

**ABOVE GROUND SERVICE TRAVELING NUT ACTUATOR
FOR BUTTERFLY VALVE**

MODEL 1H24 THROUGH 1L24 (42" & LARGER, 150B & 250B)

<u>PART NO.</u>	<u>PART NAME</u>	<u>MATERIAL</u>
1	OPERATOR HOUSING	CAST IRON ASTM A126, CLASS B
2	HOUSING COVER	CAST IRON ASTM A126, CLASS B
3	HOUSING & COVER BUSHINGS	TEFLON / FIBERGLASS BACKED
4	HOUSING COVER BOLTS	STAINLESS STEEL T304, ASTM F593
5	HOUSING GASKET	COMPOSITION RUBBER
6	INDICATOR SHAFT COVER	CAST IRON ASTM A126, CLASS B
7	SHAFT COVER BOLTS	STAINLESS STEEL T304, ASTM F593
9	LEVER	CAST IRON ASTM A126, CLASS B
9A	LOCKING PIN	ALLOY STEEL
10	LEVER O-RINGS	BUNA-N
11	LEVER RETAINING RINGS	STEEL
12	LINK	STEEL
13	LINK BUSHINGS	TEFLON / FIBERGLASS BACKED
14	CROSSHEAD	BRONZE ASTM B124, ALLOY C67500
15	TRAVELING GUIDES	BRONZE ASTM B124, ALLOY C37700
16	OPERATOR STEM	HIGH TENSILE STEEL
17	STEM TRUST BEARING COLLAR	BRONZE ASTM B124, ALLOY C37700
18	STEM COLLAR PIN	STEEL
19	STOP NUT	STEEL
20	STOP NUT PINS	STEEL
21	BEVEL GEAR HOUSING	CAST IRON ASTM A126, CLASS B
22	BEVEL GEAR HOUSING BOLTS	PLATED STEEL ASTM A307
23	BEVEL GEAR HOUSING COVER	CAST IRON ASTM A126, CLASS B
24	B.G. HOUSING COVER BOLTS	STAINLESS STEEL T304, ASTM F593
25	B.G. HOUSING COVER GASKET	COMPOSITION RUBBER
26	BEVEL GEAR	STEEL
27	BEVEL GEAR KEY	STEEL
28	PINION GEAR	STEEL
29	PINION GEAR KEY	STEEL
30	SPACER	STEEL
31	INPUT SHAFT	STAINLESS STEEL T416, ASTM A582
32	SHAFT RETAINING RING	STEEL
33	INPUT SHAFT O-RING	BUNA-N
34	SHAFT BEARING	BRONZE
36	HANDWHEEL (OPTIONAL)	STEEL
37	PIN	STEEL
38	THRUST WASHER	BRONZE
39	NEEDLE BEARING	STEEL
40	BEARING RACES	STEEL
41	SHIMS	STEEL
42	OPERATING NUT (OPTIONAL)	CAST IRON
43	CHAINWHEEL KIT (OPTIONAL)	DUCTILE IRON

NOTE: ALL SPECIFICATIONS AS
LAST REVISED.

Revised 12-22-03

MATERIALS OF CONSTRUCTION

DATE 10/26/99



VALVE AND MANUFACTURING CORP.

DRWG. NO.

VM-1H24-M