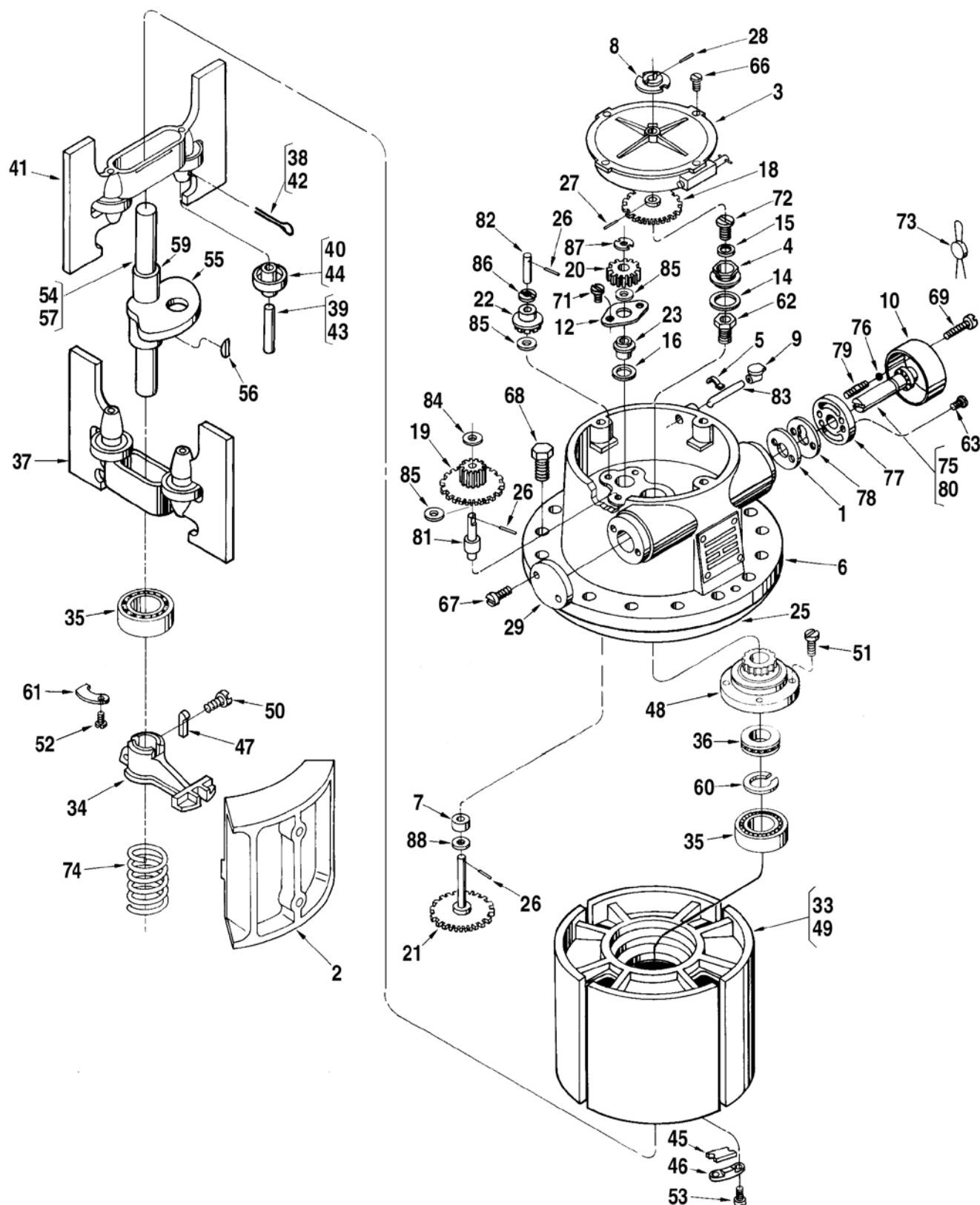
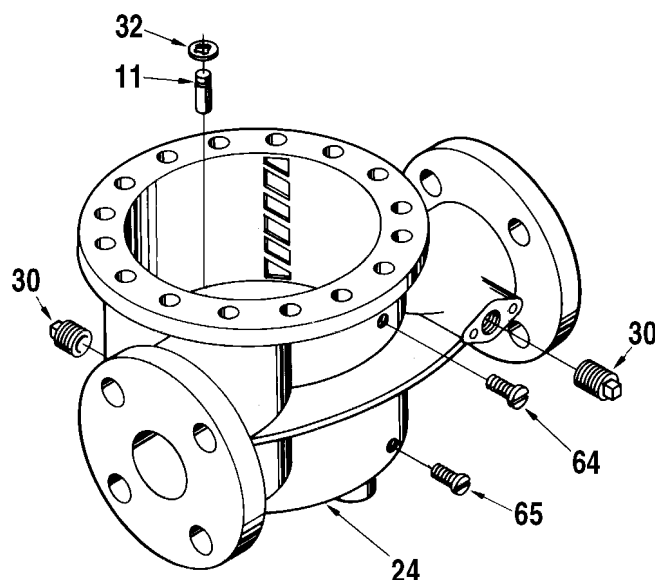
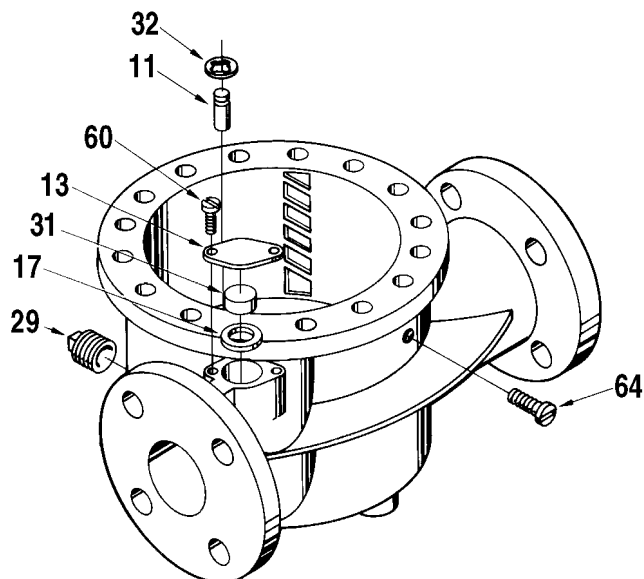




New Style



Old Style



Item	Description	Qty.	Part Number
1	Adapter, Calibrator Adjust Stem	1	512372-001
2	Block:		
	Standard	1	003824-001
	High Viscosity (2,000 to 10,000 SSU).....	1	003824-041
	High Temperature (200°F Max.).....	1	003824-001
	High Viscosity (2,000 to 10,000 SSU) and High Temperature (200°F)	1	003824-041
3	+ Calibrator:		
	Manual	1	512059-001
	Temperature Corrected (Standard)	1	512060-001
@1	Temperature Corrected (Special Temperature or API Range).....	1	516130-xxx
4	Cap, Adjusting Screw	1	013667-001
5	Clamp, Oil Tube	1	003905-001
6	Cover Assembly	1	533484-091
7	Bushing	1	011680-001
8	+ Coupling, Drive.....	1	072103-001
9	Cover, Oiler.....	1	006588-001
10	Cover, Knob.....	1	003553-001
11	Dowel, Locating Arm	1	512872-001
12	Flange, Packing Gland	1	010171-001
13	Flange, Temperature Well Plug (Old Style).....	1	011941-001
14	+ Gasket, Adjusting Screw	1	060341-001
15	+ Gasket, Adjusting Screw Cap.....	1	013669-001
16	+ Gasket, Packing Gland.....	1	010173-001
17	Gasket, Temperature Well (Old Style)	1	060341-001
18	+ Gear, Calibrator Drive:		
	U.S. Gallons	1	071926-001
	Dekalitres.....	1	071950-001
	Imperial Gallons.....	1	071947-001
19	+ Gear, Intermediate:		
	U.S. Gallons	1	071925-001
	Dekalitres.....	1	071949-001
	Imperial Gallons.....	1	071946-001
20	+ Gear, Jackshaft.....	1	071922-001
21	Gear and Jackshaft Assembly.....	1	072176-001

Item		Description	Qty.	Part Number
22		Gear, Reversing.....	1	071923-001
23	+	Gland, Packing:		
		Buna-N.....	1	518630-001
		Viton.....	1	518630-002
		PTFE ¹	1	009535-001
		Brass, Viton – for Non-Ferrous Use	1	008934-001
24		Housing:		
		Ductile Iron (Flat Faced Flanges).....	1	538263-002
		Ductile Iron (Raised Face Flanges)	1	538263-003
25	+	O-Ring, Cover:		
		Buna-N.....	1	641070-431
		Viton.....	1	641276-421
26		Pin, Cotter, 1/16 x 3/8".....	3	009825-400
27		Pin, Groove, Calibrator Drive Gear, 5/64 x 1/2".....	1	006053-002
28		Pin, Groove, Drive Coupling, 1/16 x 5/8".....	1	006028-002
29		Plate, Cover.....	1	003440-001
30		Plug, Pipe, 1/2".....	2	006505-002
31		Plug, Temperature Well (Old Style).....	1	012025-001
32		Ring, Truarc	1	065303-001
33		Rotor Assembly:		
		Standard	1	515704-001
		All Iron.....	1	515704-002
34		Arm, Locating	1	512368-001
35	+	Bearing, Rotor.....	2	516107-001
36	+	Bearing, Thrust.....	1	009712-001
37		Blade, Lower:		
		Standard	1	009523-024
		All Iron	1	009707-008
		High Viscosity (2,000 to 10,000 SSU) Standard Trim.....	1	009524-041
		High Viscosity (2,000 to 10,000 SSU) All Iron Trim	1	009707-048
		High Temperature (200°F Max.) Standard Trim.....	1	009524-042
		High Viscosity and High Temperature, Standard Trim	1	009524-043
38		Pin, Cotter, 1/16 x 5/8"	2	641042-401
39		Pin, Blade Roller	2	010666-001
40	+	Roller, Blade.....	2	011478-001
41		Blade, Upper:		
		Standard	1	009523-024
		All Iron	1	009707-008
		High Viscosity (2,000 to 10,000 SSU) Standard Trim.....	1	009523-041
		High Viscosity (2,000 to 10,000 SSU) All Iron Trim.....	1	009707-048
		High Temperature (200°F Max.) Standard Trim	1	009523-042
		High Viscosity and High Temperature, Standard Trim	1	009523-043
42		Pin, Cotter, 1/16 x 5/8"	2	641042-401
43		Pin, Blade Roller	2	010666-001
44	+	Roller, Blade.....	2	011478-001
45	+	Block, Blade	4	010289-002
46		Clamp, Blade Block	4	010212-001
47		Key, Locating Arm	1	512873-001
48		Plate, Rotor Gear.....	1	512467-001
49		Rotor, Sub Assembly:		
		Standard and All Iron.....	1	005999-002
		Ductile Iron/LPG	1	005999-042
		High Viscosity (2,000 to 10,000 SSU)	1	005999-041
		High Temperature (200°F Max.)	1	005999-002
		High Viscosity and High Temperature	1	005999-041
50		Screw, Locating Arm, 5/16-18 x 1"	1	641230-403
51		Screw, Rotor Gear Plate, #10-32 x 5/8"	4	008338-400
52		Screw, #4-40 x 1/4"	2	006012-002

¹ Polytetrafluoroethylene (PTFE).

Item		Description	Qty.	Part Number
53		Screw, #10-32 x 5/8"	8	065082-003
54		Shaft and Cam Assembly.....	1	512468-001
55		Cam.....	1	003738-001
56		Key.....	1	003753-001
57		Shaft.....	1	512344-001
58	*	Pin, Dowel, 3/16 x 1/4"	2	280660-410
59		Sleeve, Rotor.....	1	512848-001
60		Spacer, Bearing.....	1	512849-001
61		Spring, Rotor Bearing Block.....	1	003745-001
62		Screw, Adjusting	1	013668-001
63		Screw, Base Plate, #10-32 x 7/8"	2	640835-001
64		Screw, Block to Housing, 5/16-18 x 1-1/4"	1	002276-401
65		Screw, Block to Housing, 5/16-18 x 5/8".....	1	002046-400
66		Screw, Calibrator Mounting, #6-32 x 5/16"	2	006048-002
67		Screw, Cover Plate, #10-32 x 3/8"	2	006045-002
68		Screw, Cover to Housing, 3/8-16 x 1".....	16	060248-002
69		Screw, Knob Cover, #10-24 x 3/4".....	2	006481-003
70		Screw, Temperature Well (Old Style)	2	060133-002
71		Screw, #10-32 x 1/2"	2	006764-002
72		Screw, 1/4-28 UNF-2A x 3/4"	1	645916-401
73	+	Seal, Lead and Wire	1	001627-400
74		Spring, Rotor	1	003746-002
75		Stem Assembly, Adjusting	1	009838-001
76		Ball.....	2	006427-001
77		Plate, Base	1	003552-001
78		Plate, Retainer	1	003556-001
79		Spring, Knob	2	003557-001
80		Stem, Adjusting.....	1	003551-001
81		Stud	1	071924-001
82		Stud, Reversing Pinion	1	004036-001
83		Tube, Oil	1	514658-001
84		Washer	1	009614-400
85	+	Washer, Frictionless, .500 OD x .193 ID x .010 Thick	3	641985-401
86		Washer, Idler Pinion	1	003599-001
87	+	Washer, Jackshaft: 3/16" Thick	1	001125-001
		1/16" Thick	1	001125-002
88		Washer, Thrust	1	002366-001

+ Recommended stock.

R Indicates change since last revision.

@1 When ordering 516130-xxx calibrator, please advise meter model and gearing, temperature range, and API gravity and table.

Revisions included in P0538.10 Issue/Rev. 1.0 (7/11):

Total Revision: Renumbered drawing and adjusted item list.

Editorial Change: 11/13: Item 23 - material reference changed to PTFE.

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