

# WORM GEAR ACTUATOR – 14” THRU 18” 5600F/5700F SERIES

## MATERIALS OF CONSTRUCTION

PART NO.	PART NAME	STANDARD MATERIAL	OPTIONAL MATERIAL
B01	HOUSING	CAST IRON, ASTM A126, CLASS B	
B02	WORM GEAR	DUCTILE IRON ASTM A536, GRADE 65-45-12	
B03	WORM	CARBON STEEL, ASTM A108, GRADE 1045	
B04	COVER	CAST IRON, ASTM A126, CLASS B	
B05	INDICATOR (Note 1)	CAST IRON, ASTM A126, CLASS B	
B06	O-RING	BUNA-N	
B07	ROLLER THRUST BEARING	CARBON STEEL, GRADE 1045	
B08	BEARING	PERMANENTLY LUBRICATED BRONZE	
B09	SHAFT	CARBON STEEL, GRADE 1045	
B10	GASKET	COMPRESSED NON-ASBESTOS FIBER	
B11	HANDWHEEL	STEEL	
B12	OPERATING NUT	CAST IRON, ASTM A126, CLASS B	
B13	CHAINWHEEL	CAST IRON	
B14	COVER BOLT	CARBON STEEL	STAINLESS STEEL, TYPE 316
B15	INDICATOR BOLT (Note 1)	CARBON STEEL	STAINLESS STEEL, TYPE 316
B17	LOCATING PIN	SPRING STEEL	
B18	WORM SPRING PIN	CARBON STEEL	
B19	INPUT SPRING PIN	CARBON STEEL	
B20	STOP ADJUSTMENT BOLT	CARBON STEEL	STAINLESS STEEL, TYPE 316
B21	STOP JAM NUT	STEEL, ZINC PLATED	STAINLESS STEEL, TYPE 316
B22	EXPANSION PLUG	STEEL	
B23	OIL SEAL	STEEL & RUBBER	
B24	MOUNTING BOLT	CARBON STEEL	STAINLESS STEEL, TYPE 316
B25	KEY	STEEL	
B26	WORM GEAR BEARING	PERMANENTLY LUBRICATED BRONZE	
S25	HOUSING – SPUR GEAR	CAST IRON, ASTM A126, CLASS B	
S26	GEAR PINNION	CARBON STEEL, AISI C1045	
S27	SPUR GEAR	CARBON STEEL, AISI C1045	
S28	COVER – SPUR GEAR	CAST IRON, ASTM A126, CLASS B	
S29	SPUR GEAR SHAFT	ABOVE GROUND: CARBON STEEL, AISI C1045 BURIED SERVICE: STAINLESS STEEL, 2CR13	
S30	SPRING PIN	ALLOY STEEL	

MATERIALS OF CONSTRUCTION

DATE: 1/16/2025

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PART NO.	PART NAME	STANDARD MATERIAL	OPTIONAL MATERIAL
S31	BEARING	BRONZE ASTM B439, GRADE 1, T2	
S32	COVER BOLT – SPUR GEAR	CARBON STEEL	STAINLESS STEEL, TYPE 316
S33	MOUNTING BOLT – SPUR GEAR	ALLOY STEEL	
S34	KEY	CARBON STEEL, C1018	
S36	GASKET – SPUR GEAR	COMPRESSED NON-ASBESOTOS FIBER	
S37	IDLER SHAFT	CARBON STEEL, AISI C1045	
S91	OIL SEAL	STEEL & RUBBER	
S99	EXPANSION PLUG	CARBON STEEL	

Notes:

1. NOT INCLUDED FOR BURIED SERVICE

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