



Item	Description	Qty.	Part Number
1	Adapter.....	1	512372-001
2	Bearing, Shaft.....	1	011680-001
3	Blind	1	011941-001
4	Block:		
	Standard	1	538294-001
	Low Flow.....	1	538294-002
	High Viscosity (2,000 SSU-10,000 SSU)	1	538294-041
5	Body:		
	SD-30.....	1	538259-001
	SD-30 Ductile Iron	1	538259-002
5A	Bushing	1	503377-002
6	+ Calibrator:		
	Manual	1	512059-001
	Temperature Compensated (Standard)	1	512060-001
@1	Temperature Compensated (Special Temp. or API)	1	516130-
	Dummy Calibrator.....	1	516105-001
7	Cap, Screw	1	013667-001
8	Clamp, Tube.....	1	003905-001
9	Collar	1	011327-001
10	+ Coupling, Drive.....	1	072103-002
11	Cover:		
	SD-30.....	1	538261-091
	SD-30 Ductile Iron	1	538261-092
12	Cover, Knob.....	1	003553-001
13	Cup, Oil.....	1	006588-001
14	Dowel, Cover.....	1	002372-001
15	Flange, Gland.....	1	010171-001
16	+ Gasket	1	013669-001
17	+ Gasket	1	060341-001
19	* Gasket, Cover Plate	1	003834-001
20	+ Gasket, Gland	1	010173-001
21	Gear, Calibrator Drive:		
	U.S. Gallons, 5:1 Ratio.....	1	515464-001
	Imperial Gallons, 5:1 Ratio	1	518375-001
	Dekalitres, 1:1 Ratio	1	515491-001
22	Gear, Intermediate Pinion:		
	U.S. Gallons, 5:1 Ratio.....	1	515462-001
	Imperial Gallons, 5:1 Ratio	1	518373-001
	Dekalitres, 1:1 Ratio	1	505084-001
23	Gear, Jackshaft.....	1	515483-001
24	Gear, Pinion:		
	U.S. Gallons, 5:1 Ratio.....	1	505081-001
	Imperial Gallons, 5:1 Ratio	1	505081-001
	Dekalitres, 1:1 Ratio	1	505081-001
25	+ Gland, Packing		
	Buna-N.....	1	518630-001
	Viton.....	1	518630-002
	Teflon	1	009535-001
	Brass/Viton	1	008934-001
26	Pin, 1/16 x 5/8"	1	006028-002
27	Pin, 5/64 x 1/2"	1	006053-002
28	Pin, Cotter, 1/16 x 3/8".....	2	009825-400
29	Pin, Locating.....	1	503484-001
30	* Plate, Caution.....	1	006571-001
31	Plate, Cover.....	1	003440-001
32	Plug, 1/2" NPT:		
	New Style Body	2	006505-002
	Old Style Body	1	006505-002
33	Plug, Temperature Well.....	1	012025-001

Item		Description	Qty.	Part Number
34		Rotor Assembly:		
		Standard	1	517344-001
		All Iron.....	1	517344-002
35	+	Bearing, Rotor.....	2	003784-001
36	+	Bearing, Thrust.....	1	009689-001
37	+	Blade, Upper and Lower:		
		Standard	2	502105-001
		Upper High Viscosity (2,000 SSU to 10,000 SSU)	1	502105-041
		Upper High Temperature (200°F)	1	502105-042
		Upper High Viscosity and High Temperature	1	502105-043
		Lower High Viscosity (2,000 SSU to 10,000 SSU)	1	502105-051
		Lower High Temperature (200°F).....	1	502105-052
		Lower High Viscosity and High Temperature	1	502105-053
		All Iron	2	534659-001
		All Iron Upper High Viscosity (2,000 to 10,000 SSU) .	1	534659-041
		All Iron Lower High Viscosity (2,000 to 10,000 SSU)..	1	534659-051
38	+	Bearing, Blade	2	009815-400
39		Pin, Cotter, 3/32 x 1"	2	006308-001
40		Shaft.....	2	003449-001
41		Block, Blade	4	010289-002
42		Clamp, Blade Block	4	010212-001
43		Key, Woodruff	1	006041-002
44		Arm, Locking	1	505031-002
45		Pin.....	1	002362-001
46		Plate, Rotor Gear	1	009697-001
47		Rotor:		
		Standard	1	501926-001
		High Viscosity (2,000 SSU to 10,000 SSU)	1	501926-041
48		Screw, #10-32 x 5/8"	8	008338-400
49		Screw, 1/4-20 x 3/4"	4	005061-400
50		Screw, #4-40 x 1/4"	2	006012-002
51		Screw, 5/16-18 x 1"	1	641230-403
52	+	Shaft Assembly	1	538295-001
53		Cam	1	538358-001
54		Key, Woodruff.....	1	006041-002
55		Ring, Retaining	1	640961-405
56		Shaft	1	502107-001
57		Spring, Rotor Bearing Lock.....	1	003745-001
58		Screw, #10-32 x 3/8"	2	006045-002
59		Screw, #10-24 x 3/4"	2	006481-003
60		Screw, #6-32 x 5/16"	2	006048-002
61		Screw, #10-32 x 1/2"	2	006764-002
62	*	Screw, Type U x 1/8".....	8	009880-400
63		Screw, 7/16-14 x 1"	1	014168-400
64		Screw, 5/16-18 x 1"	2	060133-002
65		Screw, 1/4-28 UNF-2A x 3/4"	1	645916-401
66		Screw, #10-32 x 7/8"	2	640835-001
67		Screw, 7/16-14 x 1-1/2"	1	642051-401
68		Screw, 3/8-16 x 1-1/8"	20	660248-405
69		Screw, Adjusting	1	013668-001
70	+	Seal, Wire, and Lead	1	001627-400
71		Spring, Rotor	1	503311-002
72		Stem Assembly, Adjusting	1	009838-001
73		Ball, 1/8" Diameter	2	006427-001
74		Plate, Base	1	003552-001
75		Plate, Retainer	1	003556-001
76		Spring, Knob	2	003557-001
77		Stem, Adjusting.....	1	003551-001
78		Stud, Pinion	1	004036-001

Item	Description	Qty.	Part Number
79	Tube, Oil	1	514658-001
80	+ Washer, Jackshaft	1	001125-001
81	Washer, Pinion	1	003599-001
82	Washer, Thrust	1	002366-001
83	R O-ring, Cover		
	Buna-n	1	640108-051
	Viton.....	1	640894-409

+ Recommended stock.

* Not illustrated.

R Indicates change since last revision.

@1 Include meter and gearing, temperature range, and API table and gravity.

The specifications contained herein are subject to change without notice and any user of said specifications should verify from the manufacturer that the specifications are currently in effect. Otherwise, the manufacturer assumes no responsibility for the use of specifications which may have been changed and are no longer in effect.

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