

# AMIAD Water Systems

Spare parts catalog  
SAF Filters online order  
**Amiad**



## AMIAD Water Systems

### Spare Parts Catalog List

### SAF Filters

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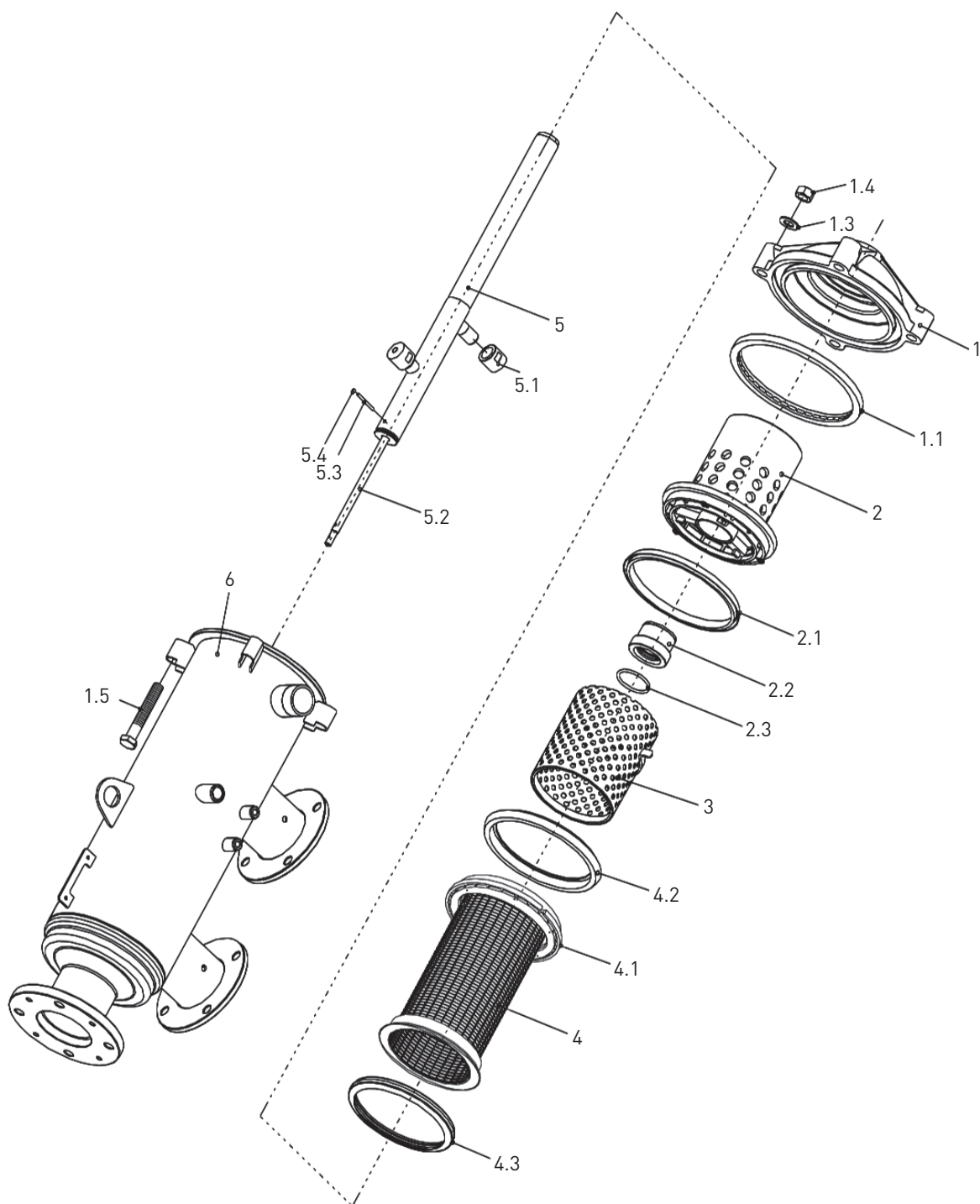
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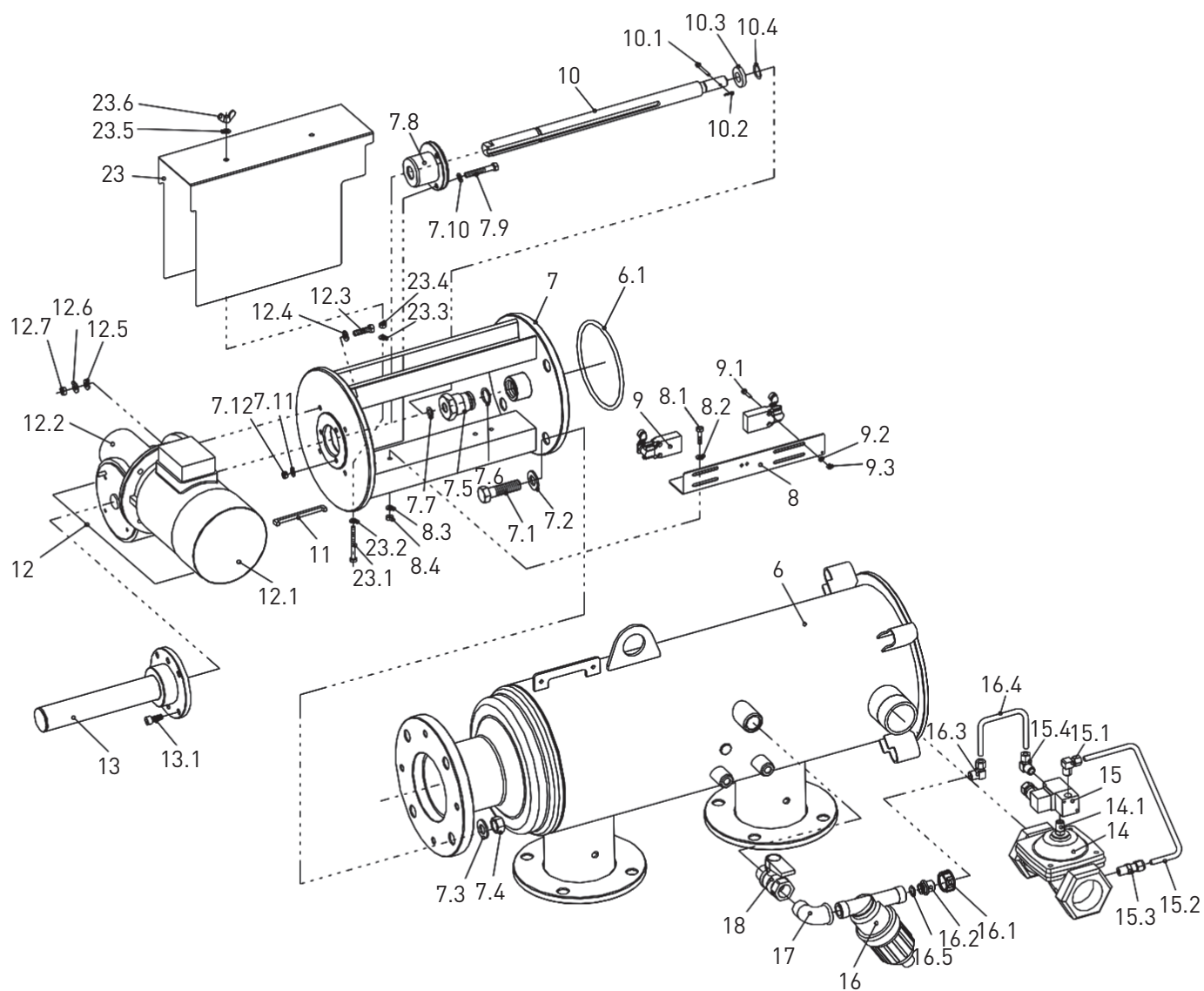
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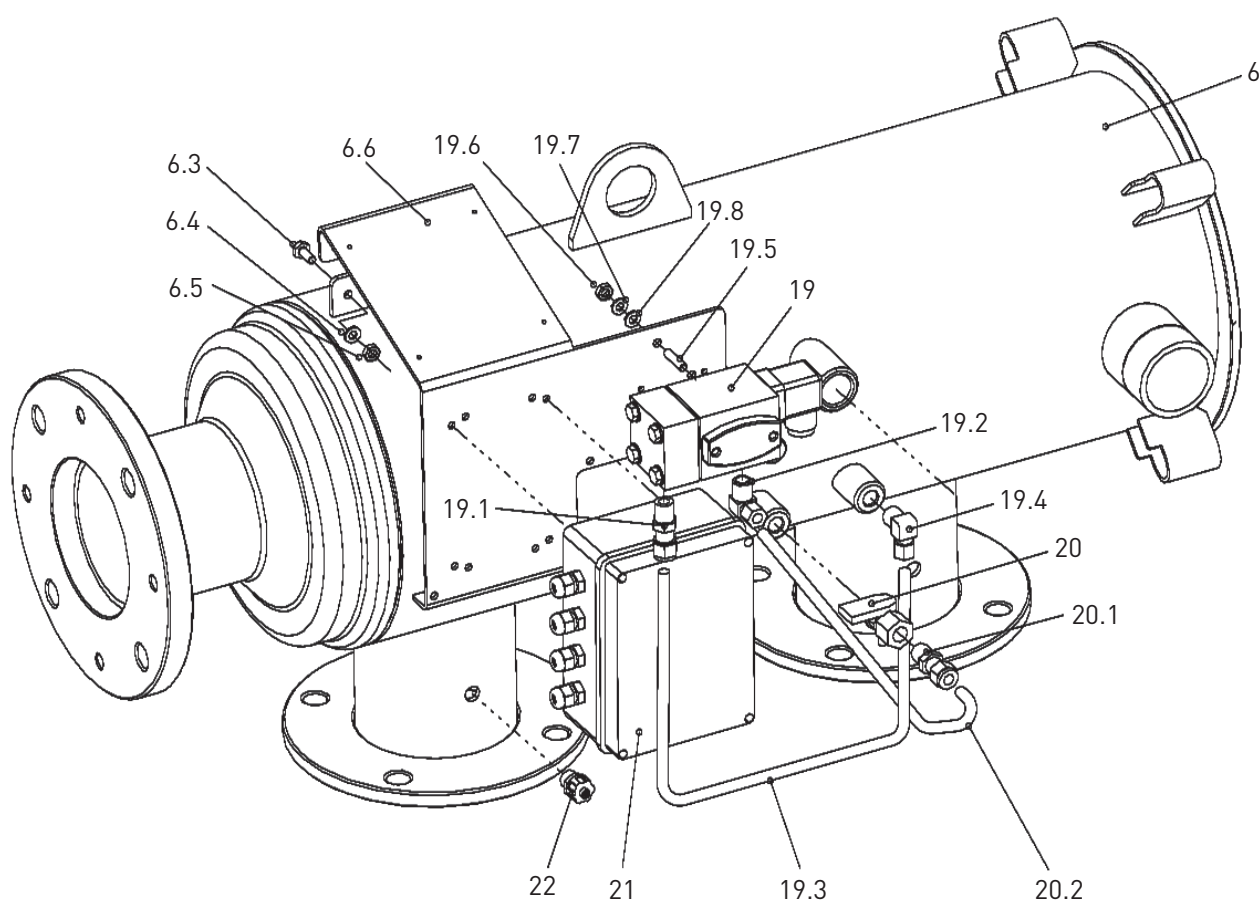
## SAF-1500 – DRAWINGS - 1



## SAF-1500 – DRAWINGS - 2



## SAF-1500 – DRAWINGS - 3



## SAF-1500 FILTER PARTS SCHEDULE

| NO. | DESCRIPTION                                        | SAP. CAT.NO.  |
|-----|----------------------------------------------------|---------------|
| 1   | Lid Polyester SAF-3000                             | 710103-002151 |
| 1.1 | Hydraulic Seal AM-07 (Polyester Lid)               | 770104-000089 |
| 1.3 | Flat Washer M20 Din125 ZINC Plated C/ST            | 760103-000070 |
| 1.4 | HEX NUT M20 ZINC Plated C/ST Din934                | 760102-000068 |
| 1.5 | HEX Bolt Partial Thread M20 x 130 ZINC Plated C/ST | 760101-000361 |
| 2   | Flushing Chamber (SAF-1500)                        | 700190-002281 |
| 2.1 | Seal AM-01 Flushing Chamber SAF-3000+ACE           | 770104-000068 |
| 2.2 | Suction Scanner Bearing SAF-1500                   | 710103-002063 |
| 2.3 | O-Ring Seal P2-328 NBR                             | 770102-000142 |
| 3   | SAF-1500/3000 Coarse Screen                        | 700101-000932 |
| 4   | SAF-1500 Screen                                    | 700101-XXXXXX |
| 4.1 | Screen Centering Ring Assy (SAF-1500)              | 700190-002285 |
| 4.2 | Hydraulic Seal AM-02 Housing SAF-3000+ACE          | 770104-000069 |
| 4.3 | Shaped Seal Hyd. AM-05 8" MT. Screen NBR           | 770104-000080 |
| 5   | Suction Scanner Assembly Improved SAF-1500         | 700190-002328 |
| 5.1 | Suction Scanner Nozzle SAF-1500                    | 710103-002065 |
| 5.2 | Suction Scanner Shaft SAF-1500                     | 710103-002068 |
| 5.3 | Pin for Shaft (SAF-1500) 35 x 5 S/ST               | 710103-002091 |
| 5.4 | Plug Threaded M8 for SAF-6000 PRO                  | 710103-002501 |
| 6   | Housing SAF-1500                                   | 710105-XXXXXX |
| 6.1 | O-Ring P2-433 Drive Unit Adaptor EBS/SAF NBR       | 770102-000168 |
| 6.6 | Instrumentation Combined Bracket SAF               | 710103-002074 |
| 6.3 | HEX Bolt Full Thread M6 x 20 S/ST304 Din933        | 760101-000444 |

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## SAF-1500 FILTER PARTS SCHEDULE (Continued)

| NO.  | DESCRIPTION                                       | SAP. CAT.NO.  |
|------|---------------------------------------------------|---------------|
| 6.4  | Flat Washer M6 Din125 S/ST316                     | 760103-000094 |
| 6.5  | HEX NUT M6 S/ST316 Din934                         | 760102-000085 |
| 6.6  | Slotted Pin 10 x 30 Din1481 S/ST304               | 760105-000026 |
| 7    | Drive Shaft Housing SAF-1500/3000 EP PKPK-3002    | 710105-001021 |
| 7.1  | HEX Bolt Partial Thread M16 x 60 ZINC Plated C/ST | 760101-000328 |
| 7.2  | Flat Washer M16 Din125 ZINC Plated C/ST           | 760103-000069 |
| 7.3  | Flat Washer M16 Din125 ZINC Plated C/ST           | 760103-000069 |
| 7.4  | HEX NUT M16 ZINC Plated C/ST Din934               | 760102-000067 |
| 7.5  | Tightening NUT SAF-1500/3000/4500                 | 710103-002162 |
| 7.6  | O-Ring Seal 24 x 3 Tightening NUT SAF NBR "S"     | 770101-000031 |
| 7.7  | O-Ring Seal 14 x 3 NBR "S"                        | 770101-000027 |
| 7.8  | Drive Bushing SAF                                 | 710103-002233 |
| 7.9  | HEX Bolt Full Thread M6 x 35 S/ST304 Din933       | 760101-000447 |
| 7.1  | Flat Washer M6 Din125 S/ST316                     | 760103-000094 |
| 7.11 | Flat Washer M6 Din125 S/ST316                     | 760103-000094 |
| 7.12 | Nylon Insert Lock NUT M6 S/ST304 Din985           | 760102-000101 |
| 8    | HD Limit Switch Sling SAF                         | 710103-002309 |
| 8.1  | HEX Bolt Full Thread M6 x 20 S/ST304 Din933       | 760101-000444 |
| 8.2  | Flat Washer M6 Din125 S/ST316                     | 760103-000094 |
| 8.3  | Flat Washer M6 Din125 S/ST316                     | 760103-000094 |
| 8.4  | HEX NUT M6 S/ST316 Din934                         | 760102-000085 |
| 9    | Limit Switch NC (EBS, SAF) FA 4131-2DN            | 720302-000004 |
| 9.1  | Phillips Pan Machine Screw M4 x 20 304            | 760101-000511 |

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## SAF-1500 FILTER PARTS SCHEDULE (Continued)

| NO.  | DESCRIPTION                                   | SAP. CAT.NO.  |
|------|-----------------------------------------------|---------------|
| 9.2  | Flat Washer M4 Din125 S/ST304                 | 760103-000092 |
| 9.3  | Nylon Insert Lock NUT M4 S/ST304 Din985       | 760102-000099 |
| 10   | Drive Shaft SAF-1500/3000/4500                | 710103-002164 |
| 10.1 | Connecting Pin SAF-1500/3000/4500             | 710103-002165 |
| 10.2 | Split Pin 1.6 x 12 Din 94 S/ST316             | 760105-000030 |
| 10.3 | Limit Switch Plate SAF HD                     | 710103-002308 |
| 10.4 | External Retaining Ring 17MM S/ST304 Din471   | 760106-000022 |
| 11   | Drive Shaft Key SAF                           | 710103-002237 |
| 12   | Drive Unit 440AC 3PH 0.18KW RMI50 1/28 63 B5  | 720201-000030 |
| 12.1 | Motor 480V AC 50/60HZ 0.18KW 1400RPM IP56     | 720203-000033 |
| 12.2 | Gear RMI50 1/28 63                            | 720202-000019 |
| 12.3 | HEX Bolt Full Thread M8 x 40 ZINC Plated C/ST | 760101-000308 |
| 12.4 | Flat Washer M8 Din125 ZINC Plated C/ST        | 760103-000075 |
| 12.5 | Flat Washer M8 Din125 ZINC Plated C/ST        | 760103-000075 |
| 12.6 | Spring Washer M8 Din127 ZINC Plated C/ST      | 760103-000085 |
| 12.7 | HEX NUT M8 ZINC Plated C/ST Din934            | 760102-000063 |
| 13   | Drive Shaft Cover (PVC) SAF                   | 700190-002427 |
| 13.1 | Socket Head Cap Screw M8 x 20 S/ST304         | 760101-000522 |
| 14   | Hydraulic Valve 2" (GAL) Red                  | 730103-000467 |
| 14   | 2" Bermad Hydraulic Valve (RAM) BSP Red       | 730103-000466 |
| 15   | Solenoid Valve 24VAC, 50HZ, NO (GEM-SOL)      | 720103-000177 |
| 15   | Solenoid Valve 24VAC NO ASCO Red Hat          | 720103-000182 |
| 15.1 | L-Connector 5/16" x 1/4" 69F Brass            | 720501-000202 |

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## SAF-1500 FILTER PARTS SCHEDULE (Continued)

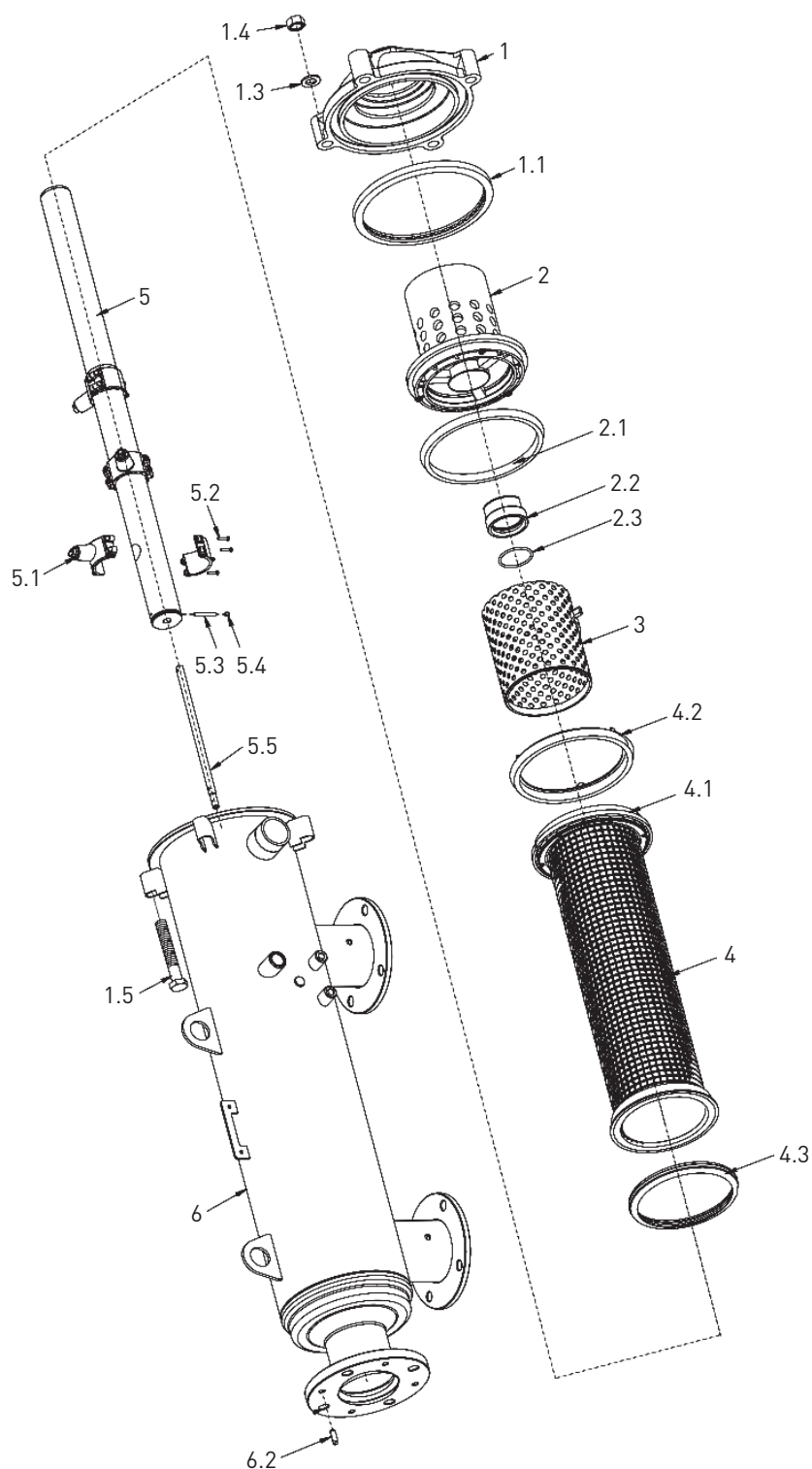
| NO.  | DESCRIPTION                                | SAP. CAT.NO.  |
|------|--------------------------------------------|---------------|
| 15.2 | Control Tube 5/16" PA Air Brake w/Inserts  | 720502-000022 |
| 15.3 | Connector 5/16" x 1/4" 68F Brass           | 720501-000206 |
| 15.4 | L-Connector 5/16" x 1/8" 69F Nickel Plated | 720501-000204 |
| 15.4 | L-Connector 5/16" x 1/4" 69F Brass         | 720501-000202 |
| 16   | 3/4" BSPT AC Black Screen 200 Mic          | 010000-000042 |
| 16.1 | Raccord NUT 3/4" for 3/4" Filter           | 710103-002570 |
| 16.2 | Raccord Nipple 1/4" for 3/4" Filter        | 710103-002569 |
| 16.3 | L-Connector 5/16" x 1/4" 69F Brass         | 720501-000202 |
| 16.4 | Control Tube 5/16" PA Air Brake w/Inserts  | 720502-000022 |
| 16.5 | O-Ring Seal P2-112 NBR "S"                 | 770102-000082 |
| 17   | L-Connector 3/4" F/M Galvanized            | 780101-000789 |
| 18   | Ball Valve 3/4" M/F (Brass/Ni)             | 730104-000220 |
| 19   | PD Switch Midwest                          | 720104-000028 |
| 19.1 | Connector 5/16" x 1/8" 68F Brass           | 720501-000213 |
| 19.2 | L-Connector 5/16" x 1/8" 69F Nickel Plated | 720501-000204 |
| 19.3 | Control Tube 5/16" PA Air Brake w/Inserts  | 720502-000022 |
| 19.4 | L-Connector 5/16" x 1/4" 69F Brass         | 720501-000202 |
| 19.5 | Socket Set Screw M6 x 25 S/ST304 Din916    | 760101-000545 |
| 19.6 | HEX NUT M6 S/ST316 Din934                  | 760102-000085 |
| 19.7 | Spring Washer M6 Din127 S/ST316            | 760103-000109 |
| 19.8 | Flat Washer M6 Din125 S/ST316              | 760103-000094 |
| 20   | Manometer Valve 1/4" w/Drain               | 700190-002336 |
| 20.1 | Connector 5/16" x 1/4" 68F Brass           | 720501-000206 |

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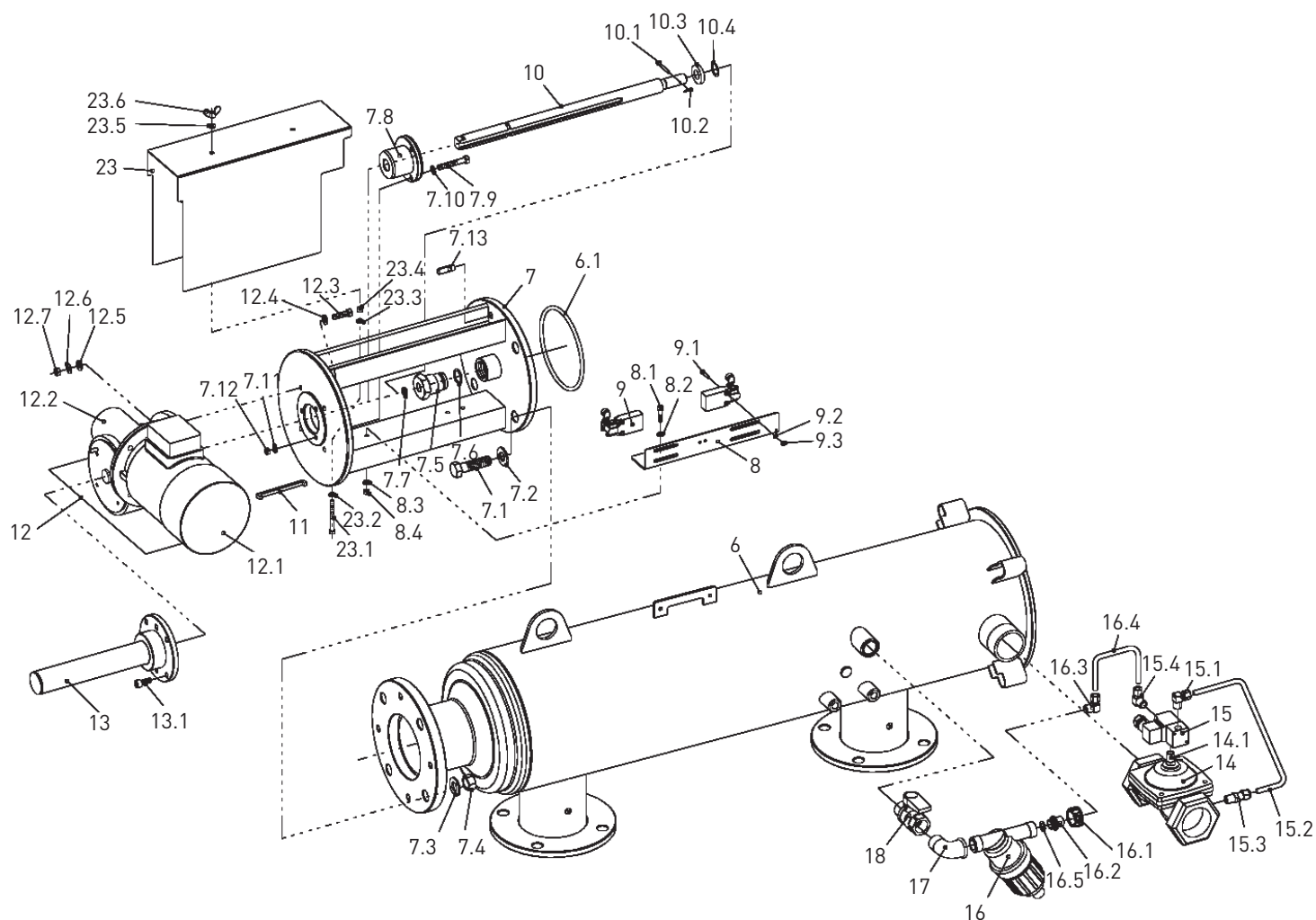
## SAF-1500 FILTER PARTS SCHEDULE (Continued)

| NO.  | DESCRIPTION                                 | SAP. CAT.NO.  |
|------|---------------------------------------------|---------------|
| 20.2 | Control Tube 5/16" PA Air Brake w/Inserts   | 720502-000022 |
| 21   | Electrical Junction Box (SAF)               | 700190-002421 |
| 22   | Pressure Check Point -Complete (Steel)      | 700190-001306 |
| 23   | Red Drive Shaft Housing Cover SAF-1500-4500 | 710105-001189 |
| 23.1 | HEX Bolt Full Thread M6 x 60 S/ST304 Din933 | 760101-000450 |
| 23.2 | Flat Washer M6 Din125 S/ST316               | 760103-000094 |
| 23.3 | Flat Washer M6 Din125 S/ST316               | 760103-000094 |
| 23.4 | HEX NUT M6 S/ST316 Din934                   | 760102-000085 |
| 23.5 | Flat Washer M6 Din125 S/ST316               | 760103-000094 |
| 23.6 | Wing NUT M6 S/ST304 Din315                  | 760102-000107 |

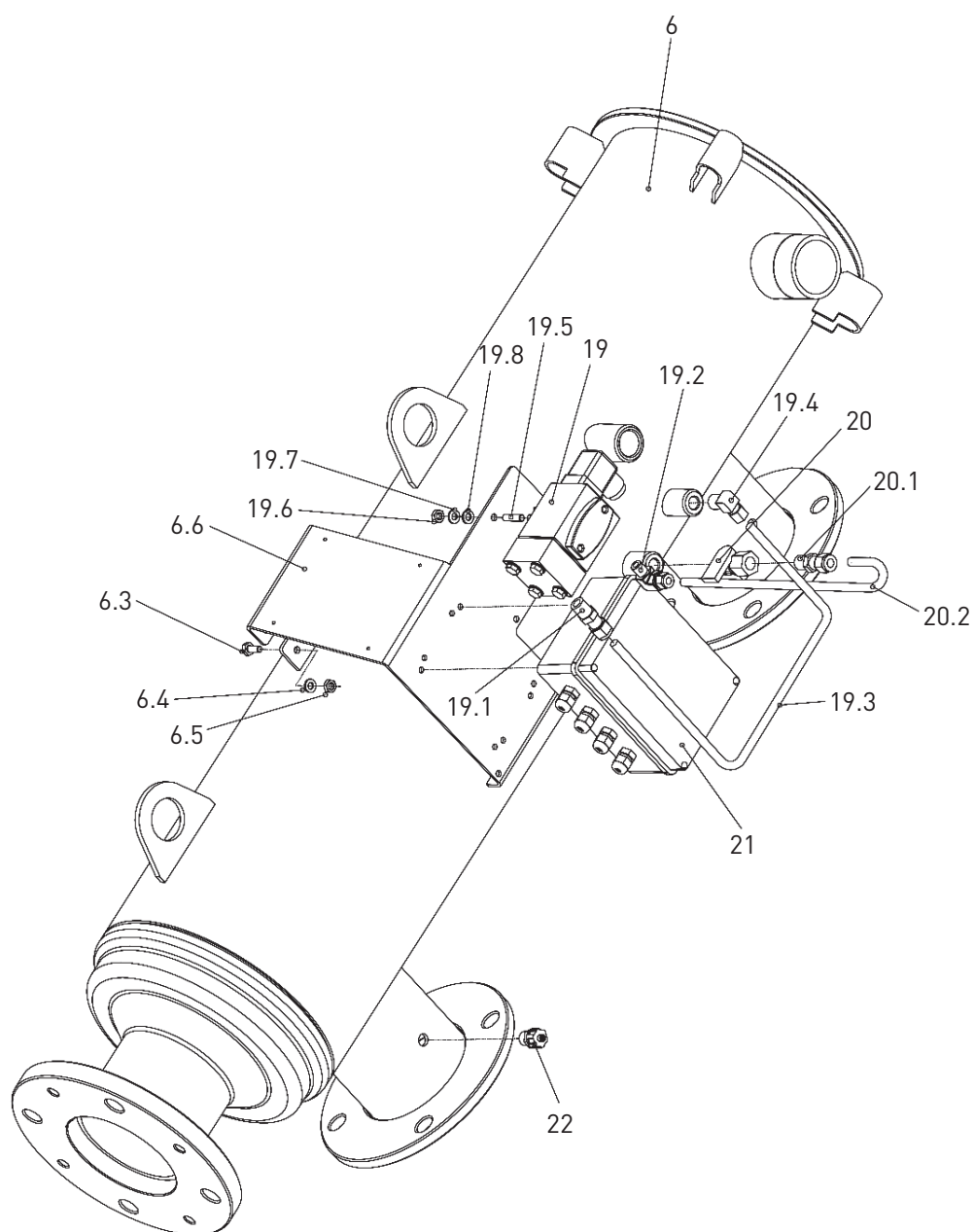
## SAF- 3000 – DRAWINGS - 1



## SAF- 3000 – DRAWINGS - 2



## SAF- 3000 – DRAWINGS - 3



## SAF-3000 FILTER PARTS SCHEDULE

| NO. | DESCRIPTION                                        | SAP. CAT.NO.  |
|-----|----------------------------------------------------|---------------|
| 1   | Lid Polyester SAF-3000                             | 710103-002151 |
| 1.1 | Hydraulic Seal AM-07 (Polyester Lid)               | 770104-000089 |
| 1.3 | Flat Washer M20 Din125 ZINC Plated C/ST            | 760103-000070 |
| 1.4 | HEX NUT M20 ZINC Plated C/ST Din934                | 760102-000068 |
| 1.5 | HEX Bolt Partial Thread M20 x 130 ZINC Plated C/ST | 760101-000361 |
| 2   | Flushing Chamber (SAF-3000)                        | 700190-002332 |
| 2.1 | Seal AM-01 Flushing Chamber SAF-3000+ACE           | 770104-000068 |
| 2.2 | Suction Scanner Bearing SAF-3000                   | 710103-002117 |
| 2.3 | O-Ring 60 x 4 SAF-6000 Flushing Chamber NBR "S"    | 770101-000040 |
| 3   | SAF-1500/3000 Coarse Screen                        | 700101-000932 |
| 4   | SAF-3000 Screen                                    | 700101-XXXXXX |
| 4.1 | Screen Centering Ring SAF-3000                     | 710103-002095 |
| 4.2 | Hydraulic Seal AM-02 Housing SAF-3000+ACE          | 770104-000069 |
| 4.3 | Shaped Seal Hydraulic AM-05 8" MT. Screen NBR      | 770104-000080 |
| 5   | Suction Scanner Assembly Improved SAF-3000         | 700190-002385 |
| 5.1 | Suction Scanner Nozzle Complete SAF-1500/3000/4500 | 710101-000922 |
| 5.2 | Phillips Pan Tap Screw PT 4 x 20 S/ST316           | 760101-000537 |
| 5.3 | Pin 5 x 45 S/ST316                                 | 710103-002520 |
| 5.4 | Plug Threaded M8 for SAF-6000 PRO                  | 710103-002501 |
| 5.5 | Suction Scanner Shaft SAF-3000                     | 710103-002125 |
| 6   | Housing SAF-3000                                   | 710105-XXXXXX |
| 6.1 | O-Ring P2-433 Drive Unit Adaptor EBS/SAF NBR       | 770102-000168 |
| 6.3 | Slotted Pin 10 x 30 Din1481 S/ST304                | 760105-000026 |

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## SAF-3000 FILTER PARTS SCHEDULE (Continued)

| NO.  | DESCRIPTION                                       | SAP. CAT.NO.  |
|------|---------------------------------------------------|---------------|
| 6.4  | HEX Bolt Full Thread M6x20 S/ST304 Din933         | 760101-000444 |
| 6.5  | Flat Washer M6 Din125 S/ST316                     | 760103-000094 |
| 6.6  | HEX NUT M6 S/ST316 Din934                         | 760102-000085 |
| 7    | Instrumentation Combined Bracket SAF              | 710103-002074 |
| 7.1  | Drive Shaft Housing SAF-1500/3000 Red 3002        | 710105-001021 |
| 7.2  | HEX Bolt Partial Thread M16 x 60 ZINC Plated C/ST | 760101-000328 |
| 7.3  | Flat Washer M16 Din125 ZINC Plated C/ST           | 760103-000069 |
| 7.4  | Flat Washer M16 Din125 ZINC Plated C/ST           | 760103-000069 |
| 7.5  | HEX NUT M16 ZINC Plated C/ST Din934               | 760102-000067 |
| 7.6  | Tightening NUT SAF-1500/3000/4500                 | 710103-002162 |
| 7.7  | O-Ring Seal 24 x 3 Tightening NUT SAF NBR "S"     | 770101-000031 |
| 7.8  | O-Ring Seal 14 x 3 NBR "S"                        | 770101-000027 |
| 7.9  | Drive Bushing SAF                                 | 710103-002233 |
| 7.1  | HEX Bolt Full Thread M6 x 35 S/ST304 Din933       | 760101-000447 |
| 7.11 | Flat Washer M6 Din125 S/ST316                     | 760103-000094 |
| 7.12 | Flat Washer M6 Din125 S/ST316                     | 760103-000094 |
| 8    | Nylon Insert Lock NUT M6 S/ST304 Din985           | 760102-000101 |
| 8.1  | HD Limit Switch Sling SAF                         | 710103-002309 |
| 8.2  | HEX Bolt Full Thread M6 x 20 S/ST304 Din933       | 760101-000444 |
| 8.3  | Flat Washer M6 Din125 S/ST316                     | 760103-000094 |
| 8.4  | Flat Washer M6 Din125 S/ST316                     | 760103-000094 |
| 9    | HEX NUT M6 S/ST316 Din934                         | 760102-000085 |
| 9.1  | Limit Switch NC (EBS, SAF) FA 4131-2DN            | 720302-000004 |

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## SAF-3000 FILTER PARTS SCHEDULE (Continued)

| NO.  | DESCRIPTION                                      | SAP. CAT.NO.  |
|------|--------------------------------------------------|---------------|
| 9.2  | Phillips Pan Machine Screw M4 x 20 304           | 760101-000511 |
| 9.3  | Flat Washer M4 Din125 S/ST304                    | 760103-000092 |
| 10   | Nylon Insert Lock NUT M4 S/ST304 Din985          | 760102-000099 |
| 10.1 | Drive Shaft SAF-1500/3000/4500                   | 710103-002164 |
| 10.2 | Connecting Pin SAF-1500/3000/4500                | 710103-002165 |
| 10.3 | Split Pin 1.6 x 12 Din 94 S/ST316                | 760105-000030 |
| 10.4 | Limit Switch Plate SAF HD                        | 710103-002308 |
| 11   | Drive Shaft Key SAF                              | 710103-002237 |
| 12   | Drive Unit 440V AC 3PH 0.18KW RMI 50 1/28 63 B5  | 720201-000030 |
| 12.1 | Motor 480V AC 50/60HZ 0.18KW 1400RPM IP56        | 720203-000033 |
| 12.2 | Gear RMI50 1/28 63                               | 720202-000019 |
| 12.3 | HEX Bolt Full Thread M8 x 40 ZINC Plated C/ST    | 760101-000308 |
| 12.4 | Flat Washer M8 Din125 ZINC Plated C/ST           | 760103-000075 |
| 12.5 | Flat Washer M8 Din125 ZINC Plated C/ST           | 760103-000075 |
| 12.6 | Spring Washer M5 Din127 S/ST304                  | 760103-000108 |
| 12.7 | HEX NUT M8 ZINC Plated C/ST Din934               | 760102-000063 |
| 13   | Drive Shaft Cover (PVC) SAF                      | 700190-002427 |
| 13.1 | Socket Head Cap Screw M8 x 20 S/ST304            | 760101-000522 |
| 14   | Hydraulic Valve 2" (GAL) Red                     | 730103-000467 |
| 14   | 2" Bermad Hydraulic Valve (RAM) BSP Red          | 730103-000466 |
| 14.1 | Pressure Check Point Connector 1/4" x 1/4" Brass | 710103-000591 |
| 15   | Solenoid Valve 24VAC, 50HZ, NO (GEM-SOL)         | 720103-000177 |
| 15   | Solenoid Valve 24VAC NO Asco Red Hat             | 720103-000182 |

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## SAF-3000 FILTER PARTS SCHEDULE (Continued)

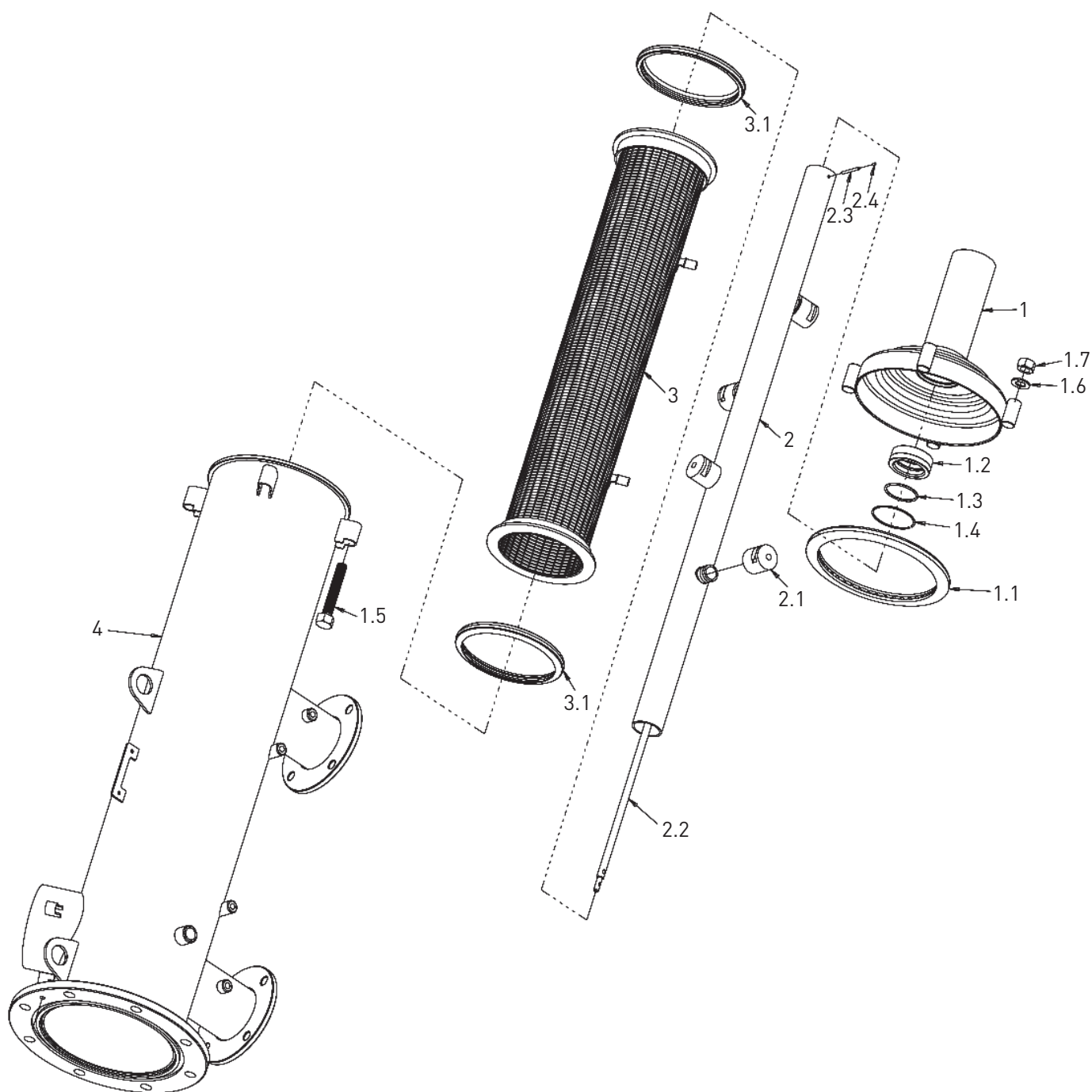
| NO.  | DESCRIPTION                                | SAP. CAT.NO.  |
|------|--------------------------------------------|---------------|
| 15.1 | L-Connector 5/16" x 1/4" 69F Brass         | 720501-000202 |
| 15.2 | Control Tube 5/16" PA Air Brake w/Inserts  | 720502-000022 |
| 15.3 | Connector 5/16" x 1/4" 68F Brass           | 720501-000206 |
| 15.4 | L-Connector 5/16" x 1/8" 69F Nickel Plated | 720501-000204 |
| 15.4 | L-Connector 5/16" x 1/4" 69F Brass         | 720501-000202 |
| 16   | 3/4" BSPT AC Black Screen 200 Mic          | 010000-000042 |
| 16.1 | Raccord NUT 3/4" for 3/4" Filter           | 710103-002570 |
| 16.2 | Raccord Nipple 1/4" for 3/4" Filter        | 710103-002569 |
| 16.3 | L-Connector 5/16" x 1/4" 69F Brass         | 720501-000202 |
| 16.4 | Control Tube 5/16" PA Air Brake w/Inserts  | 720502-000022 |
| 16.5 | O-Ring Seal P2-112 NBR "S"                 | 770102-000082 |
| 17   | L-Connector 3/4" F/M Galvanized            | 780101-000789 |
| 18   | Ball Valve 3/4" M/F (Brass/NI)             | 730104-000220 |
| 19   | PD Switch Midwest                          | 720104-000028 |
| 19.1 | Connector 5/16" x 1/8" 68F Brass           | 720501-000213 |
| 19.2 | L-Connector 5/16" x 1/8" 69F Nickel Plated | 720501-000204 |
| 19.3 | Control Tube 5/16" PA Air Brake w/Inserts  | 720502-000022 |
| 19.4 | L-Connector 5/16" x 1/4" 69F Brass         | 720501-000202 |
| 19.5 | Socket Set Screw M6 x 25 S/ST304 Din916    | 760101-000545 |
| 19.6 | HEX NUT M6 S/ST316 Din934                  | 760102-000085 |
| 19.7 | Spring Washer M6 Din127 S/ST316            | 760103-000109 |
| 19.8 | Flat Washer M6 Din125 S/ST316              | 760103-000094 |
| 20   | Manometer Valve 1/4" w/drain               | 700190-002336 |

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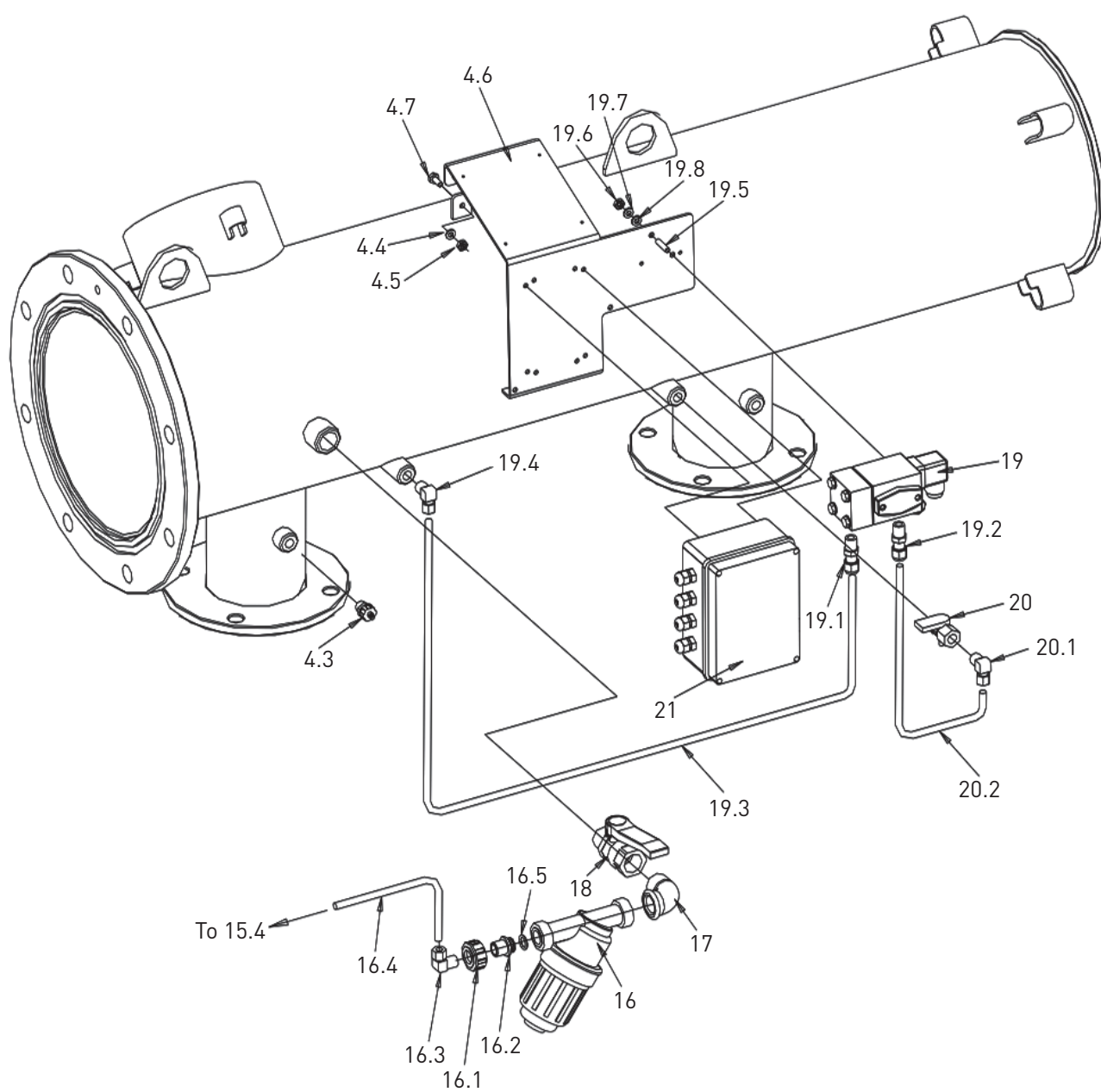
## SAF-3000 FILTER PARTS SCHEDULE (Continued)

| NO.  | DESCRIPTION                                 | SAP. CAT.NO.  |
|------|---------------------------------------------|---------------|
| 20.1 | Connector 5/16" x 1/4" 68F Brass            | 720501-000206 |
| 20.2 | Control Tube 5/16" PA Air Brake w/Inserts   | 720502-000022 |
| 21   | Electrical Junction Box (SAF)               | 700190-002421 |
| 22   | Pressure Check Point Complete (Steel)       | 700190-001306 |
| 23.1 | HEX Bolt Full Thread M6 x 60 S/ST304 Din933 | 760101-000450 |
| 23.2 | Flat Washer M6 Din125 S/ST316               | 760103-000094 |
| 23.3 | Flat Washer M6 Din125 S/ST316               | 760103-000094 |
| 23.4 | HEX NUT M6 S/ST316 Din934                   | 760102-000085 |
| 23.5 | Flat Washer M6 Din125 S/ST316               | 760103-000094 |
| 23.6 | Wing NUT M6 S/ST304 Din315                  | 760102-000107 |

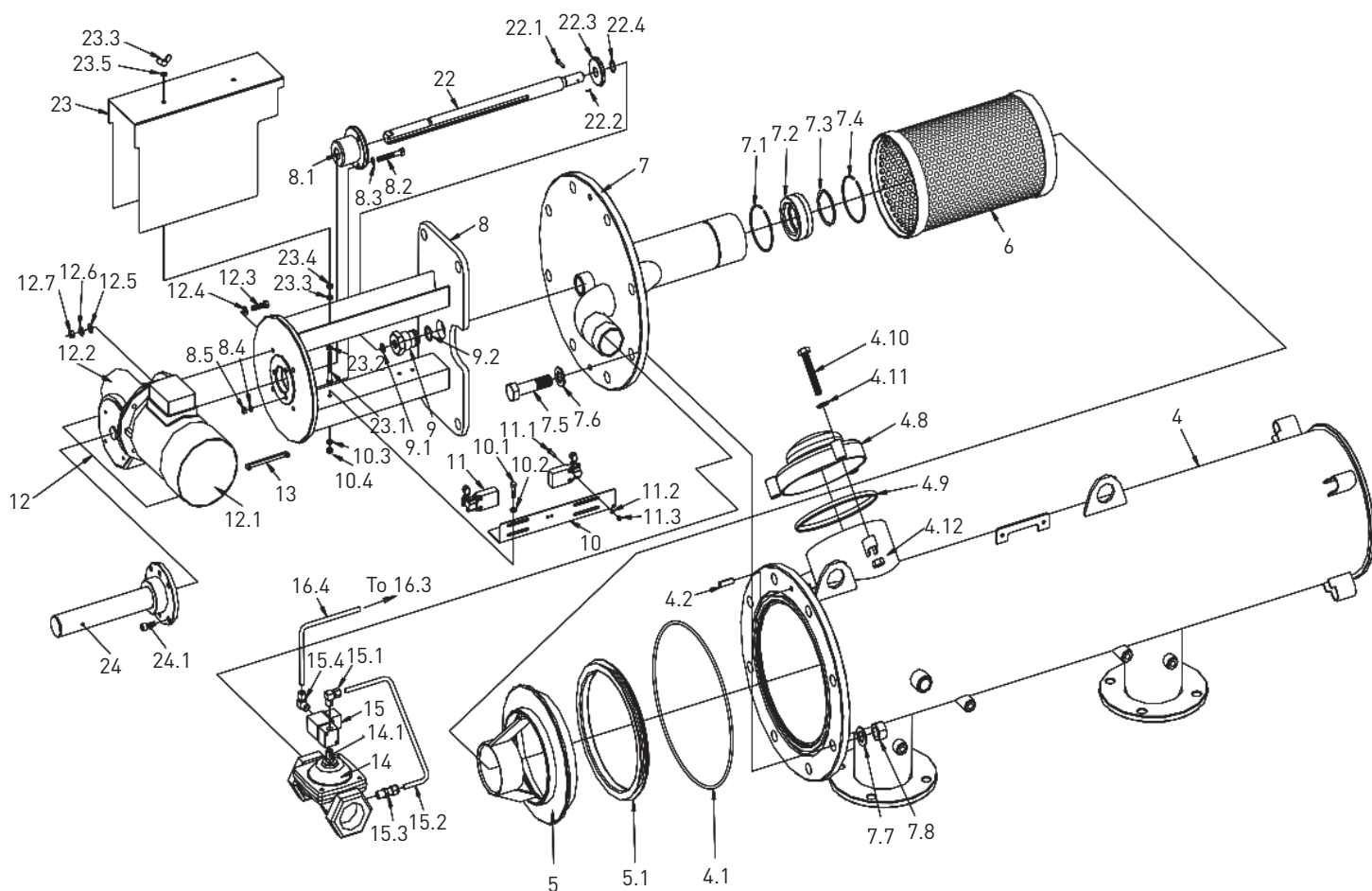
## SAF-4500 – DRAWINGS - 1



## SAF-4500 – DRAWINGS - 2



## SAF-4500 – DRAWINGS - 3



## SAF-4500 FILTER PARTS SCHEDULE

| NO. | DESCRIPTION                                     | SAP. CAT.NO.  |
|-----|-------------------------------------------------|---------------|
| 1   | Lid SAF-4500 Epoxy PKPK-3002                    | 710105-001143 |
| 1.1 | Hydraulic Seal AM-08 (SAF-4500 Lid)             | 770104-000090 |
| 1.2 | Suction Scanner Bearing Delrin SAF-4500         | 710103-002208 |
| 1.3 | O-Ring 60 x 4 SAF-6000 Flushing Chamber NBR "S" | 770101-000040 |
| 1.4 | Locking Spring Ring (SST316)                    | 760107-000051 |
| 1.5 | HEX Bolt Full Thread M20 x 120 ZINC Plated C/ST | 760101-000360 |
| 1.6 | Flat Washer M20 Din125 ZINC Plated C/ST         | 760103-000070 |
| 1.7 | HEX NUT M20 ZINC Plated C/ST Din934             | 760102-000068 |
| 2   | Scanner Assembly (Improved)SAF 4500             | 700190-002410 |
| 2.1 | Suction Scanner Nozzle SAF-4500                 | 710103-002163 |
| 2.2 | Suction Scanner Shaft SAF-4500                  | 710102-000833 |
| 2.3 | Pin 5 x 45 S/ST316                              | 710103-002520 |
| 2.4 | Plug Threaded M8 for SAF-6000 PRO               | 710103-002501 |
| 3   | SAF-4500 Screen                                 | 700101-XXXXXX |
| 3   | SAF-4500 Molded Screen                          | 700101-XXXXXX |
| 3.1 | Shaped Seal Hydraulic AM-05 8"MT. Screen NBR    | 770104-000080 |
| 4   | Housing SAF-4500                                | 710105-XXXXXX |
| 4.1 | O-Ring P2-452 SAF-4500 Drive Unit Adaptor NBR   | 770102-000176 |
| 4.2 | Slotted Pin 10 x 30 Din1481 S/ST304             | 760105-000026 |
| 4.3 | Pressure Check Point -Complete (Steel)          | 700190-001306 |
| 4.4 | Flat Washer M6 Din125 S/ST316                   | 760103-000094 |
| 4.5 | HEX NUT M6 S/ST316 Din934                       | 760102-000085 |
| 4.6 | Instrumentation Combined Bracket SAF            | 710103-002074 |

(Continued)

## SAF-4500 FILTER PARTS SCHEDULE (Continued)

| NO.  | DESCRIPTION                                       | SAP. CAT.NO.  |
|------|---------------------------------------------------|---------------|
| 4.7  | HEX Bolt Full Thread M6 x 20 S/ST304 Din933       | 760101-000444 |
| 4.8  | Service Port Lid SAF-4500 Epoxy PKPK-3002         | 710105-001152 |
| 4.9  | Service Port Lid Seal AM-12 (SAF-4500)            | 770104-000083 |
| 4.1  | HEX Bolt Partial Thread M12 x 80 ZINC Plated C/ST | 760101-000322 |
| 4.11 | Flat Washer M12 Din125 ZINC Plated C/ST           | 760103-000077 |
| 4.12 | HEX NUT M12 ZINC Plated C/ST Din934               | 760102-000065 |
| 5    | Coarse Screen Adaptor SAF-4500 PKPK-3002          | 710105-001106 |
| 5.1  | Flushing Chamber Seal AM-10 (SAF-4500)            | 770104-000091 |
| 6    | Coarse Screen (SAF-4500)                          | 700101-000958 |
| 7    | Flushing Chamber SAF-4500 Epoxy PKPK-3002         | 710105-001115 |
| 7.1  | Locking Spring Ring (SST316)                      | 760107-000051 |
| 7.2  | Suction Scanner Bearing Delrin SAF-4500           | 710103-002208 |
| 7.3  | O-Ring 60 x 4 SAF-6000 Flushing Chamber NBR "S"   | 770101-000040 |
| 7.4  | Locking Spring Ring (SST316)                      | 760107-000051 |
| 7.5  | HEX Bolt Partial Thread M20 x 70 ZINC Plated C/ST | 760101-000353 |
| 7.6  | Flat Washer M20 Din125 ZINC Plated C/ST           | 760103-000070 |
| 7.7  | Flat Washer M20 Din125 ZINC Plated C/ST           | 760103-000070 |
| 7.8  | HEX NUT M20 ZINC Plated C/ST Din934               | 760102-000068 |
| 8    | Drive Shaft Housing SAF-4500 Epoxy PKPK-3002      | 710105-001116 |
| 8.1  | Drive Bushing SAF                                 | 710103-002233 |
| 8.2  | HEX Bolt Full Thread M6 x 35 S/ST304 Din933       | 760101-000447 |
| 8.3  | Flat Washer M6 Din125 S/ST316                     | 760103-000094 |
| 8.4  | Flat Washer M6 Din125 S/ST316                     | 760103-000094 |

(Continued)



## SAF-4500 FILTER PARTS SCHEDULE (Continued)

| NO.  | DESCRIPTION                                    | SAP. CAT.NO.  |
|------|------------------------------------------------|---------------|
| 8.5  | Nylon Insert Lock NUT M6 S/ST304 Din985        | 760102-000101 |
| 9    | Tightening NUT SAF-1500/3000/4500              | 710103-002162 |
| 9.1  | O-Ring Seal 14 x 3 NBR "S"                     | 770101-000027 |
| 9.2  | O-Ring Seal 24 x 3 Tightening NUT SAF NBR "S"  | 770101-000031 |
| 10   | HD Limit Switch Sling SAF                      | 710103-002309 |
| 10.1 | HEX Bolt Full Thread M6 x 20 S/ST304 Din933    | 760101-000444 |
| 10.2 | Flat Washer M6 Din125 S/ST316                  | 760103-000094 |
| 10.3 | Flat Washer M6 Din125 S/ST316                  | 760103-000094 |
| 10.4 | HEX NUT M6 S/ST316 Din934                      | 760102-000085 |
| 11   | Limit Switch NC (EBS, SAF) FA 4131-2DN         | 720302-000004 |
| 11.1 | Phillips Pan Machine Screw M4 x 20 304         | 760101-000511 |
| 11.2 | Flat Washer M4 Din125 S/ST304                  | 760103-000092 |
| 11.3 | Nylon Insert Lock NUT M4 S/ST304 Din985        | 760102-000099 |
| 12   | Drive Unit 440V AC 3PH 0.18KW RMI50 1/28 63 B5 | 720201-000030 |
| 12.1 | Motor 480V AC 50/60HZ 0.18KW 1400RPM IP56      | 720203-000033 |
| 12.2 | Gear RMI50 1/28 63                             | 720202-000019 |
| 12.3 | HEX Bolt Full Thread M8 x 40 ZINC Plated C/ST  | 760101-000308 |
| 12.4 | Flat Washer M8 Din125 ZINC Plated C/ST         | 760103-000075 |
| 12.5 | Flat Washer M8 Din125 ZINC Plated C/ST         | 760103-000075 |
| 12.6 | Spring Washer M8 Din127 ZINC Plated C/ST       | 760103-000085 |
| 12.7 | HEX NUT M8 ZINC Plated C/ST Din934             | 760102-000063 |
| 13   | Drive Shaft Key SAF                            | 710103-002237 |
| 14   | Hydraulic Valve 2" (GAL) Red                   | 730103-000467 |

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## SAF-4500 FILTER PARTS SCHEDULE (Continued)

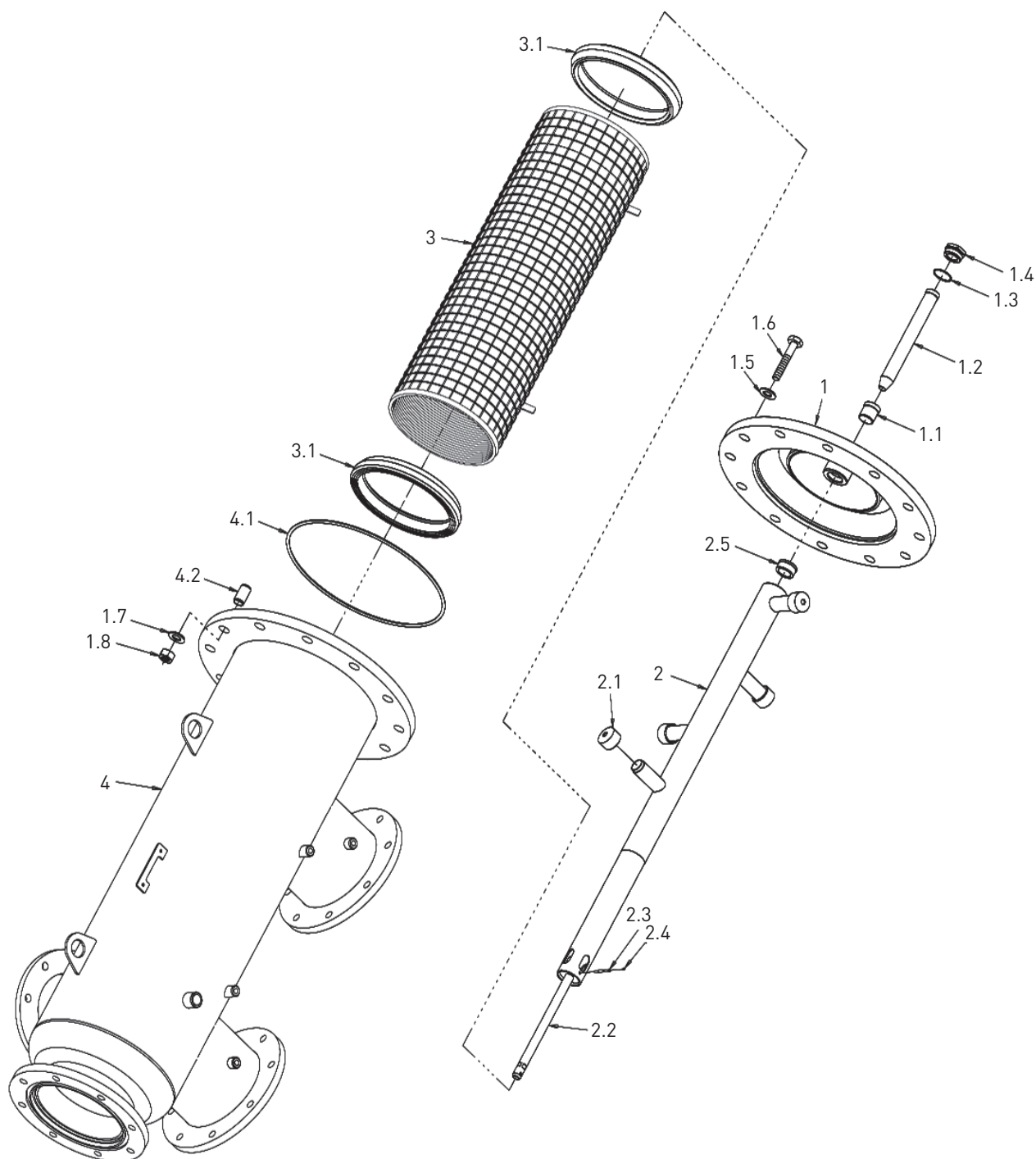
| NO.  | DESCRIPTION                                      | SAP. CAT.NO.  |
|------|--------------------------------------------------|---------------|
| 14   | 2" Bermad Hydraulic Valve (RAM) BSP Red          | 730103-000466 |
| 14.1 | Pressure Check Point Connector 1/4" x 1/4" Brass | 710103-000591 |
| 15   | Solenoid Valve 24VAC, 50HZ, NO (Gem-Sol)         | 720103-000177 |
| 15   | Solenoid Valve 24VAC NO Asco Red Hat             | 720103-000182 |
| 15.1 | L-Connector 5/16" x 1/4" 69F Brass               | 720501-000202 |
| 15.2 | Control Tube 5/16" PA Air Brake w/Inserts        | 720502-000022 |
| 15.3 | Connector 5/16" x 1/4" 68F Brass                 | 720501-000206 |
| 15.4 | L-Connector 5/16" x 1/8" 69F Nickel Plated       | 720501-000204 |
| 15.4 | Connector 5/16" x 1/4" 68F Brass                 | 720501-000206 |
| 16   | 3/4" BSPT AC Black Screen 200 Mic                | 010000-000042 |
| 16.1 | Raccord NUT 3/4" for 3/4" Filter                 | 710103-002570 |
| 16.2 | Raccord Nipple 1/4" for 3/4" Filter              | 710103-002569 |
| 16.3 | L-Connector 5/16" x 1/4" 69F Brass               | 720501-000202 |
| 16.4 | Control Tube 5/16" PA Air Brake w/Inserts        | 720502-000022 |
| 16.5 | O-Ring Seal P2-112 NBR "S"                       | 770102-000082 |
| 17   | L-Connector 3/4" F/M Galvanized                  | 780101-000789 |
| 18   | Ball Valve 3/4" M/F (Brass/NI)                   | 730104-000220 |
| 19   | PD Switch Midwest                                | 720104-000028 |
| 19.1 | Connector 5/16" x 1/8" 68F Brass                 | 720501-000213 |
| 19.2 | Connector 5/16" x 1/8" 68F Brass                 | 720501-000213 |
| 19.3 | Control Tube 5/16" PA Air Brake w/Inserts        | 720502-000022 |
| 19.4 | L-Connector 5/16" x 1/4" 69F Brass               | 720501-000202 |
| 19.5 | Socket Set Screw M6 x 25 S/ST304 Din916          | 760101-000545 |

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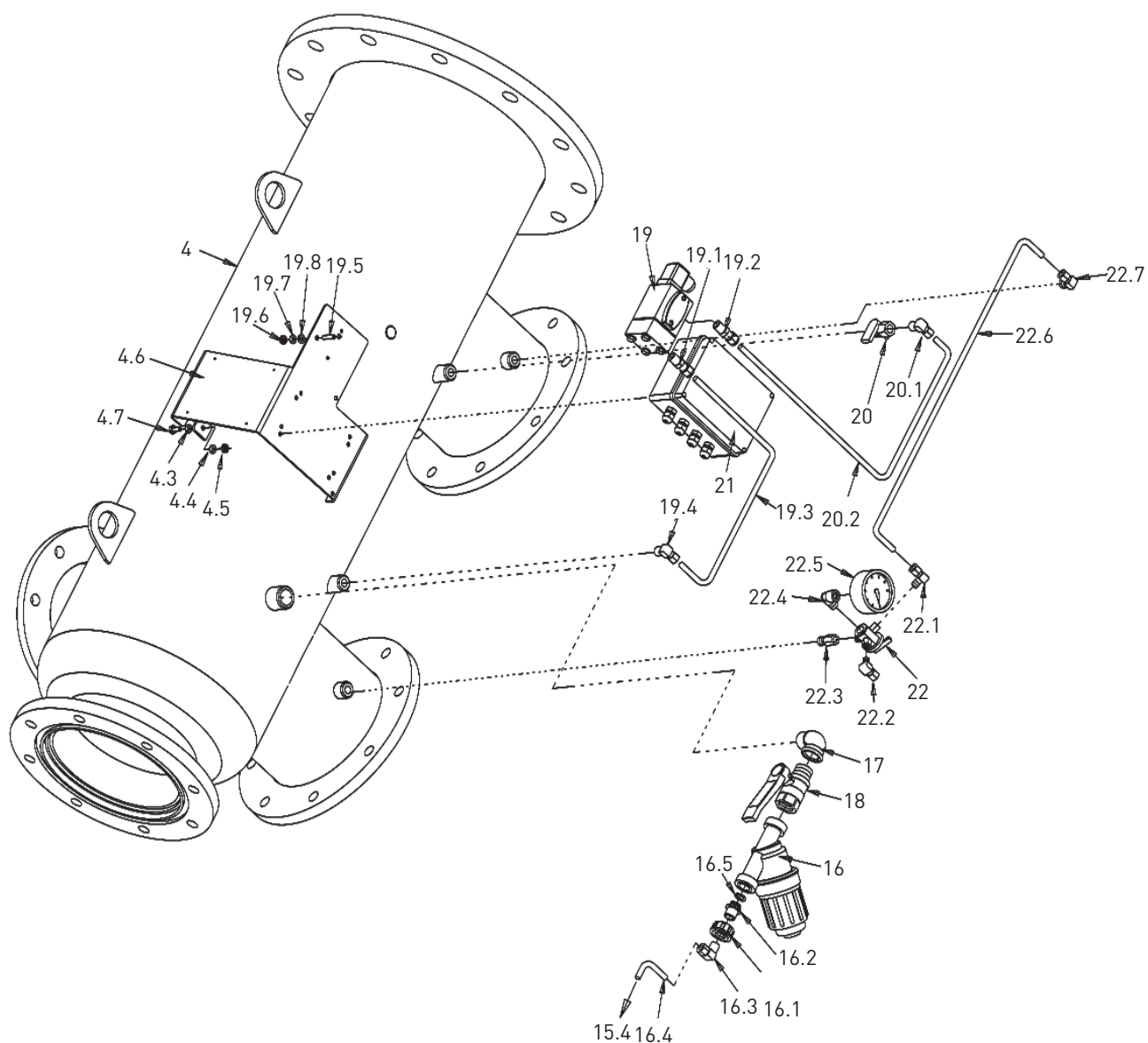
## SAF-4500 FILTER PARTS SCHEDULE (Continued)

| NO.  | DESCRIPTION                                      | SAP. CAT.NO.  |
|------|--------------------------------------------------|---------------|
| 19.6 | HEX NUT M6 S/ST316 Din934                        | 760102-000085 |
| 19.7 | Spring Washer M6 Din127 S/ST316                  | 760103-000109 |
| 19.8 | Flat Washer M6 Din125 S/ST316                    | 760103-000094 |
| 20   | Manometer Valve 1/4" w/Drain                     | 700190-002336 |
| 20.1 | L-Connector 5/16" x 1/4" 69F Brass               | 720501-000202 |
| 20.2 | Control Tube 5/16" PA Air Brake w/Inserts        | 720502-000022 |
| 21   | Electrical Junction Box (SAF)                    | 700190-002421 |
| 22   | Drive Shaft SAF-1500/3000/4500                   | 710103-002164 |
| 22.1 | Connecting Pin SAF-1500/3000/4500                | 710103-002165 |
| 22.2 | Split Pin 1.6 x 12 Din 94 S/ST316                | 760105-000030 |
| 22.3 | Limit Switch Plate SAF HD                        | 710103-002308 |
| 22.4 | External Retaining Ring 17mm S/ST304 Din471      | 760106-000022 |
| 23   | Drive Shaft Housing Cover SAF-1500 Red PKPK 3002 | 710105-001189 |
| 23.1 | HEX Bolt Full Thread M6 x 60 S/ST304 Din933      | 760101-000450 |
| 23.2 | Flat Washer M6 Din125 S/ST316                    | 760103-000094 |
| 23.3 | Flat Washer M6 Din125 S/ST316                    | 760103-000094 |
| 23.4 | HEX NUT M6 S/ST316 Din934                        | 760102-000085 |
| 23.5 | Flat Washer M6 Din125 S/ST316                    | 760103-000094 |
| 23.6 | Wing NUT M6 S/ST304 Din315                       | 760102-000107 |
| 24   | Drive Shaft Cover (PVC) SAF                      | 700190-002427 |
| 24.1 | Socket Head Cap Screw M8 x 20 S/ST304            | 760101-000522 |

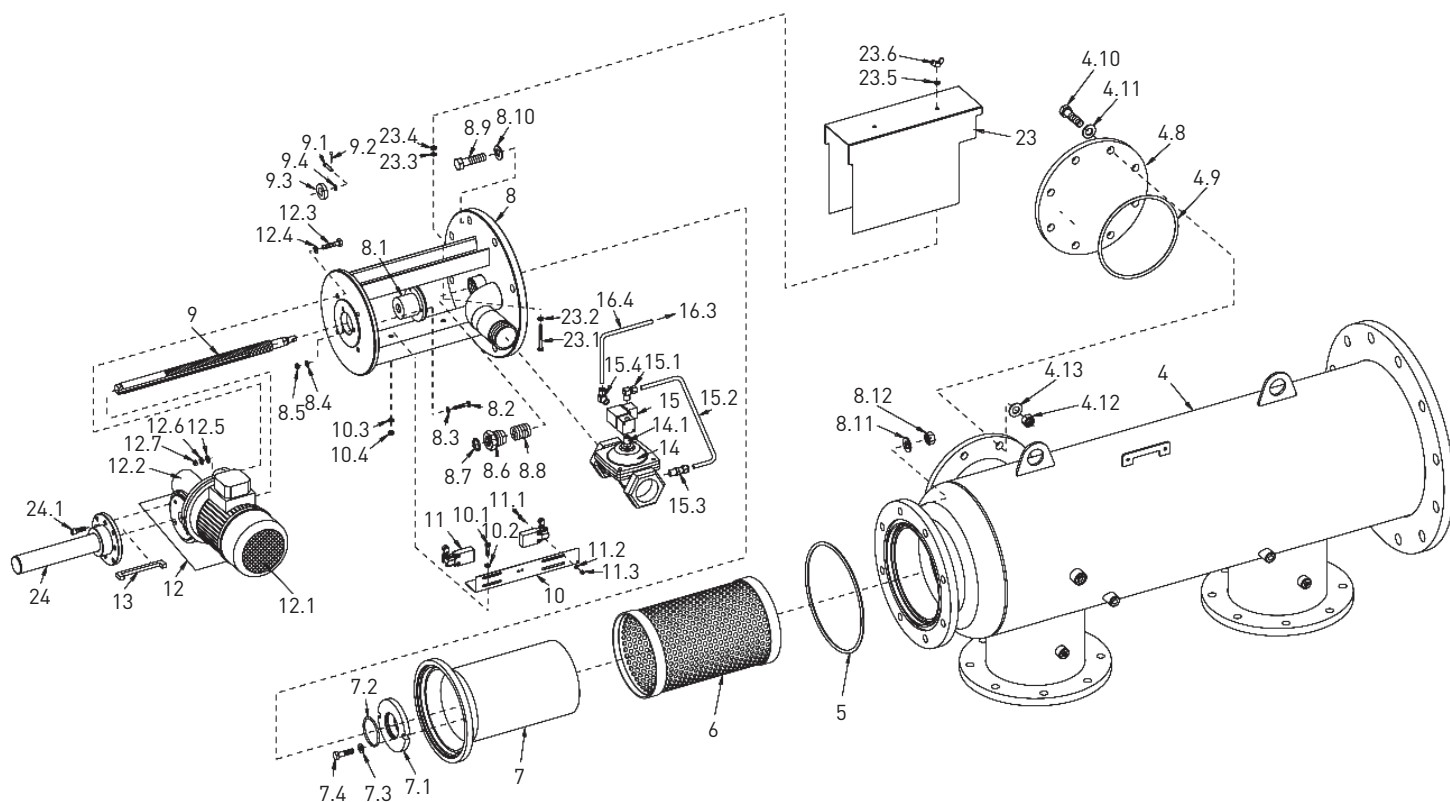
## SAF-6000 – DRAWINGS - 1



## SAF-6000 – DRAWINGS - 2



## SAF-6000 – DRAWINGS - 3



## SAF-6000 FILTER PARTS SCHEDULE

| NO. | DESCRIPTION                                       | SAP. CAT.NO.  |
|-----|---------------------------------------------------|---------------|
| 1   | Lid SAF-6000 Red 3002                             | 710105-001239 |
| 1.1 | Upper Bearing Insert SAF-6000                     | 710103-002238 |
| 1.2 | Leading Shaft SAF-6000                            | 710103-002241 |
| 1.3 | O-Ring Seal P2-128 Sealing Insert NBR "S"         | 770102-000095 |
| 1.4 | Tightening Plug (Leading Shaft) SAF-6000          | 710103-002234 |
| 1.5 | Flat Washer M20 Din125 ZINC Plated C/ST           | 760103-000070 |
| 1.6 | HEX Bolt Partial Thread M20 x 80 ZINC Plated C/ST | 760101-000355 |
| 1.7 | Flat Washer M20 Din125 ZINC Plated C/ST           | 760103-000070 |
| 1.8 | HEX NUT M20 ZINC Plated C/ST Din934               | 760102-000068 |
| 2   | Suction Scanner Assembly Improved SAF-6000        | 700190-002473 |
| 2.1 | Suction Scanner Nozzle SAF-6000                   | 710103-002228 |
| 2.2 | Suction Scanner Shaft SAF-6000                    | 710103-002259 |
| 2.3 | Pin 5 x 45 S/ST316                                | 710103-002520 |
| 2.4 | Plug Threaded M8 for SAF-6000PRO                  | 710103-002501 |
| 2.5 | Lower Bearing Insert SAF-6000                     | 710103-002229 |
| 3   | SAF-6000 Screen                                   | 700101-XXXXXX |
| 3.1 | Shaped Seal Hyd. AM-03 NR (SAF Screen) NBR        | 770104-000075 |
| 4   | SAF-6000 Housing                                  | 710105-XXXXXX |
| 4.1 | O-Ring Seal P2-459 (SAF-6000 Lid) NBR             | 770102-000182 |
| 4.2 | Centering Sleeve Housing Lid SAF                  | 710103-002274 |
| 4.3 | Flat Washer M6 Din125 S/ST316                     | 760103-000094 |
| 4.4 | Spring Washer M6 Din127 S/ST316                   | 760103-000109 |
| 4.5 | HEX NUT M6 S/ST316 Din934                         | 760102-000085 |

(Continued)

## SAF-6000 FILTER PARTS SCHEDULE (Continued)

| NO.  | DESCRIPTION                                       | SAP. CAT.NO.  |
|------|---------------------------------------------------|---------------|
| 4.6  | Instrumentation Combined Bracket SAF              | 710103-002074 |
| 4.7  | HEX Bolt Full Thread M6 x20 S/ST304 Din933        | 760101-000444 |
| 4.8  | Smooth Blind Flange 6" BSTD Red5555               | 740103-000141 |
| 4.9  | O-Ring Seal P2-443 (6" Service Lid) NBR           | 770102-000172 |
| 4.1  | HEX Bolt Partial Thread M16 x 60 ZINC Plated C/ST | 760101-000328 |
| 4.11 | Flat Washer M16 Din125 ZINC Plated C/ST           | 760103-000069 |
| 4.12 | HEX NUT M16 ZINC Plated C/ST Din934               | 760102-000067 |
| 4.13 | Flat Washer M16 Din125 ZINC Plated C/ST           | 760103-000069 |
| 5    | O-Ring P2-448 SAF-6000 Drive Shaft Housing NBR    | 770102-000174 |
| 6    | Coarse Screen (SAF-6000)                          | 700101-000982 |
| 7    | Flushing Chamber Assembly SAF-6000                | 700190-002424 |
| 7.1  | Sealing Flange Flushing Chamber SAF               | 710103-002325 |
| 7.2  | O-Ring 60 x 4 SAF-6000 Flushing Chamber NBR "S"   | 770101-000040 |
| 7.3  | Flat Washer M10 Din125 S/ST316                    | 760103-000097 |
| 7.4  | HEX Bolt Full Thread M10 x 30 S/ST316 Din933      | 760101-000459 |
| 8    | Drive Shaft Housing Assembly SAF-6000             | 700190-002415 |
| 8.1  | Drive Bushing SAF                                 | 710103-002233 |
| 8.2  | HEX Bolt Full Thread M6 x 35 S/ST304 Din933       | 760101-000447 |
| 8.3  | Flat Washer M10 Din125 S/ST316                    | 760103-000097 |
| 8.4  | Flat Washer M10 Din125 S/ST316                    | 760103-000097 |
| 8.5  | Nylon Insert Lock NUT M6 S/ST304 Din985           | 760102-000101 |
| 8.6  | Tightening NUT SAF-6000                           | 710103-002258 |
| 8.7  | O-Ring Seal 20 x 3 Tightening NUT SAF NBR "S"     | 770101-000028 |

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## SAF-6000 FILTER PARTS SCHEDULE (Continued)

| NO.  | DESCRIPTION                                       | SAP. CAT.NO.  |
|------|---------------------------------------------------|---------------|
| 8.8  | Scanner Sealing Rope Set (SAF-6000)               | 700190-002431 |
| 8.9  | HEX Bolt Partial Thread M16 x 65 ZINC Plated C/ST | 760101-000329 |
| 8.1  | Flat Washer M16 Din125 ZINC Plated C/ST           | 760103-000069 |
| 8.11 | Flat Washer M16 Din125 ZINC Plated C/ST           | 760103-000069 |
| 8.12 | HEX NUT M16 ZINC Plated C/ST Din934               | 760102-000067 |
| 9    | Drive Shaft SAF-6000                              | 710103-002257 |
| 9.1  | Connecting Pin SAF-6000                           | 710103-002230 |
| 9.2  | Split Pin 2 x 20 Din 94 S/ST904                   | 760105-000038 |
| 9.3  | Limit Switch Plate SAF HD                         | 710103-002308 |
| 9.4  | External Retaining Ring 17mm S/ST304 Din471       | 760106-000022 |
| 10   | HD Limit Switch Sling SAF                         | 710103-002309 |
| 10.1 | HEX Bolt Full Thread M6 x 20 S/ST304 Din933       | 760101-000444 |
| 10.2 | Flat Washer M6 Din125 S/ST316                     | 760103-000094 |
| 10.3 | Flat Washer M6 Din125 S/ST316                     | 760103-000094 |
| 10.4 | HEX NUT M6 S/ST316 Din934                         | 760102-000085 |
| 11   | Limit Switch NC (EBS, SAF) FA 4131-2DN            | 720302-000004 |
| 11.1 | Phillips Pan Machine Screw M4 x 20 304            | 760101-000511 |
| 11.2 | Flat Washer M4 Din125 S/ST304                     | 760103-000092 |
| 11.3 | Nylon Insert Lock NUT M4 S/ST304 Din985           | 760102-000099 |
| 12   | Drive Unit SAF-6000 440VAC 3PH. 0.25KW 1/49 71 B5 | 720201-000013 |
| 12.1 | Motor 380/480V AC 50/60HZ 0.25KW                  | 720203-000019 |
| 12.2 | Gear RMI50 1/49 71                                | 720202-000020 |
| 12.3 | HEX Bolt Full Thread M8 x 40 ZINC Plated C/ST     | 760101-000308 |

(Continued)

## SAF-6000 FILTER PARTS SCHEDULE (Continued)

| NO.  | DESCRIPTION                                      | SAP. CAT.NO.  |
|------|--------------------------------------------------|---------------|
| 12.4 | Flat Washer M8 Din125 ZINC Plated C/ST           | 760103-000075 |
| 12.5 | Flat Washer M8 Din125 ZINC Plated C/ST           | 760103-000075 |
| 12.6 | Spring Washer M8 Din127 ZINC Plated C/ST         | 760103-000085 |
| 12.7 | HEX NUT M8 ZINC Plated C/ST Din934               | 760102-000063 |
| 13   | Drive Shaft Key SAF                              | 710103-002237 |
| 14   | Hydraulic Valve 2" (GAL) Red                     | 730103-XXXXXX |
| 14   | 2" Bermad Hydraulic Valve (RAM) BSP Red          | 730103-XXXXXX |
| 14.1 | Pressure Check Point Connector 1/4" x 1/4" Brass | 710103-000591 |
| 15   | Solenoid Valve 24VAC, 50HZ, NO (Gem-Sol)         | 720103-000177 |
|      | Solenoid Valve 24VAC NO Asco Red Hat             | 720103-000182 |
| 16   | 3/4" BSPT AC Black Screen 200 Mic                | 010000-000042 |
| 16.1 | Raccord NUT 3/4" for 3/4" Filter                 | 710103-002570 |
| 16.2 | Raccord Nipple 1/4" for 3/4" Filter              | 710103-002569 |
| 16.3 | L-Connector 5/16" x 1/4" 69F Brass               | 720501-000202 |
| 16.4 | Control Tube 5/16" PA Air Break w/Inserts        | 720502-000022 |
| 16.5 | O-Ring Seal P2-112 NBR "S"                       | 770102-000082 |
| 17   | L-Connector 3/4" F/M Galvanized                  | 780101-000789 |
| 18   | Ball Valve 3/4" M/F (Brass/NI)                   | 730104-000220 |
| 19   | Pressostat Sub-Assembly Midwest w/o fitting      | 700190-002618 |
| 19.1 | Connector 5/16" x 1/8" 68F Brass                 | 720501-000213 |
| 19.2 | Connector 5/16" x 1/8" 68F Brass                 | 720501-000213 |
| 19.3 | Control Tube 5/16" PA Air Break w/Inserts        | 720502-000022 |
| 19.4 | L-Connector 5/16" x 1/4" 69F Brass               | 720501-000202 |
| 19.5 | Socket Set Screw M6 x 25 S/ST304 Din916          | 760101-000545 |

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## SAF-6000 FILTER PARTS SCHEDULE

| NO.  | DESCRIPTION                                | SAP. CAT.NO.  |
|------|--------------------------------------------|---------------|
| 19.6 | HEX NUT M6 S/ST316 Din934                  | 760102-000085 |
| 19.7 | Spring Washer M6 Din127 S/ST316            | 760103-000109 |
| 19.8 | Flat Washer M6 Din125 S/ST316              | 760103-000094 |
| 20   | Manometer Valve 1/4" w/Drain               | 700190-002336 |
| 20.1 | L-Connector 5/16" x 1/4" 69F Brass         | 720501-000202 |
| 20.2 | Control Tube 5/16" PA Air Break w/Inserts  | 720502-000022 |
| 21   | Electrical Junction Box (SAF)              | 700190-002421 |
| 22   | Valve 3-Way 1/4" (Sagiv SY3 1Y3N040A4)     | 730104-000202 |
| 22.1 | L-Connector 5/16" x 1/8" 69F Nickel Plated | 720501-000204 |
| 22.2 | L-Connector 5/16" x 1/8" 69F Nickel Plated | 720501-000204 |
| 22.3 | Bushing 1/4" M x 1/4" F 120B Nickel Plated | 720501-000220 |
| 22.4 | L-Connector 1/4" F x 1/4" M Nickel Plated  | 720501-000218 |
| 22.5 | Pressure Gauge 16 Bar 1/4" Back Inlet      | 720301-000043 |
| 22.6 | Control Tube 5/16" PA Air Break w/Inserts  | 720502-000022 |
| 22.7 | L-Connector 5/16" x 1/4" 69F Brass         | 720501-000202 |
| 23   | Drive Shaft Housing Cover SAF-6000 Red     | 710105-001229 |
| 23.1 | HEX Bolt Full TH M6 x 60 S/ST304 Din933    | 760101-000450 |
| 23.2 | Flat Washer M6 Din125 S/ST316              | 760103-000094 |
| 23.3 | Flat Washer M6 Din125 S/ST316              | 760103-000094 |
| 23.4 | HEX NUT M6 S/ST316 Din934                  | 760102-000085 |
| 23.5 | Flat Washer M6 Din125 S/ST316              | 760103-000094 |
| 23.6 | Wing NUT M6 S/ST304 Din315                 | 760102-000107 |
| 24   | Drive Shaft Cover (PVC) SAF                | 700190-002427 |
| 24.1 | Socket Head Cap Screw M8 x 20 S/ST304      | 760101-000522 |

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