



Item	Description	Qty.	Part Number
1	Adapter, Calibrator Adjusting Stem	1	512372-001
2	Adapter, Counter	1	517052-001
3	+@1 Calibrator:		
	Standard	1	512059-001
	Temperature Corrected	1	512060-001
	@2 Temperature Corrected, Special Temp. or API	1	516130-xxx
	Dummy Calibrator	1	516105-001
4	Clamp, Oil Tube	1	003905-001
5	Coupling	1	517061-001
6	Pin, Groove, 1/16 x 1/2"	1	006054-002
7	Coupling, Drive	1	072103-001
8	Coupling, Input	1	014356-001
9	Cover, Knob	1	003553-001
10	Cover, Outer Housing	1	517164-001
11	Flange, Packing Gland	1	010171-001
12	Flange, Temperature Well	1	011941-001
13	Gasket, Cover Plate	1	003834-001
14	Gasket, Packing Gland	1	010173-001
15	Gasket, Temperature Well Plug	1	060341-001
16	+@3 Gear, Calibrator Drive:		
	U.S. Gallons	1	517165-001
	Dekalitres	1	533339-001
17	+@3 Gear, Idler Pinion:		
	U.S. Gallons	1	517166-001
	Dekalitres	1	533337-001
18	+ Gland, Packing:		
	Buna-N	1	518630-001
	Viton	1	518630-002
	Teflon	1	009535-001
	Brass, Viton - For Non-Ferrous Use	1	008934-001
19	Housing	1	517168-001
20	Nut, Cover, 5/8"-11 UNC-2B	24	642138-405
21	+ O-Ring, Access Plate	1	009902-400
22	+ O-Ring, Cover:		
	Buna-N	1	512320-001
	Viton	1	512320-002
	Teflon	1	645842-402
23	+ O-Ring, Packing Gland	1	640888-004
24	Oiler	1	006588-001
25	Pin, Cotter, 1/16 x 5/8"	1	641042-401
26	Pin, Groove, 1/16 x 5/8"	1	006028-002
27	Pin, Groove, 5/64 x 1/2"	1	006053-002
28	Plate, Access	1	517051-001
29	Plate, Base	1	517054-001
30	Bushing	1	519882-002
31	Shaft, Calibrator Drive Gear	1	003775-001
32	* Plate, Caution	1	006571-001
33	Plate, Cover	1	003440-001
34	+ Plate, Thrust Bearing	2	001111-001
35	Plug, Pipe, 1/2" NPT	2	006505-002
36	Plug, Temperature Well	1	012025-001
37	+ Retainer and Balls:		
	Standard	1	070360-002
	All Iron	1	070360-001
38	Ring, Retaining	1	009691-400
39	Screw, 1/2-13 x 1-3/4"	4	006169-002
40	Screw, 5/16-18 x 3/4"	2	006409-002
41	Screw, 5/16 x 18 x 1", Drilled	1	060133-002

Item	Description	Qty.	Part Number
42	Screw, Access Plate, 5/16-18 x 7/8".....	6	009563-401
43	Screw, Base Plate, #10-32 x 7/8".....	2	640835-001
44	Screw, Calibrator, #6-32 x 5/16".....	2	006048-002
45	Screw, Counter Adapter, 5/16-18 x 2".....	1	642019-415
46	Screw, Cover, 5/8-11 x 1-3/4".....	24	006156-002
47	Screw, Cover Plate, #10-32 x 3/8".....	2	006045-002
48	Screw, Knob Cover, #10-24 x 3/4", Drilled.....	2	006481-003
49	Screw, Oil Tube Clamp, #8-32 x 3/16".....	2	006449-001
50	Screw, Packing Gland Flange, #10-32 x 1/2".....	2	006764-002
51	+ Seal, Lead and Wire.....	2	001627-400
52	+ Seal, Lead and Wire.....	1	001627-403
53	Shaft Assembly, Link.....	1	517172-001
54	Pin.....	2	640780-001
55	Ring, Retaining.....	1	006076-400
56	Shaft.....	1	517064-002
57	Spring.....	1	518129-001
58	Washer.....	1	517065-001
59	Shaft, Upper, Jack.....	1	512116-001
60	Stem Assembly, Adjusting.....	1	009838-001
61	Ball.....	2	006427-001
62	Plate, Base.....	1	003552-001
63	Plate, Retainer.....	1	003556-001
64	Spring, Knob.....	2	003557-001
65	Stem, Adjusting.....	1	003551-001
66	Tube, Oil.....	1	514658-001
67	Washer, 5/16".....	3	642482-407
68	Washer, Jackshaft.....	1	001125-001
69	Washer, 17/32".....	4	065309-002

Inner Mechanism

Item	Description	Qty.	Part Number
70	+ Bearing, Thrust.....	1	641920-401
71	Block.....	1	516999-002
72	Body, Inner.....	1	512219-001
73	Cover, Inner.....	1	517182-001
74	Bushing.....	2	519882-001
75	Dowel, Locating Arm.....	1	512115-001
76	Gear and Bearing Block.....	1	517184-001
77	+ Bearing, Thrust.....	1	641920-401
78	Block, Bearing.....	1	517185-001
79	Bushing.....	2	519882-001
80	Coupling.....	1	512064-002
81	Gear, Meter.....	1	517070-001
82	Pin, Groove.....	2	006320-002
83	Ring, Snap.....	1	006076-400
84	Shaft.....	1	517084-001
85	Washer.....	1	517065-001
86	Gear, Jackshaft.....	1	517179-001
87	Gear, Meter.....	1	517070-001
88	Lug, Lifting.....	2	512002-001
89	Pin, Groove, Gear and Bearing Block, 3/16 x 3/4".....	2	007900-400
90	Pin, Groove, Meter Gear, 5/64 x 3/4".....	1	006320-002
91	Plate.....	1	512714-001
92	Ring, Retaining.....	1	064150-001
93	Rotor Assembly.....	1	517770-001
94	Arm, Locating.....	1	511965-001

Item	Description	Qty.	Part Number
95	Ball.....	1	006467-400
96	+ Bearing, Rotor.....	1	006864-001
97	+ Bearing, Rotor.....	1	516110-001
98	+ Blade, Upper and Lower:		
	Standard.....	2	517177-001
	All Iron.....	2	009763-064
99	Bearing, Blade:		
	@4 Current Style.....	2	644888-401
	Previous Style.....	2	006476-001
100	Bushing	2	003457-001
101	Pin, Cotter, 3/32 x 1"	2	006308-001
102	Shaft, Blade Bearing	2	003458-001
103	Cam and Shaft Assembly	1	517180-001
104	Cam.....	1	517000-001
105	Key	1	006158-002
106	Shaft.....	1	517181-001
107	Clamp, Roller	8	012502-001
108	Collar, Thrust.....	1	517175-001
109	Key.....	1	512715-001
110	Pin, Thrust Collar	1	008121-001
111	Plate Assembly, Rotor Gear.....	1	512318-002
112	Ring, Retaining	1	643064-402
113	Rotor	1	008081-002
114	Screw, 1/4-20 x 7/8".....	6	006100-002
115	Screw, Adjusting	1	644494-401
116	Screw, Cap, 5/16-18 x 1-1/2"	1	640994-401
117	Screw, Clamp.....	8	006025-002
118	Screw, Jam	1	641914-401
119	Spacer	1	517176-001
120	+ Spring	1	003567-002
121	Spring, Loading.....	1	641913-402
122	Screw, 1/4-20 x 7/8"	3	006100-002
123	Screw, Block, 1/2-13 x 1-1/4".....	2	006117-002
124	Screw, Cap, Cover, 5/16-18 x 1".....	8	006140-002
125	Screw, Cap, 3/8-16 x 1-1/4".....	1	641044-401

Inner Mechanism General Assembly Numbers

Standard..... 517174-091

R Indicates change since last revision.

+ Recommended stock.

@1 Note 1: For component parts to manual and temperature compensated calibrators, see Form No. P0206.*. For dummy calibrator, see Form No. P0203.*.

@2 Note 2: When ordering, include meter, gearing used, temperature range, specific or API gravity, and API table used.

@3 Note 3: Only standard gearing is shown. For special gearing options, see Gear Train Bulletin AB01023.

@4 Note 4: Use of current design bearing eliminates the need to use bushing (Item 100) which was required with previous design bearing.

* Not Illustrated.

Revisions included in P0549.05 Issue/Rev. 0.5 (3/11):
Total Revision.

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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