

ITEM	DESCRIPTION	QTY	PART #	MATERIAL
1	BODY	1	87-009362	CARBON STEEL TO SA105
2	INLET EXTENSION	1	87-009542	CARBON STEEL TO SA106 GR. B
3	1502 HAMMER UNION	1	N/A	1502 HAMMER UNION
4	1502 HAMMER NUT	1	N/A	1502 HAMMER UNION NUT
5	OUTLET EXTENSION	1	87-009543	CARBON STEEL TO SA106 GR. B
6	1502 HAMMER UNION	1	N/A	1502 HAMMER UNION
7	SEAT CAGE	1	87-008244	TYPE 316SS TO SA479
8	PISTON	1	87-008245HP	TYPE 17-4SS TO SA564 COND H1.150
9	SEAL RETAINER	1	87-008311	TYPE 17-4SS TO SA564 COND H1.150
10	BONNET	1	87-009813	TYPE 316SS TO SA479
11	SLEEVE	1	87-009816	CARBON STEEL TO SA513
12	TOP PLATE	1	87-009836	CARBON STEEL TO SA105
13	HOLDING NUT	1	87-002311	TYPE 17-4SS TO SA564 COND H800
14	POST	4	N/A	1/2-13UNC-2A ALL THREAD, TO SA193-87
15	SPACER	4	N/A	3/4 X .085 WALL TUBE, 316SS TO SA213
16	PISTON BOLT	1	N/A	7/8-9UNC-2A X 1-1/2, TO SA574
17	BONNET BOLT	12	N/A	7/8-9UNC-2A X 5-1/2, TO SA574
18	HEX NUT (POST)	4	N/A	1/2-13UNC-2B, TO SA194-2H
19	NORDLOCK (PISTON, BONNET)	13	N/A	7/8 NORDLOCK, STEEL
20	NORDLOCK (POST)	4	N/A	1/2 NORDLOCK, STEEL
21	O-RING (LWR CAGE)	1	N/A	2-339 VITON
22	O-RING (UPPER CAGE)	1	N/A	2-340 VITON
23	O-RING (PISTON)	1	N/A	2-328 VITON
24	BACK-UP RING (PISTON)	1	N/A	MS2878231 TEFLON SPIRAL TYPE
25	O-RING (STEM)	2	N/A	2-214 VITON
26	O-RING (BONNET)	1	N/A	2-226 VITON
27	MAIN SEAL	1	N/A	RPT-SEALS-N90-MUD VALVES
28	PEEK BUSHING	1	N/A	PEEK
29	BUMPER	1	87-008901	URETHANE
30	1/8" ZERK FITTING	1	N/A	STEEL
31	PIPE PLUG	1	N/A	1/2" NPT CARBON STEEL
32	POCO END	2	N/A	TYPE 304SS TO SA479
33	RUPTURE PIN	1	N/A	PROPRIETARY ALLOY #1

MAXIMUM SET PRESSURE 10,000#

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UNLESS OTHERWISE SPECIFIED TOLERANCES ARE TO BE:	SCALE: NONE	APPROVED BY: J TAYLOR	DRAWN BY: G KELCH
ASSEMBLY: 1/16" ±0.0005	DATE:		
AXES: 1/32" ±0.0012			
HOLES: 1/32" ±0.0012			
ROUNDS: 1/32" ±0.0012			
THREADS: 1/32" ±0.0012			
STAMPING TO BE LOW STRESS TYPE	3" MODEL I-BU MUD VALVE		
HARDNESS TEST LOCATION	GENERAL ASSEMBLY		
	DRAWING NUMBER: SN22628		

