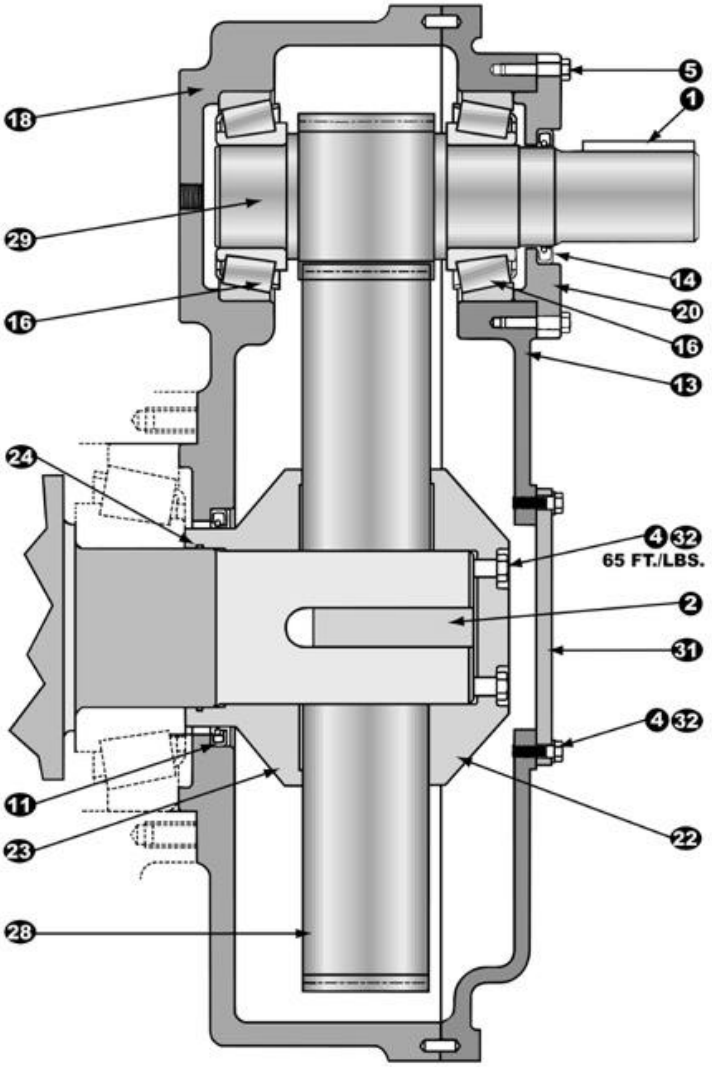
Gear Reducers

70-40070 Gear Reducer Assembly



GEAR REDUCER WITH 3.542:1 RATIO

ITEM	PART NO.	QTY.	DESCRIPTION:
28	64-40097-354	1	GEAR, 21-1/4" DIAMETER x 85 TEETH
29	64-40098-354	1	PINION, 6" DIAMETER x 24 TEETH

GEAR REDUCER WITH 4.143:1 RATIO

ITEM	PART NO.	QTY.	DESCRIPTION:
28	64-40097-414	1	GEAR, 22" DIAMETER x 87 TEETH
29	64-40098-414	1	PINION, 5-1/4" DIAMETER x 21 TEETH

GEAR REDUCER WITH 4.737:1 RATIO

ITEM	PART NO.	QTY.	DESCRIPTION:
28	64-40097-474	1	GEAR, 22-1/2" DIAMETER x 90 TEETH
29	64-40098-474	1	PINION, 4-3/4" DIAMETER x 19 TEETH

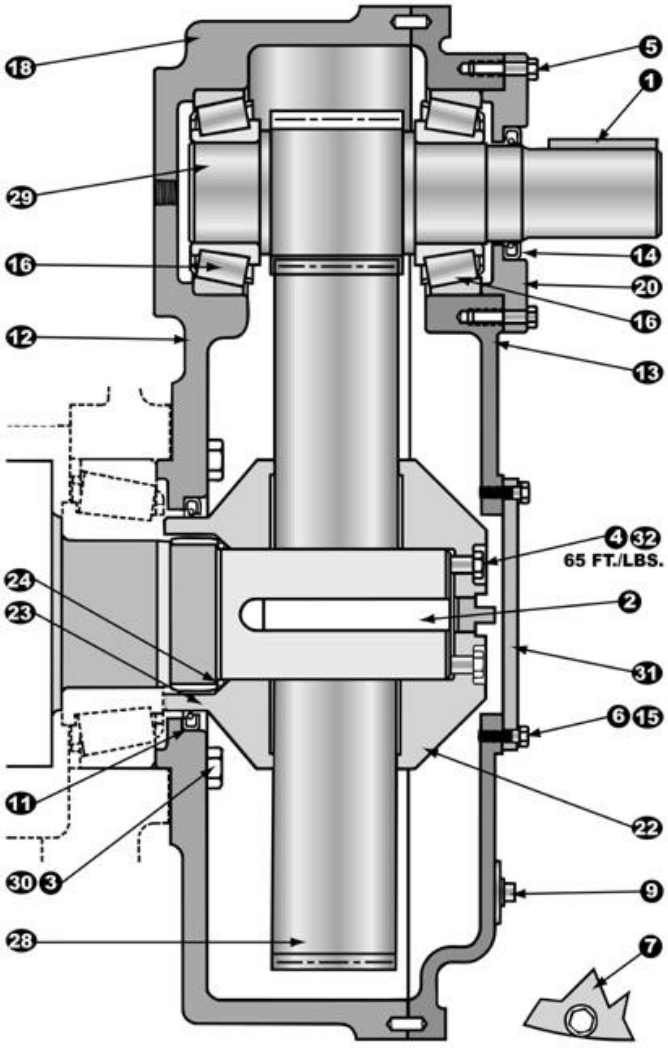
70-40070 Gear Reducer Assembly

Gear Reducers

ITEM	PART NO.	QUAN.	DESCRIPTION:
1	16-78055-001	1	KEY, 3/4" x 3/4" x 3-1/2"
2	16-78057-001	1	KEY, 1-1/4" x 1-1/4" x 4-3/8"
3	19-00390-001	2	PLUG, 1/4 NPT
4	16-40007	4	BOLT, HXHD, 1/2" - 13 x 1-3/4"
5	16-40002	6	BOLT, HXHD, 3/8" - 16 x 1-3/4"
6	16-77995	4	BOLT, HXHD, 3/8" - 16 x 1-1/4"
7	16-77088	10	BOLT, HXHD, 1/2" - 13 x 2-1/4"
11	22-40001	1	SEAL, OIL
13	22-40006	1	SHIM SET
14	22-40007	1	SEAL, OIL
15	16-15239	4	WASHER, FLAT, 3/8"
16	52-40043	2	BEARING
18	70-40088	1	BOX, TX & QF GEAR
20	70-40110	1	CAP, SEAL END
21	70-75515	1	BREATHER
22	70-40050-002	1	RETAINER
23	70-40054	1	SPACER, GEAR
24	22-13003	1	O-RING, 5-1/4", 2-250-70
31	70-40052-002	1	COVER, OIL DRIVE
32	16-15272	4	WASHER, STAR, 1/2"
38	37-77063	1	OIL LEVEL INDICATOR
39	19-00354	1	TEE, 1/2" NPT
40	19-32020	2	STREET ELBOW, 1/2" NPT
41	79-92279	1	MOUNT, OIL FILTER
42	37-03100	1	GAUGE, 0-60
43	19-33272	3	CLOSE NIPPLE, 1/2" NPT
45	16-15049	2	BOLT, HXHD, 1/4" x 3/4"
46	19-77014	2	PLUG, 1" NPT
47	19-90419	2	ADAPTER,LONG, 1/4" NPT x 9/16" JIC, 90°
51	19-90214	1	ADAPTER 90° 3/8" NPT x 9/16" JIC
52	19-33221	1	BUSHING, 1" NPT x 3/8" NPT
53	19-33025	1	BUSHING, 1/2" NPT x 1/4" NPT
54	19-90208	2	ADAPTER, 1" NPT x 1-5/16" JIC
55	19-90209	2	SWIVEL, 1-5/16" JIC
56	61-50625	20	HOSE, 1/2"
57	19-00315-001	2	NIPPLE, 1" NPT CLOSE
58	19-00314-001	2	TEE, 1" NPT
59	19-00359-001	1	BUSHING, 1/2" NPT x 3/8" NPT
61	19-90207	6	SWIVEL, 9/16" JIC
62	19-90373-001	1	MANIFOLD, TRIPLEX, DISTRIBUTION
63	413535-008	1	FLOW INDICATOR, 1/2"
64	413459-001	1	FILTER HEAD
65	413459-503	1	FILTER ELEMENT
66	55-32107	1	SWING CHECK VALVE
67	19-90316	4	SWIVEL, 7/8" JIC
68	61-50601	7 FT	HOSE, 1"
69	61-50600	9 FT	HOSE, 9/16"
70	19-90317	4	ADAPTER, 1/2" NPT x 7/8" JIC
71	19-33207	1	NIPPLE, 1" NPT x 5-1/2"
72	19-90206	3	ADAPTER, 3/8" NPT x 9/16" JIC

Gear Reducers

70-40170A Gear Reducer Assembly



GEAR REDUCER WITH 3.542:1 RATIO

ITEM	PART NO.	QTY.	DESCRIPTION:
28	64-40197-354	1	GEAR, 21-1/4" DIAMETER x 85 TEETH
29	64-40098-354	1	PINION, 6" DIAMETER x 24 TEETH

GEAR REDUCER WITH 4.143:1 RATIO

ITEM	PART NO.	QTY.	DESCRIPTION:
28	64-40197-414	1	GEAR, 22" DIAMETER x 87 TEETH
29	64-40098-414	1	PINION, 5-1/4" DIAMETER x 21 TEETH

GEAR REDUCER WITH 4.737:1 RATIO

ITEM	PART NO.	QTY.	DESCRIPTION:
28	64-40197-474	1	GEAR, 22-1/2" DIAMETER x 90 TEETH
29	64-40098-474	1	PINION, 4-3/4" DIAMETER x 19 TEETH

70-40170A Gear Reducer Assembly

Gear Reducers

ITEM	PART NO.	QUAN.	DESCRIPTION:
1	16-78055-001	1	KEY, 3/4" x 3/4" x 3-1/2"
2	16-78059-001	1	KEY, 1" x 1" x 6"
3	16-15056	6	HEX HEAD SCREW, 3/4" - 10 x 2-1/2"
4	16-15023	4	HEX HEAD SCREW, 1/2" - 13 x 1-1/2"
5	16-40002	6	HEX HEAD SCREW, 3/8" - 16 x 1-3/4"
6	16-15060	4	SCREW, HEX CAP, 3/8" - 16 x 1-1/4"
7	16-77088	10	HEX HEAD, SCREW, 1/2" - 13 x 2-1/4"
8	19-00349	2	NIPPLE, 1/2" NPT x 2-1/2"
9	19-32031	3	PLUG, 1/2" NPT
10	19-33013-001	1	UNION, 1/2" NPT
11	22-40001	1	OIL SEAL
12	22-20005	2	SHIM SET
13	22-40006	1	SHIM SET
14	22-40007	1	OIL SEAL
15	16-15239	4	WASHER, FLAT, 3/8"
16	52-40043	2	BEARING
18	70-40188	1	CASE, GEAR BOX, T/TF-450
20	70-40110	1	SEAL END CAP
21	70-75515	1	BREATHER
22	70-40150-002	1	RETAINER
23	70-40154	1	GEAR SPACER
24	22-20202	1	O-RING 4-1/2" (2-224-N552-9)
25	19-32031-002	3	PLUG, 1/2", COUNTERSUNK
30	16-40005	6	STAR WASHER, 3/4"
31	70-40052-003	1	COVER, GEAR BOX, OIL DRIVE
32	16-15272	4	STAR WASHER, 1/2"
38	37-77063	1	OIL LEVEL INDICATOR
39	19-00354	1	TEE, 1/2" NPT
40	19-32020	1	STREET ELBOW, 1/2" NPT
41	79-92279	1	MOUNT, OIL FILTER
42	37-03100	1	GAUGE, 0-60
43	19-33272	3	CLOSE NIPPLE, 1/2" NPT
45	16-15049	2	SCREW, HEX CAP 1/4" x 3/4"
46	19-77014	2	PLUG, 1" NPT
47	19-90419	1	ADAPTER, LONG, 1/4" FNPT x 9/16" JIC
48	19-33267	1	NIPPLE, 1/4" NPT x 2"
49	19-90216	1	ADAPTER, 1/4" MNPT x 9/16" JIC
50	19-90206	1	ADAPTER, 3/8" NPT x 9/16" JIC
51	19-90214	1	ADAPTER, 90° - 3/8" NPT x 9/16" JIC
52	19-33221	1	BUSHING 3/8" NPT x 1" NPT
53	19-33025	1	BUSHING, 1/2" NPT x 1/4" NPT
54	19-90208	2	ADAPTER, 1" NPT x 1-5/16" JIC
55	19-90209	2	SWIVEL, 1-5/16" JIC
56	61-50625	20	HOSE, 1/2"
57	19-00315-001	2	NIPPLE, 1" NPT CLOSE
58	19-00314-001	2	TEE, 1" NPT
59	19-00359-001	1	BUSHING, 1/2" NPT x 3/8" NPT
60	19-90263	2	ELBOW, 9/16" JIC
61	19-90207	6	SWIVEL, 9/16" JIC
62	19-90373-001	1	MANIFOLD, TRIPLEX DISTRIBUTION
63	413535-008	1	FLOW INDICATOR, 1/2"
64	413459-001	1	FILTER HEAD
65	413459-503	1	FILTER ELEMENT
66	55-32107	1	SWING CHECK VALVE
67	19-90316	4	SWIVEL, 7/8" JIC
68	61-50601	7 FT	HOSE, 1"
69	61-50600	9 FT	HOSE, 9/16"
70	19-90317	4	ADAPTER, 1/2" NPT x 7/8" JIC
71	19-33207	1	NIPPLE, 1" NPT x 5-1/2" LG
72	19-33234-003	1	NIPPLE, 3/8" NPT