INDUSTRY (HHI)
GATE, GLOBE, ANGLE, HOSE, SWING CHECK VALVES 5K,10K,16K,40K	6A~250A	738	BC/FC SC/SUS	SS BC			
2-WAY, 3-WAY BALL VALVES 5K,10K,20K	6A~100A	63	BC,SUS	BC,SUS			
STRAINER 5K,10K	40A~400A	19	BC,SC,SUS	SUS			
STORM VALVES 5K,10K	40A~100A	32	SC,BC	BC,SUS			
DUAL CHECK VALVE 10K	80A	2	FC	BC	MARITIME POLICE (P162)	2019	HYUNDAI HEAVY INDUSTRY (HHI)
GATE, GLOBE, ANGLE, HOSE, SWING CHECK VALVES 5K,16K,20K	6A~80A	53	BC/FC	BC			
2-WAY, 3-WAY BALL VALVES 5K,10K	6A~50A	13	BC,SUS	SUS			

2. Supply List (Off Shore)

Rating (Pound)	Size (Inch)	Q'ty (EA)	Material		Project Name	Year	Shipyard
			Body	Trim	Owner		
DUAL CHECK VALVE 5K,10K	50A~200A	75	BC,SC	BC,SUS	WAR SHIP FFX-II #3 (P163) WAR SHIP FFX-II #4 (P164) WAR SHIP FFX-II #7 (P165) WAR SHIP FFX-II #8 (P166)	2019~2020	HYUNDAI HEAVY INDUSTRY (HHI)
GATE,GLOBE,ANGLE,HOSE, SWING CHECK VALVES 5K,10K,16K,40K	6A~200A	1278	BC/ALBC SC/SUS	SUS/BC ALBC			
2-WAY,3-WAY BALL VALVES 5K	40A	4	BC				
STRAINER 5K	40A~300A	19	BC,SC,SUS	SUS			
STORM VALVES 10K	50A~125A	34	ALBC	ALBC			
GATE VALVES #150	¾",1",2",2½",2" 3",4",6",10"	141	A890-4A B62 A216WCB	S32760 B62 SS316	TERRA NOVA FPSO (BROWN & ROOT LIMITED)	1999	DAEWOO HEAVY INDUSTRY (DSME)
GLOBE VALVES #150	2",3",4",8",18"	27	A890-4A	S32760			
ANGLE VALVE #150	6",8",14"	5	A890-4A	S32760			
SWING CHECK #150	4",10"	3	A890-4A	S32760			
DUAL PLATE CHECK VALVE(LUG) #150	24"	2	A890-4A	S32760			
GLOBE VALVES #150	½",1",1½",2", 2½",3",4",5",6" 8",10",14"	323	B62 SS316 A216WCB	B62 SS316			
ANGLE VALVES #150	3",4",8"	19	SS316 A216WCB	SS316			
SWING CHECK #150	2",4",8"	3	A216WCB	SS316			
MUD BOX #150	2",6",8"	18	A216WCB	SS316			
DUAL PLATE CHECK VALVE(LUG) #150	2",3",4",6",8" 12",16"	64	B62 SS316 A216WCB	NIALBR SS316 STELLITE			
STORM VALVE #150	2½",6"	6	A216WCB	SS316			
STRAINER #150	1½",2",3",4"	10	A216WCB	SS316			
ANGLE VALVE (#300)	2"	5	SS316	SS316	AGBAMI-FPSO (CHEVRON TEXACO)	2005	DAEWOO HEAVY INDUSTRY (DSME)
STORM VALVE 5K(#125), 10K(#150)	4",6"	3	NIALBR	NIALBR			
SELF CLOSING 5K(#125)	1",2",2½"	42	B62 SS316 A216WCB	B62 SS316			

2. Supply List (Off Shore)

Rating (Pound)	Size (Inch)	Q'ty (EA)	Material		Project Name	Year	Shipyard
			Body	Trim	Owner		
ROSE BOX 5K	40,50,65,80,100 150,200A	49	SS	SS	WAR KDX-III #2(7029)	2007	DAEWOO HEAVY INDUSTRY (DSME)
SDNR GLOBE VALVES 5K, 10K, 16K, 280K	15,20,32,40,50,65 100,150A	398	SC,FC,ALB C SS	BC,ALBC			
HOSE VALVE 5K, 16K	15,40A	31	BC	BC			
FLAP CHECK VALVE 5K, 10K	50,65,80,125,200A	77	BC	BC			
SDNR ANGLE VALVES 5K, 16K	150A	9	BC	BC			
STRAINER (R-Hyd) 5K, 10K	65,80,100,150A	7	SC,BC	BC,SS			
SELF CLOSING 10K	25A	24	BC	BC			
STORM VALVE 5K	50,65,80,100A	54	SC	BC			
DUAL CHECK VALVE 5K, 10K, 16K	50A~300A	59	BC,SC	BC	AST-II (7038)	2011	DAEWOO HEAVY INDUSTRY (DSME)
GATE, GLOBE, ANGLE, HOSE, SWING CHECK VALVES 5K, 10K, 16K, 40K	10A~200A	1063	BC/ALBC SC/SUS	SS BC,ALBC			
STRAINER 5K	40A~300A	17	BC,SC,SUS	SUS			
STORM VALVES 5K	50A~150A	23	ALBC	ALBC			
DUAL CHECK VALVE 5K, 10K	50A~150A	18	FC,SC	SS,BC	NGV TEC (7039 / 7040)	2012	DSME
STORM VALVES 10K	50A~80A	22	SC	SS			
DUAL CHECK VALVE 5K, 10K, 16K, 20K	50A~600A	142	SC	SS	MARS TANKER (7044/7045)	2014~2015	DAEWOO HEAVY INDUSTRY (DSME)
GATE, GLOBE, ANGLE, HOSE, SWING CHECK VALVES 5K, 10K, 16K	32A~150A	93	SC,BC	BC,SS			
STRAINER 5K, 10K	40A~125A	26	SC	SS			
MUD BOX 5K	50A~125A	34	MS	MS			
STORM VALVES 5K	50A~80A	11	SC	SS			
DUAL CHECK VALVE 5K, 10K, 16K	25A~350A	167	BC/FC SC/SCS SUS	BC,ALBC SUS	NDLO (7048)	2015	DAEWOO HEAVY INDUSTRY (DSME)
GATE, GLOBE, ANGLE, HOSE, SWING CHECK VALVES 5K, 10K, 16K, 40K	15A~250A	2719	BC/ALBC SC/SUS	SS BC,ALBC			
SURFACE VALVE 5K	50A~100A	5	SC	BC			
DUAL CHECK VALVE 5K, 10K	50A~200A	66	BC	BC,SCS	THAILAND PATROL SHIP (7049)	2016	DAEWOO HEAVY INDUSTRY (DSME)
GATE, GLOBE, ANGLE, HOSE, SWING CHECK VALVES 5K, 10K, 16K, 40K	15A~200A	1378	BC/ALBC SC/SUS	SS BC,ALBC			
STRAINER 5K, 10K	40A~350A	19	BC,SC SCS	SCS,SS			
STORM VALVES 10K	50A~125A	42	ALBC	ALBC			

2. Supply List (Off Shore)

Rating (Pound)	Size (Inch)	Q'ty (EA)	Material		Project Name	Year	Shipyard
			Body	Trim			
DUAL CHECK VALVE 5K, 10K	50A~200A	75	BC,SC	BC,SUS	WAR SHIP BATCH-II #1 (7050) WAR SHIP BATCH-II #2 (7057) WAR SHIP BATCH-II #5 (7058) WAR SHIP BATCH-II #6 (7059)	2015~2020	DAEWOO HEAVY INDUSTRY (DSME)
GATE, GLOBE, ANGLE, HOSE, SWING CHECK VALVES 5K, 10K, 16K, 40K	6A~200A	1357	BC/ALBC SC/SUS	SUS/BC ALBC			
STRAINER 5K	40A~300A	19	BC,SC,SUS	SUS			
STORM VALVES 10K	50A~125A	34	ALBC	ALBC			
Y-STRAINER 5K, 10K, 40K	6A~200A	40	BC/SCS	SUS	SUBMARINE SUPPORT SHIP (7060)	2020	DAEWOO HEAVY INDUSTRY (DSME)
GATE, GLOBE, ANGLE, HOSE, SWING CHECK VALVES 5K, 10K, 16K, 40K	15A~200A	324	ALBC SC/SUS	ALBC SS			
STRAINER 5K, 10K	50A~350A	19	BC,SC SCS	SUS			
STORM VALVES 10K	50A~100A	26	ALBC	ALBC			
DUAL CHECK VALVE 5K, 10K, 16K	50A~600A	184	ALBC,FC,S C	ALBC,SS316	ENI CORAL SHIP - FLNG (SN2235)	2018.12~ 2020.11	SAMSUNG HEAVY INDUSTRY (SHI)
GATE, GLOBE, SELF CLOSING, SDNR GLOBE, SDNR ANGLE 5K, 10K, 16K, 30K	15A~300A	338	BC/FC SC/SUS	SS BC			
2-WAY BALL VALVES 5K, 10K, 16K, 30K	20A~300A	1983	ALBC,SC SUS	ALBC,SS316			
STORM VALVES 10K	150A	1	ALBC	ALBC			
DUAL CHECK VALVE #150, #300	2"~24"	115	WCB,CF8M C95800	SS316 MONEL	RELIANCE INDUSTRIES LIMITED SHIP - FPSO (SN2333)	2020.10~ 2021.05	SAMSUNG HEAVY INDUSTRY (SHI)
SDNR GLOBE VALVES #150, #300	3/4"~6"	183	WCB,CF8M C95800	SS316 MONEL			
SELF CLOSING(F) #150	1"~3"	22	WVB,LF2 C95800	SS316 MONEL			
FOOT VALVE #150	1"	1	A105	-			
STORM VALVES ANGLE #150	6"	2	C95800	C95800			
SELF CLOSING VALVE #150	1"~3"	32	B62,WCB	BC,SS316	PETROBRASS ANNA NERY PROJECT - FPSO (1801)	2021.01~ 2021.10	COSCO SHIPPING (Qidong) Offshore Co.,Ltd.
SDNR GLOBE, SDNR ANGLE #150	0.5"~16"	207	WCB,A105 CF8M,C958 00	SS316,SS316 SS316,MONEL			
SURFACE VALVES	8"	4	ALBC,SC	ALBC, BC			
STORM VALVES #150	2.5"	1	ALBC	ALBC			