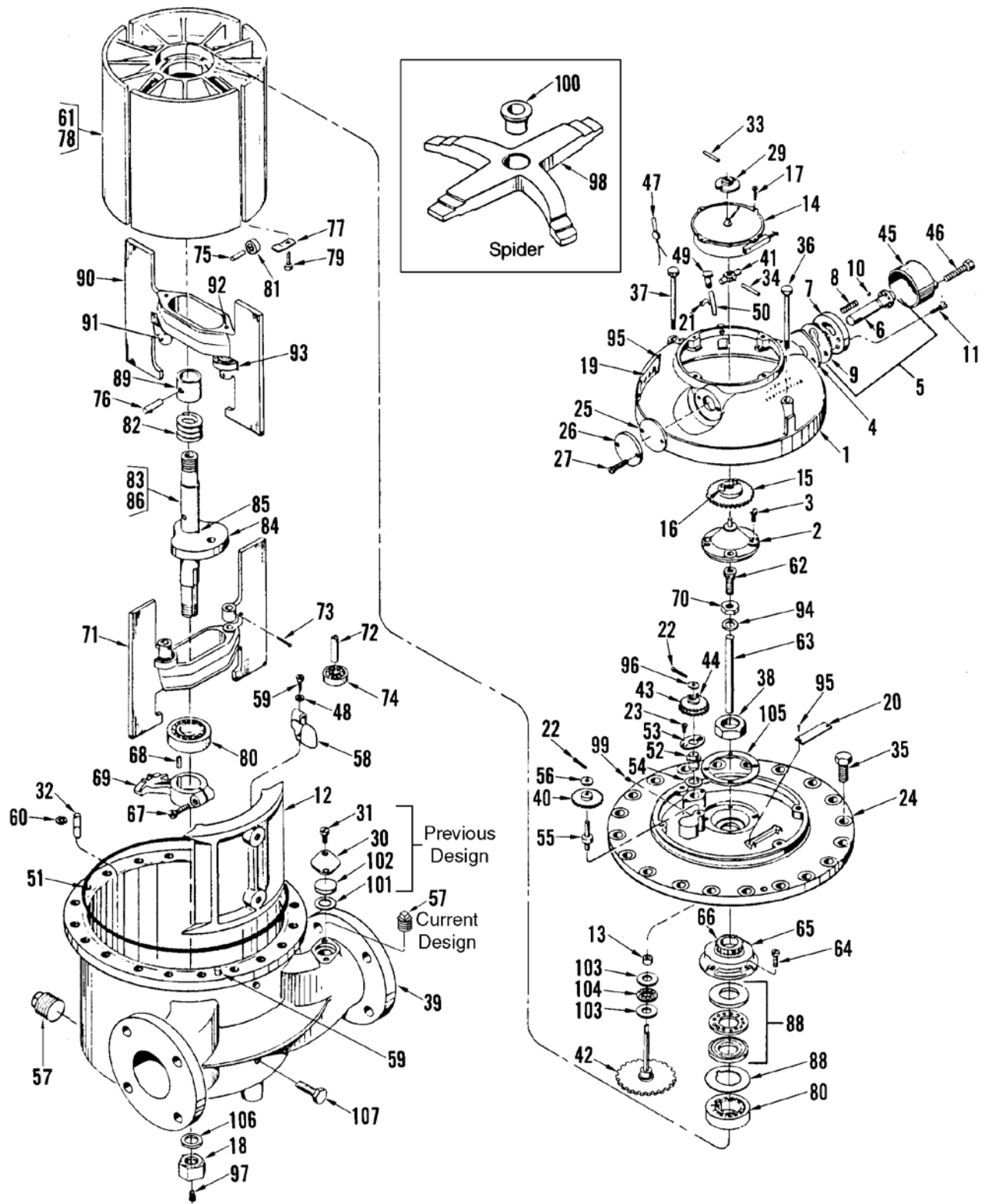


# Meter, PD Model SF-60-DI (European Meter)



| Item | Description                                          | Qty. | Part Number |
|------|------------------------------------------------------|------|-------------|
| 1    | Adaptor .....                                        | 1    | 575039-001  |
| 2    | Adjusting Screw Cap .....                            | 1    | 008159-001  |
| 3    | Adjusting Screw Cap Screw .....                      | 4    | 670011-430  |
| 4    | Adjusting Stem Adapter .....                         | 1    | 512372-001  |
| 5    | Adjusting Stem Assembly .....                        | 1    | 009838-001  |
| 6    | Adjusting Stem .....                                 | 1    | 003551-001  |
| 7    | Base Plate .....                                     | 1    | 003552-001  |
| 8    | Knob Spring .....                                    | 2    | 003557-001  |
| 9    | Retainer Plate .....                                 | 1    | 003666-001  |
| 10   | Steel Ball .....                                     | 2    | 006427-001  |
| 11   | Base Plate Screw .....                               | 2    | 670006-425  |
| 12   | Block .....                                          | 1    | 517085-003  |
| 13   | + Bushing .....                                      | 1    | 011680-001  |
| 14   | @1+ Calibrator:                                      |      |             |
|      | Standard (Manual) .....                              | 1    | 512059-001  |
|      | Temperature Corrected, Standard .....                | 1    | 612060-001  |
|      | @2 Temperature Corrected, Special Temp. or API ..... | 1    | 516130-     |
|      | Dummy .....                                          | 1    | 516105-001  |
| 15   | Calibrator Drive Gear, 44 Teeth .....                | 1    | 070728-001  |
| 16   | Pin .....                                            | 2    | 003325-001  |
| 17   | Calibrator Screw .....                               | 2    | 670002-410  |
| 18   | Cap Nut .....                                        | 1    | 670035-402  |
| 19   | Caution Plate .....                                  | 1    | 006571-001  |
| 20   | Caution Plate .....                                  | 1    | 006572-001  |
| 21   | Clamp .....                                          | 1    | 003906-001  |
| 22   | Cotter Pin .....                                     | 2    | 641042-401  |
| 23   | Counter Sunk Screw:                                  |      |             |
|      | Standard .....                                       | 2    | 670008-412  |
|      | Low Temp .....                                       | 2    | 670969-412  |
| 24   | Cover .....                                          | 1    | 577336-001  |
| 25   | + Cover Gasket .....                                 | 1    | 003834-001  |
| 26   | Cover Plate .....                                    | 1    | 003440-002  |
| 27   | Cover Plate Screw .....                              | 2    | 670006-416  |
| 28   | Dowel .....                                          | 1    | 670005-418  |
| 29   | + Drive Coupling .....                               |      | 072103-001  |
| 30   | Flange .....                                         | 1    | 011941-001  |
| 31   | Flange Screw .....                                   | 2    | 670011-425  |
| 32   | Groove Pin .....                                     | 1    | 512116-001  |
| 33   | Groove Pin .....                                     | 1    | 006028-002  |
| 34   | Groove Pin .....                                     | 1    | 006053-002  |
| 35   | Hex Head Cap Screw .....                             | 20   | 670967-440  |
| 36   | Hex Head Cap Screw .....                             | 1    | 670024-495  |
| 37   | Hex Head Cap Screw, Drilled .....                    | 1    | 670047-495  |
| 38   | Hex Nut .....                                        | 1    | 670032-403  |
| 39   | Housing, SF:                                         |      |             |
|      | DIN flanges .....                                    | 1    | 577335-001  |
|      | ANSI Flanges, FF .....                               | 1    | 577335-002  |
|      | ANSI Flanges, RF .....                               | 1    | 577335-003  |
| 40   | Idler Pinion, 46 Teeth .....                         | 1    | 008249-001  |
| 41   | + Input Coupling .....                               | 1    | 014356-001  |
| 42   | Jackshaft and Gear, 72 Teeth .....                   | 1    | 575052-002  |
| 43   | Jackshaft Pinion Gear, 64/46 Teeth .....             | 1    | 072056-001  |
| 44   | Pin .....                                            | 2    | 001126-001  |
| 45   | Knob Cover .....                                     | 1    | 003553-001  |
| 46   | Knob Cover Screw .....                               | 2    | 006481-003  |
| 47   | Lead, Seal, and Wire .....                           | 2    | 001627-400  |
| 48   | Lockwasher .....                                     | 2    | 670040-403  |

| Item |   | Description                 | Qty. | Part Number |
|------|---|-----------------------------|------|-------------|
| 49   |   | Oil Cup .....               | 1    | 006588-001  |
| 50   | R | Oil Tube .....              | 1    | 514658-001  |
| 51   | + | O-Ring:                     |      |             |
|      |   | Buna .....                  | 1    | 575054-001  |
|      |   | Viton.....                  | 1    | 575054-002  |
| 52   | + | Packing Gland:              |      |             |
|      |   | Buna-N .....                | 1    | 518630-001  |
|      |   | Viton.....                  | 1    | 518630-002  |
|      |   | PTFE <sup>1</sup> .....     | 1    | 009535-001  |
| 53   |   | Packing Gland Flange:       |      |             |
|      |   | Standard .....              | 1    | 010171-001  |
|      |   | Low Temp .....              | 1    | 577440-001  |
| 54   |   | Packing Gland Gasket.....   | 1    | 010173-001  |
| 55   |   | Pinion Shaft .....          | 1    | 070139-001  |
| 56   |   | Pinion Washer .....         | 1    | 003599-001  |
| 57   | R | Pipe Plug:                  |      |             |
|      |   | Standard .....              | 2    | 577666-002  |
|      |   | Low Temp .....              | 2    | 577666-007  |
| 58   |   | Pitot .....                 | 1    | 072186-001  |
| 59   |   | Pitot Screw .....           | 2    | 670009-410  |
| 60   |   | Retainer Ring .....         | 1    | 064150-001  |
| 61   |   | Rotor Assembly:             |      |             |
|      |   | Standard .....              | 1    | 575090-001  |
|      |   | Load Rack.....              | 1    | 575090-071  |
|      |   | All Iron.....               | 1    | 575091-001  |
| 62   |   | Adjusting Screw.....        | 1    | 670028-425  |
| 63   |   | Extension Pin .....         | 1    | 575057-001  |
| 64   |   | Fillister Head Screw .....  | 4    | 006100-002  |
| 65   |   | Gear Plate Assembly.....    | 1    | 512112-001  |
| 66   |   | Gear Only .....             | 1    | 011684-001  |
| 67   |   | Hex Head Socket Screw ..... | 1    | 006511-002  |
| 68   |   | Key .....                   | 1    | 512715-001  |
| 69   |   | Locating Arm .....          | 1    | 511945-001  |
| 70   |   | Lock Nut .....              | 1    | 670032-402  |
| 71   |   | Lower Blade Assembly:       |      |             |
|      |   | Standard .....              | 1    | 008901-001  |
|      |   | Load Rack .....             | 1    | 008901-801  |
|      |   | All Iron.....               | 1    | 009441-042  |
| 72   |   | Pin, Blade Roller .....     | 2    | 003449-001  |
| 73   |   | Cotter Pin .....            | 2    | 006308-001  |
| 74   | + | Roller, Blade:              |      |             |
|      |   | Standard .....              | 2    | 065109-001  |
|      |   | Load Rack .....             | 2    | 644412-402  |
| 75   |   | Pin .....                   | 4    | 001634-001  |
| 76   |   | Pin .....                   | 1    | 008251-001  |
| 77   |   | Roller Clamp .....          | 8    | 011226-001  |
| 78   |   | Rotor .....                 | 1    | 008253-002  |
| 79   |   | Screw.....                  | 8    | 006100-002  |
| 80   | + | Rotor Bearing:              |      |             |
|      |   | Standard .....              | 2    | 516109-001  |
|      |   | Load Rack .....             | 2    | 516109-002  |
| 81   | + | Rotor Cover Roller:         |      |             |
|      |   | Standard .....              | 4    | 011681-001  |
|      |   | Load Rack .....             | 4    | 514751-001  |
| 82   |   | Rotor Spring .....          | 1    | 002198-002  |

<sup>1</sup> Polytetrafluoroethylene (PTFE).

| Item |   | Description                   | Qty. | Part Number |
|------|---|-------------------------------|------|-------------|
| 83   | + | Shaft and Cam Assembly .....  | 1    | 575053-001  |
| 84   |   | Cam .....                     | 1    | 517019-001  |
| 85   |   | Key .....                     | 1    | 005535-800  |
| 86   |   | Shaft .....                   | 1    | 575056-001  |
| 87   |   | Spacer .....                  | 1    | 512075-001  |
| 88   | + | Thrust Bearing:               |      |             |
|      |   | Standard .....                | 1    | 006519-001  |
|      |   | Load Rack .....               | 1    | 504658-001  |
| 89   |   | Thrust Bearing Collar .....   | 1    | 512074-001  |
| 90   |   | Upper Blade Assembly:         |      |             |
|      |   | Standard .....                | 1    | 008900-001  |
|      |   | Load Rack .....               | 1    | 008900-801  |
|      |   | All Iron .....                | 1    | 009441-042  |
| 91   |   | Cotter Pin .....              | 2    | 006308-001  |
| 92   |   | Pin, Blade Roller .....       | 2    | 003449-001  |
| 93   | + | Roller, Blade .....           | 2    | 065109-001  |
|      |   | Standard .....                | 2    | 065109-001  |
|      |   | Load Rack .....               | 2    | 644412-402  |
| 94   |   | Washer .....                  | 1    | 670041-402  |
| 95   |   | Round Head Groove Pin .....   | 10   | 670000-408  |
| 96   | + | Shear Washer .....            | 1    | 001125-001  |
| 97   |   | Slotted Set Screw .....       | 1    | 670029-406  |
| 98   |   | Spider .....                  | 1    | 516854-001  |
| 99   |   | Socket Hex Set Screw .....    | 1    | 670026-408  |
| 100  |   | Spider Bushing .....          | 1    | 516854-005  |
| 101  | + | Temperature Well Gasket ..... | 1    | 060341-001  |
| 102  |   | Temperature Well Plug .....   | 1    | 012025-001  |
| 103  | + | Thrust Bearing Plate .....    | 2    | 001111-001  |
| 104  | + | Thrust Bearing Retainer ..... | 1    | 070360-001  |
| 106  | + | Top Gasket .....              | 1    | 002033-001  |
| 106  |   | Washer .....                  | 1    | 670020-425  |
| 107  |   | Hex Head Cap Screw .....      | 1    | 670506-435  |

R Indicates change since last revision.

+ Recommended stock.

@1 See Form No. PO01028 for component parts.

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

### General Assemblies

|                    |            |
|--------------------|------------|
| DIN Flanges, PN 16 |            |
| Standard .....     | 577384-021 |
| ANSI Flanges, FF   |            |
| Standard .....     | 577385-021 |
| ANSI Flanges, RF   |            |
| Standard .....     | 577386-021 |

Publication P0559.05EX has been made obsolete and replaced with publication PO01049E. (August 2013).

**Editorial Change:** 11/13: Item 52 - material reference changed to PTFE.

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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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