

# Technical Data

Pump Name

EVMSG10 16F5HQ1BEGE/7.5

|          |            |                                       |           |
|----------|------------|---------------------------------------|-----------|
| Customer | Date       | 2024-06-14                            | Company   |
| Contact  | Item no.   |                                       | Issued by |
| Phone    | Project    |                                       | Phone     |
| E-mail   | Project ID | Proiect redenumit 2024-06-14 15:41:37 | E-mail    |

## Requested data

|   |                           |                          |                    |          |
|---|---------------------------|--------------------------|--------------------|----------|
| 1 | Pump type                 | VERTICAL MULTISTAGE PUMP | Fluid              | Water    |
| 2 | Number of pumps / Reserve | 1 / 0                    | Liquid temperature | °C       |
| 3 | Flow                      | m³/h                     | Kin. viscosity     | mm²/s    |
| 4 | Head                      | m                        | Vapour pressure    | bar      |
| 5 | Geodetic head             | m                        | PH value           |          |
| 6 | Inlet pressure (pin)      | bar                      | Density            | kg/m³    |
| 7 | Available system NPSH     |                          | Solids             | Weight % |
| 8 | Ambient temperature       | °C                       |                    |          |

## Pump

|    |                      |                          |                                   |           |                         |      |
|----|----------------------|--------------------------|-----------------------------------|-----------|-------------------------|------|
| 9  | Pump Name            | EVMSG10 16F5HQ1BEGE/7.5  | Frequency                         | Hz        | 50                      |      |
| 10 | Design               | VERTICAL MULTISTAGE PUMP | Installation type                 |           | Round flange (STANDARD) |      |
| 11 | Manufacturer         | EBARA                    | Impeller Diameter                 | Max.      | mm                      |      |
| 12 | Speed                | rpm                      |                                   | 2910      | Designed                | mm   |
| 13 | No. of Stage         | 16                       |                                   | Min.      | mm                      | 96   |
| 14 | Connection           | Suction side             | Flow                              | Operating | m³/h                    |      |
| 15 | Connection           | Discharge side           |                                   | Max-      | m³/h                    | 15   |
| 16 | Max Working Pressure | bar                      |                                   | 25        | Min-                    | m³/h |
| 17 | Shut-off head        | bar                      | 17.19                             | Head      | Operating               | m    |
| 18 | Total weight         | kg                       | See the table of "Dimensions".    |           | - (Qmax.)               | m    |
| 19 | Shaft power          | kW                       |                                   |           | - (Qmin.)               | m    |
| 20 |                      |                          | Max. Shaft Power at max. impeller | kW        | 5.74                    |      |
| 21 | Required pump NPSH   | m                        | Efficiency                        | %         |                         |      |

## Materials

|    |                     |           |  |  |
|----|---------------------|-----------|--|--|
| 22 | Impeller            | AISI 304  |  |  |
| 23 | Intermediate casing | AISI 304  |  |  |
| 24 | Bottom casing       | Cast iron |  |  |
| 25 | Shaft               | AISI 304  |  |  |
| 26 | O-ring              | EPDM      |  |  |
| 27 |                     |           |  |  |

## Motor

|    |                      |                                    |                  |                  |     |
|----|----------------------|------------------------------------|------------------|------------------|-----|
| 28 | Manufacturer         | ETM                                | Insulation class | F                |     |
| 29 | Type                 | TEFC_EVMS10 16/7.5_400_Three Phase | Phases           | 3~               |     |
| 30 | Specific design      | IE3 / 50 Hz / Pole pairs 1         | Frame size       | 132              |     |
| 31 | Rated power          | kW                                 | 7.5              | Weight           | kg  |
| 32 | Number of poles      | 2                                  | Electric voltage | V                | 400 |
| 33 | Speed                | rpm                                | 2910             | Electric current | A   |
| 34 | Degree of protection | IP 55                              |                  |                  |     |
| 35 |                      |                                    |                  |                  |     |

## Remarks

# Performance Curve

Pump Name

EVMSG10 16F5HQ1BEGE/7.5

|          |            |                                       |           |
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| Contact  | Item no.   |                                       | Issued by |
| Phone    | Project    |                                       | Phone     |
| E-mail   | Project ID | Proiect redenumit 2024-06-14 15:41:37 | E-mail    |

## Requested data

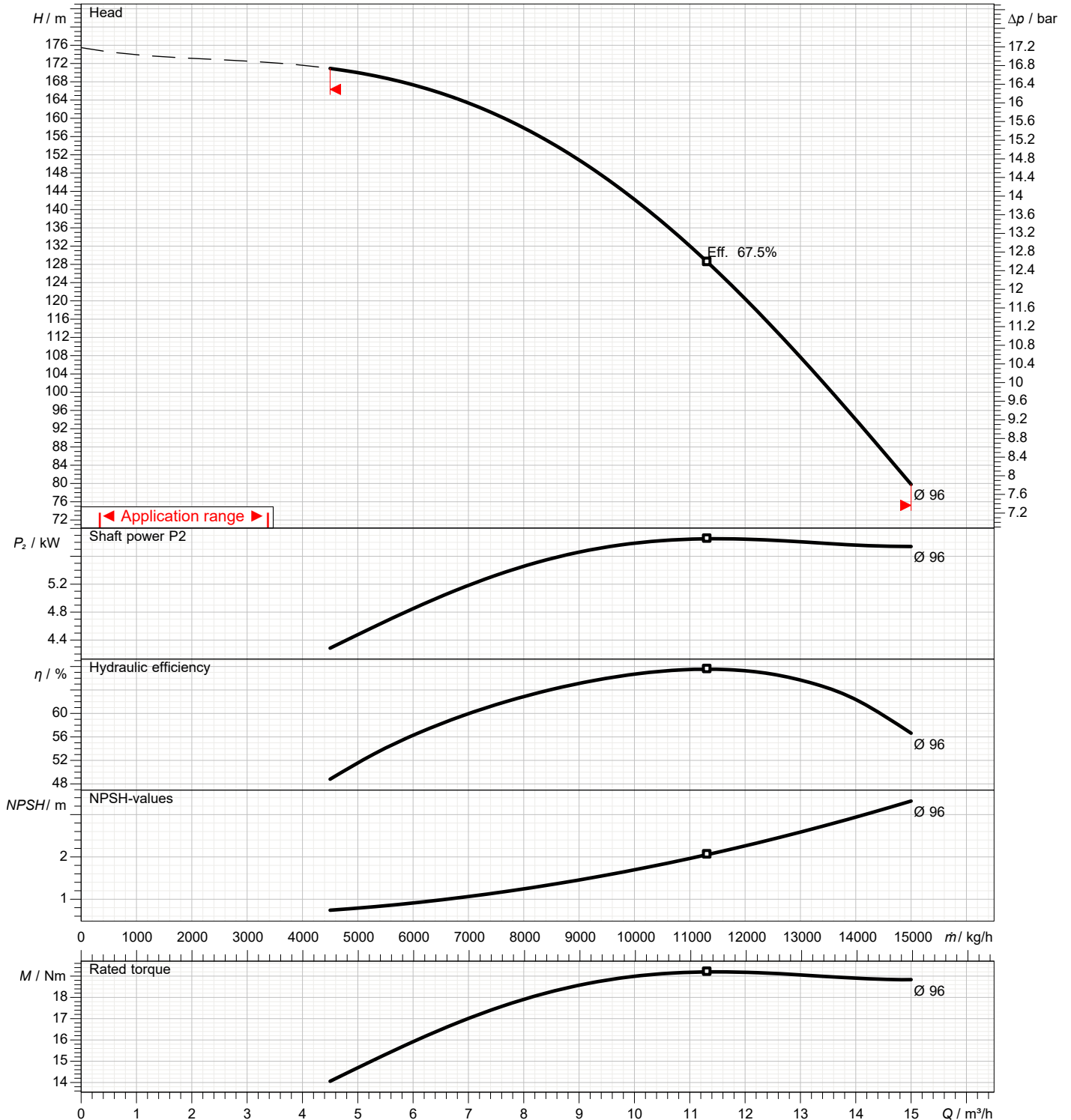
|   |               |      |  |
|---|---------------|------|--|
| 1 | Flow          | m³/h |  |
| 2 | Head          | m    |  |
| 3 | Geodetic head | m    |  |

## Pump

|                            |      |    |                 |     |      |
|----------------------------|------|----|-----------------|-----|------|
| Operating flow             | m³/h |    | Frequency       | Hz  | 50   |
| Operating head             | m    |    | Number of poles |     | 2    |
| Impeller diameter designed | mm   | 96 | Speed           | rpm | 2910 |

Test standard: ISO 9906:2012 - Grade3B

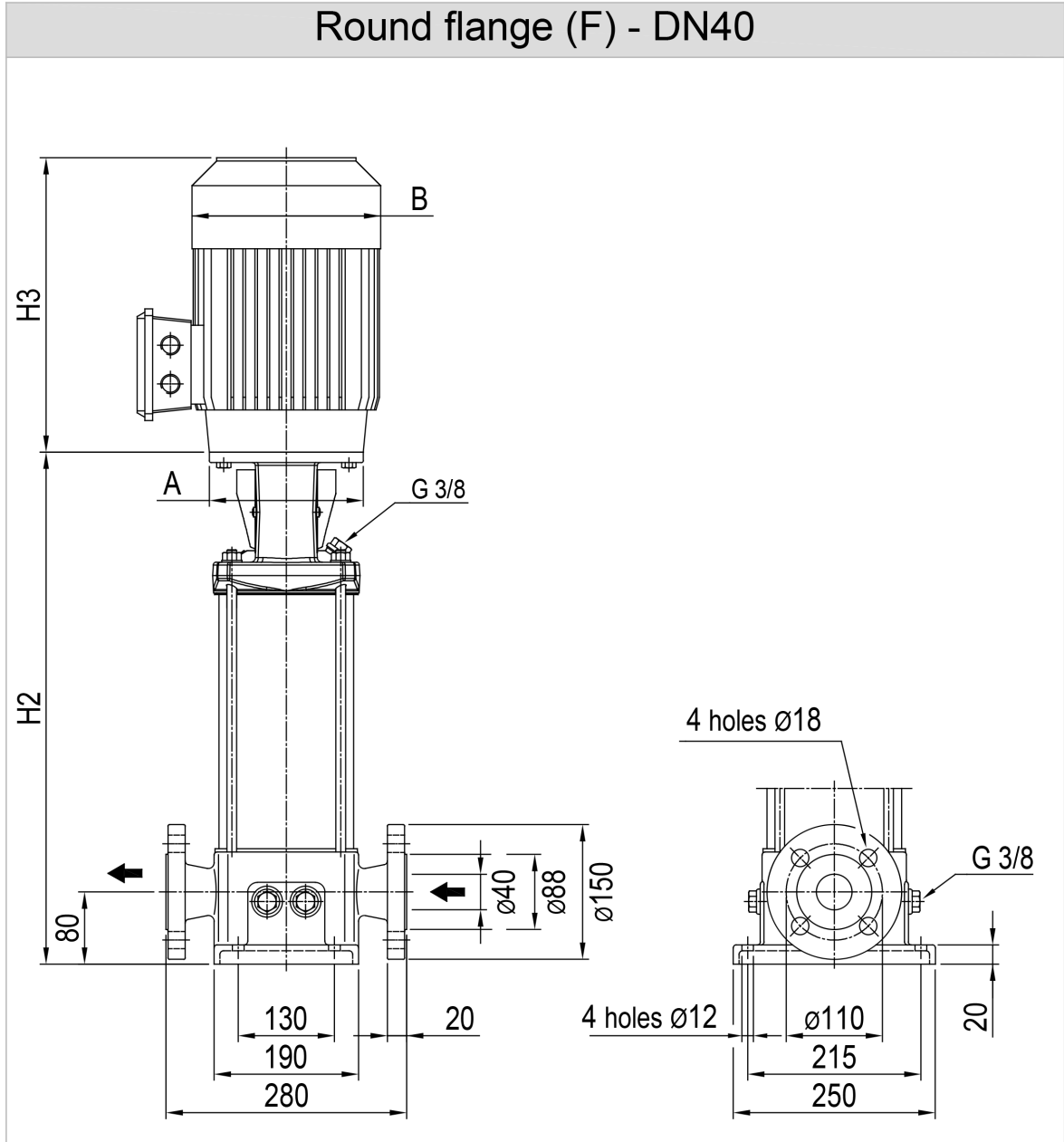
Water; 20°C; 998.3kg/m³; 1mm²/s



# Dimensions

Pump name EVMSG10 16F5HQ1BEGE/7.5

|          |  |           |
|----------|--|-----------|
| Customer | Date 2024-06-14                                  | Company   |
| Contact  | Item no.   | Issued by |
| Phone    | Project  | Phone     |
| E-mail   | Project ID Proiect redenumit 2024-06-14 15:41:37 | E-mail    |



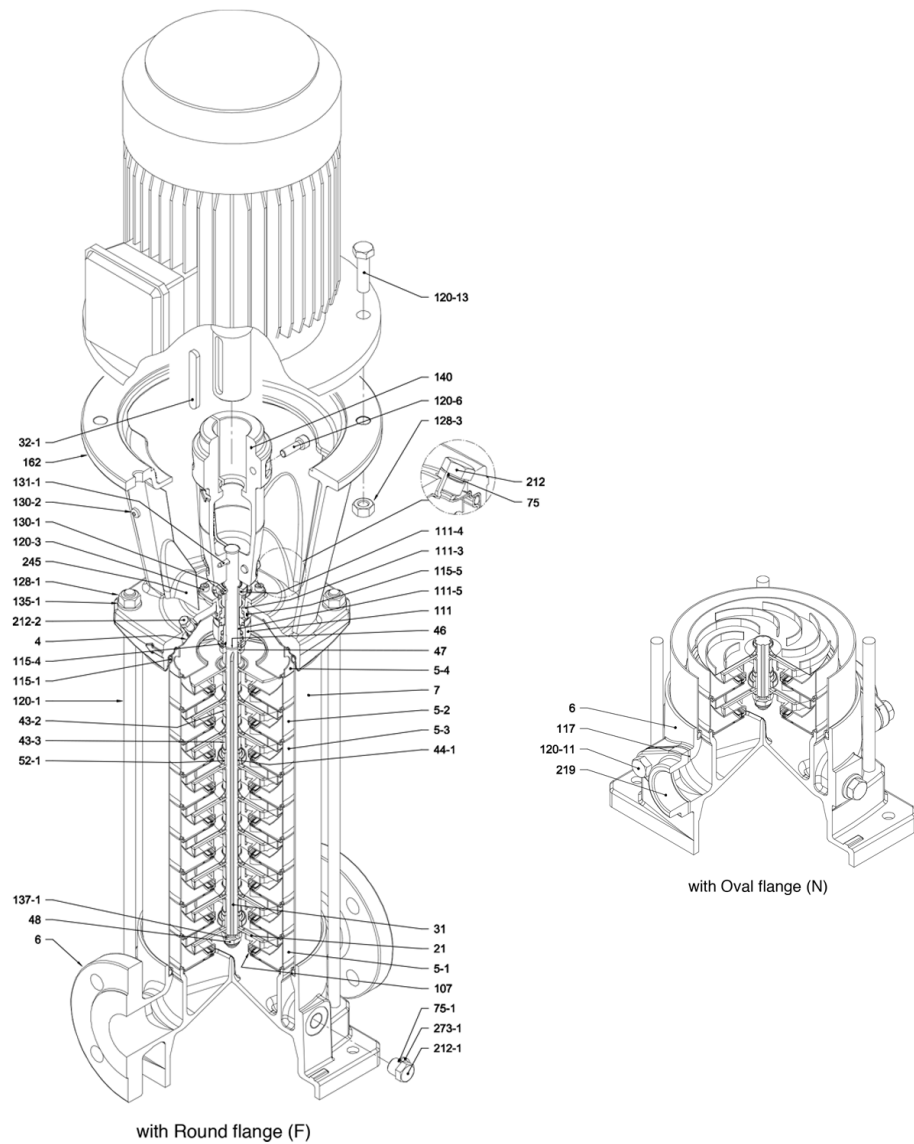
| Dimensions in |                 | mm     |  |  |  |  |  |
|---------------|-----------------|--------|--|--|--|--|--|
| 1             | A               | Dia300 |  |  |  |  |  |
| 2             | B               | 220    |  |  |  |  |  |
| 3             | C               | 152    |  |  |  |  |  |
| 4             | H2              | 881    |  |  |  |  |  |
| 5             | H3              | 419    |  |  |  |  |  |
| 6             | Weight P&M (kg) | 92.3   |  |  |  |  |  |
| 7             |                 |        |  |  |  |  |  |
| 8             |                 |        |  |  |  |  |  |
| 9             |                 |        |  |  |  |  |  |
| 10            |                 |        |  |  |  |  |  |
| 11            |                 |        |  |  |  |  |  |
| 12            |                 |        |  |  |  |  |  |
| 13            |                 |        |  |  |  |  |  |
| 14            |                 |        |  |  |  |  |  |
| 15            |                 |        |  |  |  |  |  |

(1/4)

# Construction

Pump name EVMSG10 16F5HQ1BEGE/7.5

|          |  |           |
|----------|--|-----------|
| Customer | Date 2024-06-14                                  | Company   |
| Contact  | Item no.   | Issued by |
| Phone    | Project  | Phone     |
| E-mail   | Project ID Proiect redenumit 2024-06-14 15:41:37 | E-mail    |



**(2/4)****Construction****Pump name EVMSG10 16F5HQ1BEGE/7.5**

|          |            |                                       |           |
|----------|------------|---------------------------------------|-----------|
| Customer | Date       | 2024-06-14                            | Company   |
| Contact  | Item no.   |                                       | Issued by |
| Phone    | Project    |                                       | Phone     |
| E-mail   | Project ID | Proiect redenumit 2024-06-14 15:41:37 | E-mail    |

| N°     | PART NAME                        | MATERIAL<br>EVMSG                                    | DIMENSIONS                         | STANDARD                                     |
|--------|----------------------------------|--|------------------------------------|--|
| 4      | Casing cover                     | EN 1.4301 (AISI 304)                                 |                                    |  |
| 5-1    | Suction casing                   | EN 1.4301 (AISI 304)                                 |                                    |  |
| 5-2    | Intermediate casing              | EN 1.4301 (AISI 304)                                 |                                    |  |
| 5-3    | Intermediate casing with bearing | EN 1.4301 (AISI 304)                                 |                                    |  |
| 5-4    | Discharge casing                 | EN 1.4301 (AISI 304)                                 |                                    |  |
| 6      | Bottom casing                    | Cast Iron EN GJL-250EN1551                           |                                    |  |
| 7      | Outer casing                     | EN 1.4301 (AISI 304)                                 |                                    |  |
| 21     | Impeller                         | EN 1.4301 (AISI 304)                                 |                                    |  |
| 31     | Shaft                            | EN 1.4301 (AISI 304)                                 |                                    |  |
| 32-1   | Adjuster key                     | EN 1.4301 (AISI 304)                                 |                                    |  |
| 43-2   | Shaft sleeve (intermediate)      | EN 1.4301 (AISI 304)                                 |                                    |  |
| 43-3   | Shaft sleeve (bearing)           | EN 1.4301 (AISI 304)                                 |                                    |  |
| 44-1   | Shaft sleeve bearing             | Tungsten carbide                                     |                                    |  |
| 46     | Ring (mechanical seal)           | EN 1.4404 (AISI 316L)                                |                                    |  |
| 47     | Ring holder                      | EN 1.4404 (AISI 316L)                                |                                    |  |
| 48     | Impeller nut                     | EN 1.4301 (AISI 304) with inox insert                | M10                                |  |
| 52-1   | Sleeve bearing                   | Tungsten carbide                                     |                                    |  |
| 75     | O-Ring (priming plug)            | EPDM / FPM *   | Ø12.37x2.62                        | OR 3050                                      |
| 75-1   | O-Ring (drainage plug)           | EPDM / FPM *   |                                    |  |
| 107    | Liner ring                       | EN 1.4301 (AISI 304) + PPS                           |                                    |  |
| 111    | Mechanical seal                  | --- **   |                                    |  |
| 111-3  | Mechanical seal seat             | EN 1.4308 (ASTM CF8)                                 |                                    |  |
| 111-4  | Seal holder                      | EN 1.4301 (AISI 304)                                 |                                    |  |
| 111-5  | Mechanical seal cartridge sleeve | EN 1.4301 (AISI 304)                                 |                                    |  |
| 115-1  | O-Ring (outer casing)            | EPDM / FPM *   | Ø164.46x5.34                       | OR 6945                                      |
| 115-4  | O-Ring (cartridge sleeve)        | EPDM / FPM *   | Ø15.88x2.62                        | OR 4093                                      |
| 115-5  | O-Ring (seal flange)             | EPDM / FPM *   | Ø37.77x2.62                        | OR 4175                                      |
| 117    | Flange gasket                    | EPDM / FPM *   |                                    |  |
| 120-1  | Tie-rod                          | EN 1.4057 (AISI 431)                                 | M12                                |  |
| 120-3  | Screw (seal flange)              | A2-70  | M5x12                              | ISO 4762                                     |
| 120-6  | Screw (pump coupling)            | Galvanized steel                                     | M6x25<br>M8x20<br>M10x30           | ISO 4762                                     |
| 120-11 | Screw (counterflange)            | A2-70  |                                    |  |
| 120-13 | Screw for motor                  | Galvanized steel 8.8 strength class ISO 898/1        | M6x20<br>M8x20<br>M12x40<br>M16x50 | ISO 4017<br>ISO 4017<br>UNI 5739<br>ISO 4017 |
| 128-1  | Nut (tie rod)                    | A2-70  | M12                                | ISO 4032                                     |
| 128-3  | Nut (motor)                      | Galvanized steel                                     | M12<br>M16                         | ISO 4032<br>ISO 4032                         |
| 128-6  | Nut (aluminium coupling)         | Galvanized steel                                     | M6                                 | ISO 4032                                     |
| 130-1  | Set screw                        | EN 1.4301 (AISI 304)                                 | M5x8                               | ISO 4026                                     |
| 130-2  | Screw for coupling guard         | A2-70  | M5x6                               | UNI 7687                                     |
| 131-1  | Pin for shaft                    | Carbon Steel   | Ø5x35                              | ISO 2338                                     |
| 135-1  | Washer (tie rod)                 | EN 1.4301 (AISI 304)                                 | Ø13x24x2.5                         | ISO 7089                                     |
| 135-6  | Washer (aluminium coupling)      | Carbon Steel   | Ø6                                 |  |
| 137-1  | Impeller spacer                  | EN 1.4301 (AISI 304)                                 |                                    |  |
| 140    | Coupling                         | Die cast Aluminium EN AB-AISI11Cu2 (Fe)<br>Cast Iron |                                    |  |
| 162    | Motor bracket                    | Cast iron EN-GJL-250                                 |                                    |  |
| 212    | Priming plug                     | EN 1.4301 (AISI 304)                                 | G 3/8                              |  |
| 212-1  | Drainage plug                    | EN 1.4301 (AISI 304)                                 | G 3/8                              |  |
| 212-2  | Venting plug                     | EN 1.4404 (AISI 316L)                                |                                    |  |
| 219    | Counter flange                   | Galvanized steel                                     |                                    |  |
| 245    | Coupling guard                   | EN 1.4301 (AISI 304)                                 |                                    |  |
| 273-1  | Washer (drainage plug)           | EN 1.4301 (AISI 304)                                 |                                    |  |

\* EPDM (standard)  
FPM (option)

\*\* see CONSTRUCTION 4/4

(3/4)

# Construction

Pump name EVMSG10 16F5HQ1BEGE/7.5

|          |            |                                       |           |
|----------|------------|---------------------------------------|-----------|
| Customer | Date       | 2024-06-14                            | Company   |
| Contact  | Item no.   |                                       | Issued by |
| Phone    | Project    |                                       | Phone     |
| E-mail   | Project ID | Proiect redenumit 2024-06-14 15:41:37 | E-mail    |

| Pump Type      | N° |     |     |     |     |   |   |    |    |      |      |      |      |    |    |    |      |    |      |     |     |       |       |       |       |       |       |       |       |
|----------------|----|-----|-----|-----|-----|---|---|----|----|------|------|------|------|----|----|----|------|----|------|-----|-----|-------|-------|-------|-------|-------|-------|-------|-------|
|                | 4  | 5-1 | 5-2 | 5-3 | 5-4 | 6 | 7 | 21 | 31 | 32-1 | 43-2 | 43-3 | 44-1 | 46 | 47 | 48 | 52-1 | 75 | 75-1 | 107 | 111 | 111-3 | 111-4 | 111-5 | 115-1 | 115-4 | 115-5 | 115-4 | 115-5 |
| EVMSG10 2/0.75 | 1  | 1   | /   | 1   | 1   | 1 | 1 | 2  | 1  | 1    | /    | 2    | 1    | 2  | 1  | 1  | 1    | 1  | 4    | 2   | 1   | 1     | 1     | 1     | 2     | 1     | 1     | 1     | 1     |
| EVMSG10 3/1.5  | 1  | 1   | 1   | 1   | 1   | 1 | 1 | 3  | 1  | 1    | 1    | 2    | 1    | 2  | 1  | 1  | 1    | 1  | 4    | 3   | 1   | 1     | 1     | 1     | 2     | 1     | 1     | 1     | 1     |
| EVMSG10 4/2.2  | 1  | 1   | 2   | 1   | 1   | 1 | 1 | 4  | 1  | 1    | 2    | 2    | 1    | 2  | 1  | 1  | 1    | 1  | 4    | 4   | 1   | 1     | 1     | 1     | 2     | 1     | 1     | 1     | 1     |
| EVMSG10 5/2.2  | 1  | 1   | 3   | 1   | 1   | 1 | 1 | 5  | 1  | 1    | 3    | 2    | 1    | 2  | 1  | 1  | 1    | 1  | 4    | 5   | 1   | 1     | 1     | 1     | 2     | 1     | 1     | 1     | 1     |
| EVMSG10 6/2.2  | 1  | 1   | 4   | 1   | 1   | 1 | 1 | 6  | 1  | 1    | 4    | 2    | 1    | 2  | 1  | 1  | 1    | 1  | 4    | 6   | 1   | 1     | 1     | 1     | 2     | 1     | 1     | 1     | 1     |
| EVMSG10 7/3.0  | 1  | 1   | 5   | 1   | 1   | 1 | 1 | 7  | 1  | 1    | 5    | 2    | 1    | 2  | 1  | 1  | 1    | 1  | 4    | 7   | 1   | 1     | 1     | 1     | 2     | 1     | 1     | 1     | 1     |
| EVMSG10 8/3.0  | 1  | 1   | 6   | 1   | 1   | 1 | 1 | 8  | 1  | 1    | 6    | 2    | 1    | 2  | 1  | 1  | 1    | 1  | 4    | 8   | 1   | 1     | 1     | 1     | 2     | 1     | 1     | 1     | 1     |
| EVMSG10 9/4.0  | 1  | 1   | 7   | 1   | 1   | 1 | 1 | 9  | 1  | 1    | 7    | 2    | 1    | 2  | 1  | 1  | 1    | 1  | 4    | 9   | 1   | 1     | 1     | 1     | 2     | 1     | 1     | 1     | 1     |
| EVMSG10 10/4.0 | 1  | 1   | 8   | 1   | 1   | 1 | 1 | 10 | 1  | 1    | 8    | 2    | 1    | 2  | 1  | 1  | 1    | 1  | 4    | 10  | 1   | 1     | 1     | 1     | 2     | 1     | 1     | 1     | 1     |
| EVMSG10 11/4.0 | 1  | 1   | 9   | 1   | 1   | 1 | 1 | 11 | 1  | 1    | 9    | 2    | 1    | 2  | 1  | 1  | 1    | 1  | 4    | 11  | 1   | 1     | 1     | 1     | 2     | 1     | 1     | 1     | 1     |
| EVMSG10 12/5.5 | 1  | 1   | 9   | 2   | 1   | 1 | 1 | 12 | 1  | 1    | 9    | 3    | 2    | 2  | 1  | 1  | 2    | 1  | 4    | 12  | 1   | 1     | 1     | 1     | 2     | 1     | 1     | 1     | 1     |
| EVMSG10 14/5.5 | 1  | 1   | 11  | 2   | 1   | 1 | 1 | 14 | 1  | 1    | 11   | 3    | 2    | 2  | 1  | 1  | 2    | 1  | 4    | 14  | 1   | 1     | 1     | 1     | 2     | 1     | 1     | 1     | 1     |
| EVMSG10 15/5.5 | 1  | 1   | 12  | 2   | 1   | 1 | 1 | 15 | 1  | 1    | 12   | 3    | 2    | 2  | 1  | 1  | 2    | 1  | 4    | 15  | 1   | 1     | 1     | 1     | 2     | 1     | 1     | 1     | 1     |
| EVMSG10 16/7.5 | 1  | 1   | 13  | 2   | 1   | 1 | 1 | 16 | 1  | 1    | 13   | 3    | 2    | 2  | 1  | 1  | 2    | 1  | 4    | 16  | 1   | 1     | 1     | 1     | 2     | 1     | 1     | 1     | 1     |
| EVMSG10 18/7.5 | 1  | 1   | 15  | 2   | 1   | 1 | 1 | 18 | 1  | 1    | 15   | 3    | 2    | 2  | 1  | 1  | 2    | 1  | 4    | 18  | 1   | 1     | 1     | 1     | 2     | 1     | 1     | 1     | 1     |
| EVMSG10 19/7.5 | 1  | 1   | 16  | 2   | 1   | 1 | 1 | 19 | 1  | 1    | 16   | 3    | 2    | 2  | 1  | 1  | 2    | 1  | 4    | 19  | 1   | 1     | 1     | 1     | 2     | 1     | 1     | 1     | 1     |
| EVMSG10 21/7.5 | 1  | 1   | 18  | 2   | 1   | 1 | 1 | 21 | 1  | 1    | 18   | 3    | 2    | 2  | 1  | 1  | 2    | 1  | 4    | 21  | 1   | 1     | 1     | 1     | 2     | 1     | 1     | 1     | 1     |
| EVMSG10 22/11  | 1  | 1   | 19  | 2   | 1   | 1 | 1 | 22 | 1  | 1    | 19   | 3    | 2    | 2  | 1  | 1  | 2    | 1  | 4    | 22  | 1   | 1     | 1     | 1     | 2     | 1     | 1     | 1     | 1     |
| EVMSG10 23/11  | 1  | 1   | 19  | 3   | 1   | 1 | 1 | 23 | 1  | 1    | 19   | 4    | 3    | 2  | 1  | 1  | 3    | 1  | 4    | 23  | 1   | 1     | 1     | 1     | 2     | 1     | 1     | 1     | 1     |

| Pump Type      | N°   |       |       |       |         |        |       |       |       |       |       |       |       |       |       |     |     |     |       |       |      |     |       |
|----------------|------|-------|-------|-------|---------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----|-----|-------|-------|------|-----|-------|
|                | 117* | 120-1 | 120-3 | 120-6 | 120-11* | 120-13 | 128-1 | 128-3 | 128-6 | 130-1 | 130-2 | 131-1 | 135-1 | 135-6 | 137-1 | 140 | 162 | 212 | 212-1 | 212-2 | 219* | 245 | 273-1 |
| EVMSG10 2/0.75 | 2    | 4     | 4     | 4     | 4       | 4      | 4     | /     | 4     | 3     | 4     | 1     | 4     | 4     | 1     | 2   | 1   | 1   | 4     | 1     | 2    | 2   | 4     |
| EVMSG10 3/1.5  | 2    | 4     | 4     | 4     | 4       | 4      | 4     | /     | 4     | 3     | 4     | 1     | 4     | 4     | 1     | 2   | 1   | 1   | 4     | 1     | 2    | 2   | 4     |
| EVMSG10 4/2.2  | 2    | 4     | 4     | 4     | 4       | 4      | 4     | /     | 4     | 3     | 4     | 1     | 4     | 4     | 1     | 2   | 1   | 1   | 4     | 1     | 2    | 2   | 4     |
| EVMSG10 5/2.2  | 2    | 4     | 4     | 4     | 4       | 4      | 4     | /     | 4     | 3     | 4     | 1     | 4     | 4     | 1     | 2   | 1   | 1   | 4     | 1     | 2    | 2   | 4     |
| EVMSG10 6/2.2  | 2    | 4     | 4     | 4     | 4       | 4      | 4     | /     | 4     | 3     | 4     | 1     | 4     | 4     | 1     | 2   | 1   | 1   | 4     | 1     | 2    | 2   | 4     |
| EVMSG10 7/3.0  | 2    | 4     | 4     | 4     | 4       | 4      | 4     | /     | 4     | 3     | 4     | 1     | 4     | 4     | 1     | 2   | 1   | 1   | 4     | 1     | 2    | 2   | 4     |
| EVMSG10 8/3.0  | 2    | 4     | 4     | 4     | 4       | 4      | 4     | /     | 4     | 3     | 4     | 1     | 4     | 4     | 1     | 2   | 1   | 1   | 4     | 1     | 2    | 2   | 4     |
| EVMSG10 9/4.0  | 2    | 4     | 4     | 4     | 4       | 4      | 4     | /     | 4     | 3     | 4     | 1     | 4     | 4     | 1     | 2   | 1   | 1   | 4     | 1     | 2    | 2   | 4     |
| EVMSG10 10/4.0 | 2    | 4     | 4     | 4     | 4       | 4      | 4     | /     | 4     | 3     | 4     | 1     | 4     | 4     | 1     | 2   | 1   | 1   | 4     | 1     | 2    | 2   | 4     |
| EVMSG10 11/4.0 | 2    | 4     | 4     | 4     | 4       | 4      | 4     | /     | 4     | 3     | 4     | 1     | 4     | 4     | 1     | 2   | 1   | 1   | 4     | 1     | 2    | 2   | 4     |
| EVMSG10 12/5.5 | 2    | 4     | 4     | 4     | 4       | 4      | 4     | /     | 3     | 4     | 1     | 4     | /     | 1     | 2     | 1   | 1   | 4   | 1     | 2     | 2    | 4   |       |
| EVMSG10 14/5.5 | 2    | 4     | 4     | 4     | 4       | 4      | 4     | /     | 3     | 4     | 1     | 4     | /     | 1     | 2     | 1   | 1   | 4   | 1     | 2     | 2    | 4   |       |
| EVMSG10 15/5.5 | 2    | 4     | 4     | 4     | 4       | 4      | 4     | /     | 3     | 4     | 1     | 4     | /     | 1     | 2     | 1   | 1   | 4   | 1     | 2     | 2    | 4   |       |
| EVMSG10 16/7.5 | /    | 4     | 4     | 4     | /       | 4      | 4     | /     | 3     | 4     | 1     | 4     | /     | 1     | 2     | 1   | 1   | 4   | 1     | /     | 2    | 4   |       |
| EVMSG10 18/7.5 | /    | 4     | 4     | 4     | /       | 4      | 4     | /     | 3     | 4     | 1     | 4     | /     | 1     | 2     | 1   | 1   | 4   | 1     | /     | 2    | 4   |       |
| EVMSG10 19/7.5 | /    | 4     | 4     | 4     | /       | 4      | 4     | /     | 3     | 4     | 1     | 4     | /     | 1     | 2     | 1   | 1   | 4   | 1     | /     | 2    | 4   |       |
| EVMSG10 21/7.5 | /    | 4     | 4     | 4     | /       | 4      | 4     | /     | 3     | 4     | 1     | 4     | /     | 1     | 2     | 1   | 1   | 4   | 1     | /     | 2    | 4   |       |
| EVMSG10 22/11  | /    | 4     | 4     | 4     | /       | 4      | 4     | /     | 3     | 4     | 1     | 4     | /     | 1     | 2     | 1   | 1   | 4   | 1     | /     | 2    | 4   |       |
| EVMSG10 23/11  | /    | 4     | 4     | 4     | /       | 4      | 4     | /     | 3     | 4     | 1     | 4     | /     | 1     | 2     | 1   | 1   | 4   | 1     | /     | 2    | 4   |       |

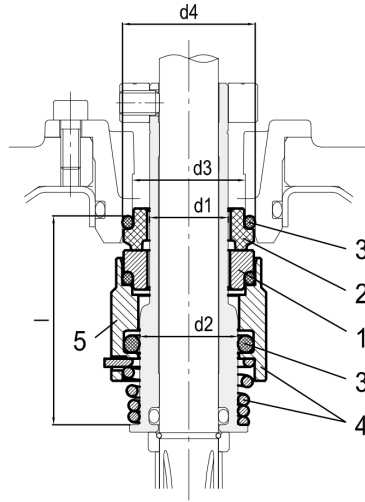
\* only for Oval flange (N)  
 128-6 / 135-6: with Aluminium coupling

(4/4)

# Construction

Pump name EVMSG10 16F5HQ1BEGE/7.5

|          |  |           |
|----------|--|-----------|
| Customer | Date 2024-06-14                                  | Company   |
| Contact  | Item no.   | Issued by |
| Phone    | Project  | Phone     |
| E-mail   | Project ID Proiect redenumit 2024-06-14 15:41:37 | E-mail    |



● : Standard

| Pump model             | Max operating temperature | Shaft seal type |          | Shaft seal material |      |                 |      |            |      |                    |        | Type key |        |
|------------------------|---------------------------|-----------------|----------|---------------------|------|-----------------|------|------------|------|--------------------|--------|----------|--------|
|                        |                           | Unbalanced      | Balanced | 1                   |      | 2               |      | 3          |      | 4                  |        |          | 5      |
| Max operating pressure |                           |                 |          | Rotating Part       | Code | Stationary Part | Code | Elastomers | Code | Compression spring | Collar | Code     |        |
| from 16 bar to 25 bar  | - 30°C to + 140°C         |                 | ●        | SiC                 | (Q1) | Carbon          | (B)  | EPDM       | (E)  | AISI 316           |        | (G)      | HQ1BEG |

| Max operating pressure | d1   | d2   | d3   | d4   | l    |
|------------------------|------|------|------|------|------|
|                        | [mm] | [mm] | [mm] | [mm] | [mm] |
| 25 bar                 | 20   | 24   | 29   | 35   | 45   |