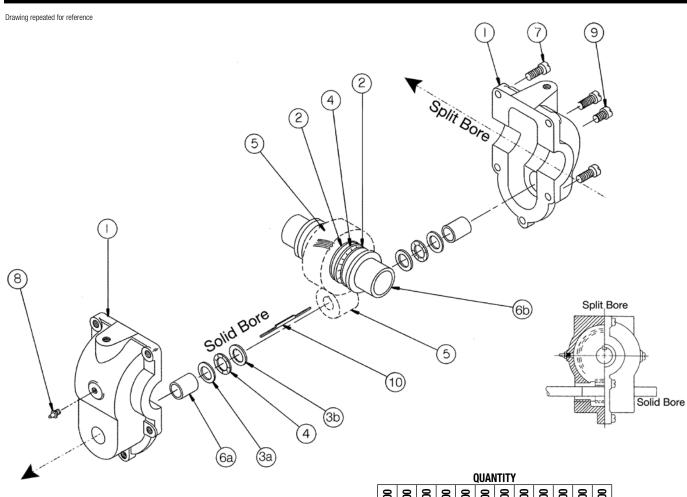


0100-0201_04

FLOAT-A-SHAFT® Standard Series – 21/2:1 Ratio

Standard - Low Torque, Journal Bearing

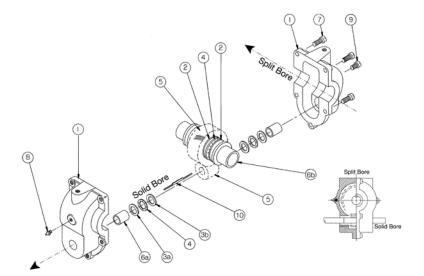
MODEL R/LH BORES 0403-0000 LH 1/2" X 3/4"	Doui	9)		7)		9)				
0404-0000 RH 1/2" X 3/4" 0407-0000 LH 1/2" X 1"					/			B							
0408-0000 RH 1/2" X 1" 0411-0000 LH 1/2" X 1-1/4"			(4) (2) V		6	×	<u> </u>		25						
0412-0000 RH 1/2" X 1-1/4" 0417-0000 LH 5/8" X 3/4"		(2)	Solit	Sor	5)	9)	ς.	0	M 3				
0418-0000 RH 5/8" X 3/4" 0421-0000 LH 5/8" X 1"		(5)	\	. (7	X	人		7						
0422-0000 RH 5/8" X 1" 0425-0000 LH 5/8" X 1-1/4"					9		X	Y	10						
0426-0000 RH 5/8" X 1-1/4"					/	\langle	y			•					
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	6a	_ `	DESCRIPTION	0403-0000	0404-0000	0407-0000	0408-0000	0411-0000	0412-0000 N		'	0421-0000	0422-0000	0425-0000	0426-0000
		PART NO. 0421-9021	DESCRIPTION GEAR CASE HOUSING	— 0403-0000	— 0404-0000	— 0407-0000	— 0408-0000	0411-0000	0412-0000	VTITY	′	— 0421-0000	— 0422-0000		
	ITEM	PART NO.	4) DESCRIPTION			0407-0000				0417-0000	′	→ 0421-0000	— 0422-0000	0425-0000	0456-0000
	ITEM	PART NO. 0421-9021 0425-9025 0200-1312 0200-1316	DESCRIPTION GEAR CASE HOUSING GEAR CASE HOUSING WASHER, THRUST, 3/4" BORE WASHER, THRUST, 1" BORE	1	1	0000-2040		0411-0000	0412-0000	1 0417-0000	— 0418-0000	1 0451-0000	1 0455-0000	1	1
	ITEM 1.	PART NO. 0421-9021 0425-9025 0200-1312 0200-1316 0200-1320	DESCRIPTION GEAR CASE HOUSING GEAR CASE HOUSING WASHER, THRUST, 3/4" BORE WASHER, THRUST, 1" BORE WASHER, THRUST, 1-1/4" BORE	4	4	4	4	1 0411-0000	1 0415-0000	1 0417-0000	— 0418-0000	1	1		
	1. 2.	PART NO. 0421-9021 0425-9025 0200-1312 0200-1316 0200-1320 0100-1308	DESCRIPTION GEAR CASE HOUSING GEAR CASE HOUSING WASHER, THRUST, 3/4" BORE WASHER, THRUST, 1" BORE WASHER, THRUST, 1-1/4" BORE WASHER, THRUST, 1/2" BORE (3A)	1	1	1	1	0411-0000	─ 0412-0000	1 4 4	1 0418-0000	4	4	1 4	1 4
	ITEM 1.	PART NO. 0421-9021 0425-9025 0200-1312 0200-1316 0200-1320 0100-1308 0100-1310	DESCRIPTION GEAR CASE HOUSING GEAR CASE HOUSING WASHER, THRUST, 3/4" BORE WASHER, THRUST, 1" BORE WASHER, THRUST, 1-1/4" BORE WASHER, THRUST, 1-1/4" BORE (3A) WASHER, THRUST, 5/8" BORE (3A)	1 4 2	4 2	4	4	1 4 2	1 4 2	1 0417-0000	— 0418-0000	1	1	1	1
	1. 2.	PART NO. 0421-9021 0425-9025 0200-1312 0200-1316 0200-1320 0100-1308	DESCRIPTION GEAR CASE HOUSING GEAR CASE HOUSING WASHER, THRUST, 3/4" BORE WASHER, THRUST, 1" BORE WASHER, THRUST, 1-1/4" BORE WASHER, THRUST, 1/2" BORE (3A)	4	4	4	4	1 0411-0000	1 0415-0000	1 4 4	1 0418-0000	4	4	1 4	1 4
	1. 2.	PART NO. 0421-9021 0425-9025 0200-1312 0200-1316 0200-1320 0100-1308 0100-1310 0100-4308 0100-4310 0100-1208	DESCRIPTION GEAR CASE HOUSING GEAR CASE HOUSING WASHER, THRUST, 3/4" BORE WASHER, THRUST, 1" BORE WASHER, THRUST, 1-1/4" BORE WASHER, THRUST, 1-2" BORE (3A) WASHER, THRUST, 5/8" BORE (3A) WASHER, THRUST, 1/2" BORE (3B) WASHER, THRUST, 5/8" BORE (3B) BEARING, THRUST, 1/2" BORE	1 4 2	4 2	4	4	1 4 2	1 4 2	0000- 1170 1 2	1 4 2 2	1 4 2 2	4	1 4 2 2	1 2 2
	1. 2. 3.	PART NO. 0421-9021 0425-9025 0200-1312 0200-1316 0200-1320 0100-1308 0100-1310 0100-4308 0100-4310 0100-1208 0100-1210	DESCRIPTION GEAR CASE HOUSING GEAR CASE HOUSING WASHER, THRUST, 3/4" BORE WASHER, THRUST, 1" BORE WASHER, THRUST, 1-1/4" BORE WASHER, THRUST, 1-2" BORE (3A) WASHER, THRUST, 5/8" BORE (3A) WASHER, THRUST, 1/2" BORE (3B) WASHER, THRUST, 5/8" BORE (3B) BEARING, THRUST, 1/2" BORE BEARING, THRUST, 5/8" BORE	2 2 2	2 2	1 4 2 2	1 4 2 2	1 2 2	1 2 2	0000-2140 1 2 2	0000-8140 1 2 2	4	4	1 4 2	1 4 2
	1. 2.	PART NO. 0421-9021 0425-9025 0200-1312 0200-1316 0200-1320 0100-1308 0100-4308 0100-4310 0100-1208 0100-1210 0200-1212	DESCRIPTION GEAR CASE HOUSING GEAR CASE HOUSING WASHER, THRUST, 3/4" BORE WASHER, THRUST, 1" BORE WASHER, THRUST, 1-1/4" BORE WASHER, THRUST, 1-1/4" BORE (3A) WASHER, THRUST, 5/8" BORE (3A) WASHER, THRUST, 5/8" BORE (3B) WASHER, THRUST, 1/2" BORE (3B) BEARING, THRUST, 1/2" BORE BEARING, THRUST, 5/8" BORE BEARING, THRUST, 3/4" BORE	2	2	2 2	1 4 2 2 2	1 2 2	1 2 2	0000- 1170 1 2	1 4 2 2	2 2	2 2	1 4 2 2	1 2 2
	1. 2. 3.	PART NO. 0421-9021 0425-9025 0200-1312 0200-1316 0200-1320 0100-1308 0100-4308 0100-4308 0100-1208 0100-1210 0200-1212 0200-1216	DESCRIPTION GEAR CASE HOUSING GEAR CASE HOUSING WASHER, THRUST, 3/4" BORE WASHER, THRUST, 1-1/4" BORE WASHER, THRUST, 1-1/4" BORE WASHER, THRUST, 1-2" BORE (3A) WASHER, THRUST, 5/8" BORE (3B) WASHER, THRUST, 1/2" BORE (3B) WASHER, THRUST, 5/8" BORE (3B) BEARING, THRUST, 1/2" BORE BEARING, THRUST, 3/4" BORE BEARING, THRUST, 3/4" BORE BEARING, THRUST, 1" BORE	2 2 2	2 2	1 4 2 2	1 4 2 2	1 2 2 2	1 2 2 2	0000-2140 1 2 2	0000-8140 1 2 2	1 4 2 2	1 4 2 2	1 2 2 2 2	1 2 2 2
	1. 2. 3.	PART NO. 0421-9021 0425-9025 0200-1312 0200-1316 0200-1320 0100-1308 0100-4308 0100-4310 0100-4208 0100-1210 0200-1212 0200-1216 0200-1220	DESCRIPTION GEAR CASE HOUSING GEAR CASE HOUSING WASHER, THRUST, 3/4" BORE WASHER, THRUST, 1" BORE WASHER, THRUST, 1-1/4" BORE WASHER, THRUST, 1/2" BORE (3A) WASHER, THRUST, 5/8" BORE (3A) WASHER, THRUST, 5/8" BORE (3B) WASHER, THRUST, 5/8" BORE (3B) BEARING, THRUST, 1/2" BORE BEARING, THRUST, 3/4" BORE BEARING, THRUST, 3/4" BORE BEARING, THRUST, 1" BORE BEARING, THRUST, 1" BORE BEARING, THRUST, 1-1/4" BORE	2 2 2	2 2	2 2 2	1 4 2 2 2	1 2 2	1 2 2	0000-2140 1 2 2	0000-8140 1 2 2	2 2	2 2	1 4 2 2	1 2 2
	1. 2. 3.	PART NO. 0421-9021 0425-9025 0200-1312 0200-1316 0200-1320 0100-1308 0100-1310 0100-4308 0100-4310 0100-1208 0100-1210 0200-1212 0200-1216 0200-1220 0100-1108	DESCRIPTION GEAR CASE HOUSING GEAR CASE HOUSING WASHER, THRUST, 3/4" BORE WASHER, THRUST, 1" BORE WASHER, THRUST, 1-1/4" BORE WASHER, THRUST, 1/2" BORE (3A) WASHER, THRUST, 5/8" BORE (3A) WASHER, THRUST, 5/8" BORE (3B) WASHER, THRUST, 5/8" BORE (3B) BEARING, THRUST, 1/2" BORE BEARING, THRUST, 5/8" BORE BEARING, THRUST, 3/4" BORE BEARING, THRUST, 1" BORE BEARING, THRUST, 1" BORE BEARING, THRUST, 1-1/4" BORE GEAR, 10 T, LH, 1/2" BORE	2 2 2	2 2	2 2	1 4 2 2 2	1 2 2 2	1 2 2 2	0000-2140 1 2 2	0000-8140 1 2 2	2 2	2 2	1 2 2 2 2	1 2 2 2
	1. 2. 3.	PART NO. 0421-9021 0425-9025 0200-1312 0200-1316 0200-1320 0100-1308 0100-4308 0100-4310 0100-4208 0100-1210 0200-1212 0200-1216 0200-1220 0100-1108 0100-2108 0100-2108	DESCRIPTION GEAR CASE HOUSING GEAR CASE HOUSING WASHER, THRUST, 3/4" BORE WASHER, THRUST, 1" BORE WASHER, THRUST, 1-1/4" BORE WASHER, THRUST, 1/2" BORE (3A) WASHER, THRUST, 5/8" BORE (3A) WASHER, THRUST, 5/8" BORE (3B) WASHER, THRUST, 5/8" BORE (3B) BEARING, THRUST, 1/2" BORE BEARING, THRUST, 3/4" BORE BEARING, THRUST, 3/4" BORE BEARING, THRUST, 1" BORE BEARING, THRUST, 1" BORE BEARING, THRUST, 1-1/4" BORE	2 2 2	2 2 2	2 2 2	2 2 2	1 2 2	1 2 2 2	0000-2140 1 2 2	0000-8140 1 2 2	2 2	2 2	1 2 2 2 2	1 2 2 2
	1. 2. 3.	PART NO. 0421-9021 0425-9025 0200-1312 0200-1316 0200-1320 0100-1308 0100-4310 0100-4308 0100-1210 0200-1212 0200-1216 0200-1220 0100-1108 0100-2108 0100-2108 0100-2110	DESCRIPTION GEAR CASE HOUSING GEAR CASE HOUSING WASHER, THRUST, 3/4" BORE WASHER, THRUST, 1" BORE WASHER, THRUST, 1-1/4" BORE WASHER, THRUST, 1/2" BORE (3A) WASHER, THRUST, 1/2" BORE (3A) WASHER, THRUST, 1/2" BORE (3B) WASHER, THRUST, 1/2" BORE (3B) BEARING, THRUST, 1/2" BORE BEARING, THRUST, 5/8" BORE BEARING, THRUST, 3/4" BORE BEARING, THRUST, 1" BORE BEARING, THRUST, 1" BORE BEARING, THRUST, 1" BORE GEAR, 10 T, LH, 1/2" BORE GEAR, 10 T, LH, 1/2" BORE GEAR, 10 T, RH, 1/2" BORE GEAR, 10 T, RH, 5/8" BORE	2 2 2	2 2 2	2 2 2	2 2 2	1 2 2	1 2 2 2	000-1140 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	0000-8140 1 2 2	2 2 2	2 2	2 2 2 2	1 2 2 2
	1. 2. 3. 4.	PART NO. 0421-9021 0425-9025 0200-1312 0200-1316 0200-1320 0100-1308 0100-1310 0100-4308 0100-4310 0100-1208 0100-1210 0200-1212 0200-1216 0200-1220 0100-1108 0100-2108 0100-2108 0100-2110 0200-1110	DESCRIPTION GEAR CASE HOUSING GEAR CASE HOUSING WASHER, THRUST, 3/4" BORE WASHER, THRUST, 1" BORE WASHER, THRUST, 1-1/4" BORE WASHER, THRUST, 1/2" BORE (3A) WASHER, THRUST, 1/2" BORE (3A) WASHER, THRUST, 1/2" BORE (3B) WASHER, THRUST, 5/8" BORE (3B) BEARING, THRUST, 1/2" BORE BEARING, THRUST, 5/8" BORE BEARING, THRUST, 3/4" BORE BEARING, THRUST, 1" BORE BEARING, THRUST, 1" BORE BEARING, THRUST, 1" BORE GEAR, 10 T, LH, 1/2" BORE GEAR, 10 T, LH, 1/2" BORE GEAR, 10 T, RH, 5/8" BORE GEAR, 10 T, RH, 5/8" BORE GEAR, 10 T, RH, 5/8" BORE GEAR, 25 T, LH, 3/4" BORE	2 2 2	2 2 2 1	2 2 2	2 2 2	1 2 2	1 2 2 2	000-1140 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 2 2 1	2 2 2	2 2 2	2 2 2 2	1 2 2 2 2 2
	1. 2. 3.	PART NO. 0421-9021 0425-9025 0200-1312 0200-1316 0200-1320 0100-1308 0100-4310 0100-4308 0100-4210 0200-1212 0200-1216 0200-1220 0100-1108 0100-2108 0100-2108 0100-2110 0200-1110 0200-1112	DESCRIPTION GEAR CASE HOUSING GEAR CASE HOUSING WASHER, THRUST, 3/4" BORE WASHER, THRUST, 1" BORE WASHER, THRUST, 1-1/4" BORE WASHER, THRUST, 1/2" BORE (3A) WASHER, THRUST, 1/2" BORE (3B) WASHER, THRUST, 1/2" BORE (3B) WASHER, THRUST, 5/8" BORE (3B) BEARING, THRUST, 5/8" BORE BEARING, THRUST, 5/8" BORE BEARING, THRUST, 3/4" BORE BEARING, THRUST, 1" BORE BEARING, THRUST, 1" BORE BEARING, THRUST, 1" BORE GEAR, 10 T, LH, 1/2" BORE GEAR, 10 T, LH, 1/2" BORE GEAR, 10 T, RH, 5/8" BORE GEAR, 10 T, RH, 5/8" BORE GEAR, 25 T, LH, 3/4" BORE GEAR, 25 T, LH, 3/4" BORE	2 2 2	2 2 2	2 2 1	2 2 2	1 2 2	1 2 2 2	1 4 2 2 2 1	2 2 2 2	2 2 2 1	2 2 2	2 2 2 2	1 2 2 2 2 2
	1. 2. 3. 4.	PART NO. 0421-9021 0425-9025 0200-1312 0200-1316 0200-1320 0100-1308 0100-1310 0100-4308 0100-4310 0100-1210 0200-1212 0200-1216 0200-1220 0100-1108 0100-2108 0100-2108 0100-2110 0200-1112 0200-1112 0200-1112	DESCRIPTION GEAR CASE HOUSING GEAR CASE HOUSING WASHER, THRUST, 3/4" BORE WASHER, THRUST, 1" BORE WASHER, THRUST, 1-1/4" BORE WASHER, THRUST, 1/2" BORE (3A) WASHER, THRUST, 1/2" BORE (3B) WASHER, THRUST, 5/8" BORE (3B) WASHER, THRUST, 5/8" BORE (3B) BEARING, THRUST, 5/8" BORE BEARING, THRUST, 5/8" BORE BEARING, THRUST, 3/4" BORE BEARING, THRUST, 1" BORE BEARING, THRUST, 1" BORE BEARING, THRUST, 1-1/4" BORE GEAR, 10 T, LH, 1/2" BORE GEAR, 10 T, LH, 1/2" BORE GEAR, 10 T, RH, 5/8" BORE GEAR, 10 T, RH, 5/8" BORE GEAR, 25 T, LH, 3/4" BORE GEAR, 25 T, LH, 3/4" BORE GEAR, 25 T, LH, 3/4" BORE	2 2 2	2 2 2 1	2 2 2	2 2 2	1 2 2	1 2 2 2	1 4 2 2 2 1	2 2 2 1	2 2 2	2 2 2 1	2 2 2 2	1 2 2 2 2 2
	1. 2. 3. 4.	PART NO. 0421-9021 0425-9025 0200-1312 0200-1316 0200-1320 0100-1308 0100-1310 0100-4308 0100-4310 0100-1210 0200-1212 0200-1212 0200-1218 0100-2108 0100-2108 0100-2110 0200-1110 0200-1112 0200-1112 0200-1116 0200-2116	DESCRIPTION GEAR CASE HOUSING GEAR CASE HOUSING WASHER, THRUST, 3/4" BORE WASHER, THRUST, 1" BORE WASHER, THRUST, 1-1/4" BORE WASHER, THRUST, 1-2" BORE (3A) WASHER, THRUST, 5/8" BORE (3B) WASHER, THRUST, 1/2" BORE (3B) WASHER, THRUST, 1/2" BORE (3B) BEARING, THRUST, 1/2" BORE BEARING, THRUST, 1/2" BORE BEARING, THRUST, 1/2" BORE BEARING, THRUST, 1/2" BORE BEARING, THRUST, 1" BORE BEARING, THRUST, 1-1/4" BORE GEAR, 10 T, LH, 1/2" BORE GEAR, 10 T, RH, 1/2" BORE GEAR, 10 T, RH, 5/8" BORE GEAR, 10 T, RH, 5/8" BORE GEAR, 25 T, LH, 3/4" BORE GEAR, 25 T, LH, 3/4" BORE GEAR, 25 T, LH, 1" BORE GEAR, 25 T, RH, 1" BORE GEAR, 25 T, RH, 1" BORE	2 2 2	2 2 2 1	2 2 1	2 2 2	1 2 2	1 2 2 2	1 4 2 2 2 1	2 2 2 1	2 2 2 1	2 2 2	2 2 2 2	1 2 2 2 2 2
	1. 2. 3. 4.	PART NO. 0421-9021 0425-9025 0200-1312 0200-1316 0200-1320 0100-1308 0100-1310 0100-4308 0100-4310 0100-1210 0200-1212 0200-1216 0200-1220 0100-1108 0100-2108 0100-2108 0100-2110 0200-1112 0200-1112 0200-1112	DESCRIPTION GEAR CASE HOUSING GEAR CASE HOUSING WASHER, THRUST, 3/4" BORE WASHER, THRUST, 1" BORE WASHER, THRUST, 1-1/4" BORE WASHER, THRUST, 1/2" BORE (3A) WASHER, THRUST, 1/2" BORE (3B) WASHER, THRUST, 5/8" BORE (3B) WASHER, THRUST, 5/8" BORE (3B) BEARING, THRUST, 5/8" BORE BEARING, THRUST, 5/8" BORE BEARING, THRUST, 3/4" BORE BEARING, THRUST, 1" BORE BEARING, THRUST, 1" BORE BEARING, THRUST, 1-1/4" BORE GEAR, 10 T, LH, 1/2" BORE GEAR, 10 T, LH, 1/2" BORE GEAR, 10 T, RH, 5/8" BORE GEAR, 10 T, RH, 5/8" BORE GEAR, 25 T, LH, 3/4" BORE GEAR, 25 T, LH, 3/4" BORE GEAR, 25 T, LH, 3/4" BORE	2 2 2	2 2 2 1	2 2 1	2 2 2	2 2 1	1 2 2 2	1 4 2 2 2 1	2 2 2 1	2 2 2 1	2 2 2 1	2 2 2 1	1 2 2 2 2 2



			0403-000	0404-000	0407-000	0408-000	0411-000	0412-000	0417-000	0418-000	0421-000	0422-000	0425-000	0426-000
ITEM	PART NO.	DESCRIPTION	8	940	940	940	141	141	041	041	042	042	042	042
	0100-3408	BUSHING, BRONZE, 1/2" BORE (6A)	2	2	2	2	2	2						
	0100-3410	BUSHING, BRONZE, 5/8" BORE (6A)							2	2	2	2	2	2
6	0200-3512	BUSHING, BRONZE, FLANGED, 3/4" BORE (6B)	2	2					2	2				
	0200-1516	BUSHING, BRONZE, FLANGED, 1" BORE (6B)			2	2					2	2		
	0200-3520	BUSHING, BRONZE, FLANGED, 1-1/4" BORE (6B)					2	2					2	2
7	0200-1810	SCREW, FILL HD, 1/4-20	5	5	5	5	5	5	5	5	5	5	5	5
8	0100-1601	ZERK GREASE FITTING, 1/4-28	1	1	1	1	1	1	1	1	1	1	1	1
9	0100-2604	SCREW, FILL HD, 1/4-28	1	1	1	1	1	1	1	1	1	1	1	1
	0100-1502	KEY, STEP, 1/8" X 1/8"	1	1	1	1	1	1						
10	0100-1503	KEY, STEP, 1/8" X 7/64"							1	1	1	1	1	1
10	0200-1503	KEY, STEP, 3/16" X 3/16"	1	1					1	1				
	0200-1504	KEY, STEP, 1/4" X 1/4"			1	1	1	1			1	1	1	1

Toll Free: 1-800-328-2174

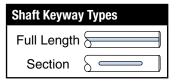
Drawing repeated for reference



Installation

FULL LENGTH SHAFT KEYWAY: Keyway extends to end of shaft. In this case, it is not necessary to disassemble the Float-A-Shaft[®]. Without removing the plastic tubes, align the Float-A-Shaft[®] with the shaft on which it is to be used and gently press it on. Be sure the key is properly oriented with the keyway. The plastic tubes will fall out as the shaft extends through the unit. The plastic tubes should be saved if removal of the Float-A-Shaft[®] is required. Be sure the plastic tubes are inserted as the shaft is withdrawn, otherwise the internal parts will slip out of position and disassembly may be required to restore proper alignment.

SECTION KEYWAY: Keyway does not extend to end of shaft. The Float-A-Shaft[®] must be disassembled for installation.

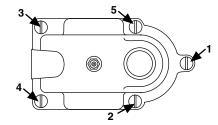


REASSEMBLY: Reference the numbering diagram on page 1 to complete the following instructions, matching the numbers with corresponding bores.

SOLID BORE REASSEMBLY: Slide one end of the Gear Case Housing (1), which has the Bushing (6a) already inserted onto the most accessible end of one shaft. Install a Thrust Washer (3a), a Thrust Bearing (4), and another Thrust Washer (3b)(Note: this is a thicker washer). Next, place the Key (10) in the keyway and slide the Gear (5) onto the shaft over the key. On the opposite side of the gear, place a Thrust Washer (3b), a Thrust Bearing (4), and another Thrust Washer (3a).

SPLIT BORE REASSEMBLY: Slide the following parts onto the shaft, which is positioned at a 90° angle: a Flanged Bushing (6b)—Flanged end toward gear, a Thrust Washer (2), a Thrust Bearing (4), and another Thrust Washer (2). Place the Key (10) in the keyway and slide the Gear (5) onto the shaft over the key. On the opposite side of the gear, place a Thrust Washer (2), a Thrust Bearing (4), another Thrust Washer (2), and the other Flanged Bushing (6b). Position this assembly into the Gear Case Housing (1), making sure the teeth of the gears

mesh. **CAUTION:** When trying to get the gears to mesh, rotate the gears to prevent possible damage to the teeth. Next, make sure the Flanged Bushings (6b) are pushed all the way into the casting to allow maximum clearance between the gear and the bushings. To complete the assembly, install the other half of the Gear Case Housing (1) with the Bushing (6a) already inserted, and tighten the Screws (7) in the order shown here.



In case of shaft binding, check for possible misalignment of the shafts or for an oversized shaft diameter. Insert Zerk Grease Fitting (7) and Fill Screw (9).

LUBRICATION: All Float-A-Shaft[®] gear boxes have been lubricated at the factory with Mobilith[®] SHC 460. **However, units require more lubrication prior to operation.** Periodic re-lubrication is also necessary for optimum performance. When re-lubricating, inject Mobilith[®] SHC 460 (maximum operating temperature of 300°F or higher and EP rated) into gear case, as required, via the grease zerk provided.

Mobilith® SHC 460 - 14 oz grease cartridge ● P/N 0100-1605

SHAFT REQUIREMENTS: Shafts should be made of power transmission steel grade 4140 or better. A tolerance of +.000/- .002 is recommended for the shaft diameters. The shaft surfaces should be 32 RMS maximum for stationary applications, and 16 RMS maximum for traversing applications. Shaft straightness should be .0015 TIR per foot.

 $Mobilith^{\circledcirc} SHC~460~is~a~registered~trademark~of~Exxon~Mobil~Corporation,~www.mobil.com~Float-A-Shaft^{\circledcirc}~is~a~registered~trademark~of~Tolomatic,~Inc.$



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