



NOTES:  
 1. GREASE LINES, COVER AND DRAIN HOLES SHOWN FOR CLARITY.  
 2. DESIGN CONFIGURATION FOR 8"-30" VALVES, SPLINE FOR SIZE 36" AND UP.  
 3. FOR VALVE SIZES SMALLER THAN 20", SHAFT IS A ONE PIECE SHAFT AND ITEMS 5,12,13,14 & 15 ARE NOT APPLICABLE.  
 4. ITEMS 36 & 38 ARE NOT APPLICABLE FOR TYPE 0 ACTUATORS.

ITEM NO.	DESCRIPTION	MATERIAL
1	BODY	DUCTILE IRON ASTM A-536 GRADE 65-45-12
2	PLUG	DUCTILE IRON ASTM A-536 GRADE 65-45-12
3	VALVE COVER	DUCTILE IRON ASTM A-536 GRADE 65-45-12
4	VALVE SHAFT	STN. STL.ASTM A-564 TYPE 630 COND.H-1150
5 (3)	ACTUATOR SHAFT	STN. STL.ASTM A-564 TYPE 630 COND.H-1150
6	BODY BEARINGS	TYPE 316 STAINLESS STEEL ASTM A-276 OR STAINLESS STEEL ASTM A-351 GR. CF8M
7	PLUG BEARINGS	BRONZE ASTM B-584 C93200
8	BODY AND PLUG SEAT	MONEL ALLOY UNS: N04060
9	SHAFT PIN	STN.STL. ASTM A-564 TYPE 630 COND.H-1150
10	V-TYPE PACKING	COTTON IMPREGNATED WITH NEOPRENE AND VULCANIZED OR PHENOLIC
11	PACKING GLAND	BRONZE ASTM B-584 C93200
12 (3)	COUPLING	STN. STL.ASTM A-564 TYPE 630 COND.H-1150
13 (3)	SPLIT SHAFT PIN	STN. STL.ASTM A-564 TYPE 630 COND.H-1150
14 (3)	HEX NUT	STEEL ASTM A-194 GR.2H (ZINC COATED)
15 (3)	LOCK WASHER	CARBON STEEL (ZINC COATED)
16	ACTUATOR HOUSING	DUCTILE IRON ASTM A-536 GRADE 65-45-12
17	ACTUATOR COVER	DUCTILE IRON ASTM A-536 GRADE 65-45-12
18	GUIDE ROD	STN.STL. ASTM A-564 TYPE 630 COND.H-1150
19	ROTATOR LEVER	DUCTILE IRON ASTM A-536 GRADE 65-45-12
20	LIFTING LEVER ARM	CARBON STEEL ASTM A-36 OR AISI 1045 C.D.
21	SLIDING BLOCK	BRONZE ASTM B-584 ALLOY C86300
22	ROLLER	STN.STL. ASTM A-564 TYPE 630 COND.H-1150
23	NUT LIFTING LEVER	CAST STEEL ASTM A-148 GRADE 105-85
25	LIFTING NUT	BRONZE AMPCO 18
26	KEYLESS LOCKING DEVICE	B-LOC B112
28	BEARING	BRONZE ASTM B-271 C95400
29	BEARING	BRONZE ASTM B-271 C95400
30	THRUST BALL BEARING	N/A
31	FRONT SUPPORT PLATE	CARBON STEEL ASTM A-36
32	COVER PLATE	CARBON STEEL ASTM A-36
33	STOP FOR SLIDING BLOCK	STAINLESS STEEL ASTM A-276 TYPE 304
34	COVER PLATE PLUG (TYPE 0 ACT. ONLY)	LEXAN L-P-393 BRONZE
35	RETAINER PLATE	DUCTILE IRON ASTM A-536 GRADE 65-45-12
36 (4)	PIN	CARBON STEEL MIN. CASE HARDNESS HRC 58
37	PIN	CARBON STEEL MIN. CASE HARDNESS HRC 58
38 (4)	HEX HEAD CAPSCREW	STEEL SAE GR.2
39	HEX HEAD CAPSCREW	STEEL SAE GR.8
40	SOCKET HEAD CAPSCREW	ALLOY STEEL SAE GR.8
41	SOCKET HEAD CAPSCREW	ALLOY STEEL SAE GR.8
42	HEX HEAD CAPSCREW	STEEL SAE GR.8
43	HEX HEAD CAPSCREW	STEEL SAE GR.8
44	HEX HEAD CAPSCREW	STEEL SAE GR.8
45	HEX HEAD CAPSCREW	STEEL SAE GR.8
46	HEX NUT	STEEL ASTM A-194 GR.2H (ZINC COATED)
47	HEX HEAD CAPSCREW	STEEL SAE GR.8
48	HEX NUT	STEEL ASTM A-194 GR.2H (ZINC COATED)
49	SOCKET SET SCREW	ALLOY STEEL (ZINC PLATED)
50	HEX NUT	CARBON STEEL AISI 1018/1020 (ZINC COATED)
51	"O"- RING	BUNA-N
52	"O"- RING	BUNA-N
53	"O"- RING	BUNA-N
54	GREASE FITTING	STAINLESS STEEL TYPE 303
55	RETAINING RING	CARBON STEEL
56	ETAINING RING	CARBON STEEL
57	THREADED STUD	STAINLESS STEEL TYPE 304
58	HEX NUT	CARBON STEEL AISI 1018/1020 (ZINC COATED)
59	HEX NUT	CARBON STEEL AISI 1018/1020 (ZINC COATED)
60	TAG	STAINLESS STEEL
61	DRAIN HOLES PLUG	BRONZE
62	HEX NUT	CARBON STEEL AISI 1018/1020 (ZINC COATED)

REV	DATE	DESCRIPTION	DWN	APP	
<b>PRATT</b>					
CROSS SECTION PARTS AND MATERIAL LIST METAL SEATED CONE VALVES					
SCALE NONE DATE 1/30/18					
DRAWN BY SAD CHECKED BY					
APPROVED <i>GB</i> GA-BORDER					
DRWG. NO. GA-12441				REV 0	1/6

PRATT ITEM	QTY	VALVE SIZE	ACTUATOR DESCRIPTION	TAG