

TRAVELING NUT ACTUATOR

SIZES LS-1A THROUGH LS-4A

<u>PART NO.</u>	<u>PART NAME</u>	<u>MATERIAL</u>
1	HOUSING	DUCTILE IRON ASTM A536, GRADE 65-45-12
2	HOUSING COVER	DUCTILE IRON ASTM A536, GRADE 65-45-12
3	COVER BOLTS	STAINLESS STEEL T316
4	LEVER	DUCTILE IRON ASTM A536, GRADE 65-45-12
7	STOP BOLT	PLATED STEEL
7A	LOCK NUT	PLATED STEEL
7B	STOP BOLT THREAD SEAL	PLATED STEEL WITH BUNA-N
8A	END CAP O-RING	BUNA-N
8B	END CAP (FOR SOIL PIPE ALIGNMENT OR MOTOR ATTACHMENT)	DUCTILE IRON ASTM A536, GRADE 65-45-12
8C	END CAP (BLIND END)	DUCTILE IRON ASTM A536, GRADE 65-45-12
9	STEM O-RING	BUNA-N
10A	STEM COLLAR (INPUT END)	ALUMINUM BRONZE (SIZES LS-1A & LS-2A) CARBON STEEL (SIZES LS-3A thru LS-4A)
10B	STEM COLLAR (BLIND END)	ALUMINUM BRONZE (SIZES LS-1A & LS-2A) CARBON STEEL (SIZES LS-3A thru LS-4A)
11	COLLAR PIN	ALLOY STEEL
12	CROSSHEAD	ALUMINUM BRONZE (SIZES LS-1A & LS-2A) BRONZE (SIZES LS-3A thru LS-4A)
13	SHAFT O-RING	BUNA-N
14	STEM	HIGH TENSILE STEEL (NICKEL PLATED EXPOSED END)
15A	END CAP HEX HD. BOLTS	STAINLESS STEEL T316
15B	END CAP SOCKET HD. BOLTS	STAINLESS STEEL T316
16	HANDWHEEL (OPTIONAL)	STEEL
17	PIN	STAINLESS STEEL T316
18	DOWEL PIN	PLATED STEEL ASTM A307
19	INDICATOR	CAST IRON ASTM A126, CLASS B
20	TAPERED ROLLER BEARING	HARDENED ALLOY STEEL (SEE NOTE 1)
22	SHAFT BEARING	TEFLON / FIBERGLASS BACKED
30	COVER O-RING	BUNA-N
31	GROMMET	BUNA-N
32	SET SCREW	STEEL
33	OPERATING NUT (OPTIONAL FOR ABOVE GROUND SERVICE, STANDARD FOR BURIED SERVICE)	CAST IRON ASTM A126, CLASS B
34	CHAINWHEEL KIT (OPTIONAL)	DUCTILE IRON

NOTES:

1. FOR SIZES LS-3A & LS-4A, TAPERED ROLLER BEARINGS (PART NO. 20) ARE USED ON INBOARD SIDE OF EACH STEM COLLAR.

2. ACTUATOR CONFORMS TO AWWA SPECIFICATION C-504

NOTE: ALL SPECIFICATIONS AS LAST REVISED.

MATERIALS OF CONSTRUCTION

DATE 8/22/08



VALVE AND MANUFACTURING CORP.

DRWG. NO.

VM-LS1A-M