

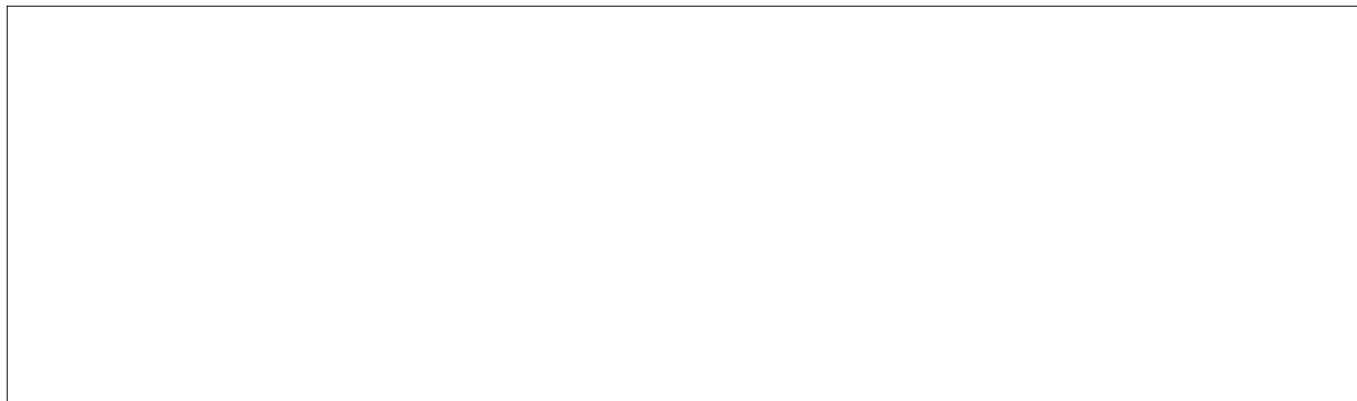
**Booster set name**  
2GP 2CDX 70/15

### Requested data

### Booster Set

## Materials

## Motor

Remarks

# Performance curve

Booster set name

2GP 2CDX 70/15

|          |            |            |           |
|----------|------------|------------|-----------|
| Customer | Date       | 09.06.2024 | Company   |
| Contact  | Item no.   |            | Issued by |
| Phone    | Project    |            | Phone     |
| E-mail   | Project ID |            | E-mail    |

## Requested data

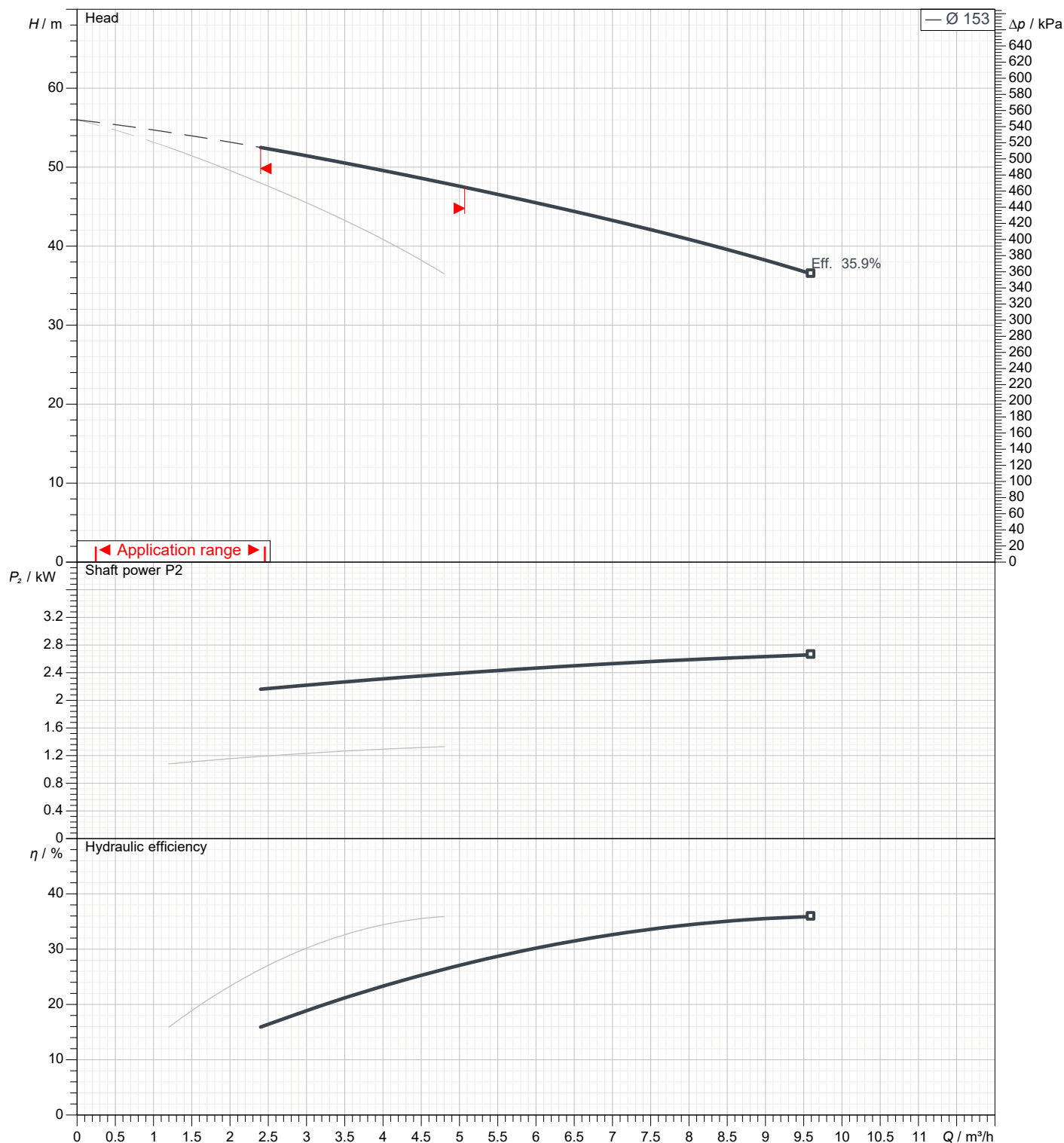
|   |               |      |  |
|---|---------------|------|--|
| 1 | Flow          | m³/h |  |
| 2 | Head          | m    |  |
| 3 | Geodetic head | m    |  |

## Booster set

|                           |      |     |                 |     |      |
|---------------------------|------|-----|-----------------|-----|------|
| Operating flow            | m³/h |     | Frequency       | Hz  | 50   |
| Operating head            | m    |     | Number of poles |     | 2    |
| ImpellerDiameter Designed | mm   | 153 | Speed           | rpm | 2800 |

Test standard: ISO 9906:2012 - Grade3B

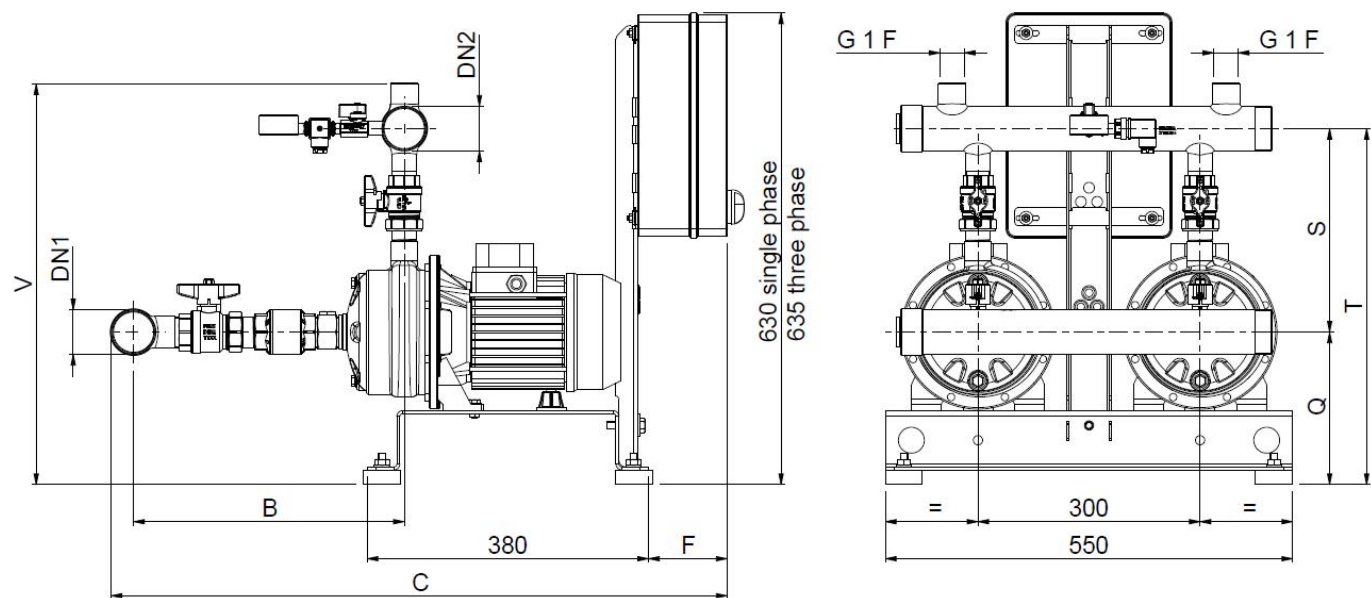
Water; 20°C; 998.3kg/m³; 1cSt



# Dimensions

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2GP 2CDX 70/15

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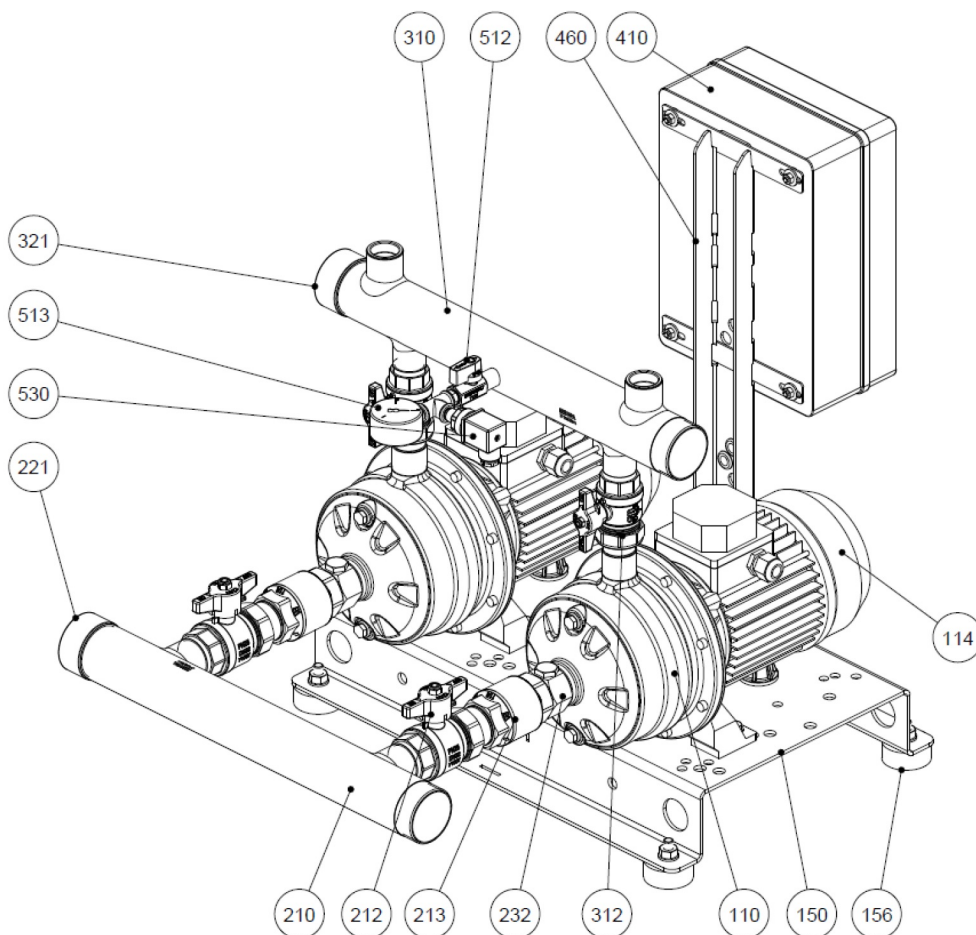
| Dimensions in mm |           |         |  |  |  |  |  |  |
|------------------|-----------|---------|--|--|--|--|--|--|
| 1                | B         | 365     |  |  |  |  |  |  |
| 2                | C         | 830     |  |  |  |  |  |  |
| 3                | DN1       | G 2     |  |  |  |  |  |  |
| 4                | DN2       | G 1 1/2 |  |  |  |  |  |  |
| 5                | F         | 105     |  |  |  |  |  |  |
| 6                | Q         | 220     |  |  |  |  |  |  |
| 7                | S         | 280     |  |  |  |  |  |  |
| 8                | T         | 500     |  |  |  |  |  |  |
| 9                | V         | 550     |  |  |  |  |  |  |
| 10               | Weight kg | 68      |  |  |  |  |  |  |
| 11               |           |         |  |  |  |  |  |  |
| 12               |           |         |  |  |  |  |  |  |
| 13               |           |         |  |  |  |  |  |  |
| 14               |           |         |  |  |  |  |  |  |
| 15               |           |         |  |  |  |  |  |  |

# (1/2) Construction

Booster set name

2GP 2CDX 70/15

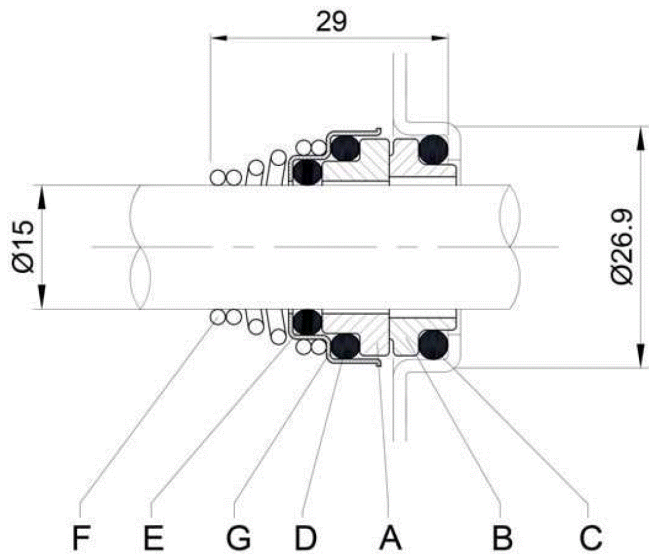
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| N°  | PART NAME              | MATERIAL               | Quantity |
|-----|------------------------|------------------------|----------|
| 110 | Principal pump         | -                      | 2        |
| 114 | Electric motor         | -                      | 2        |
| 150 | Baseplate              | Galvanized steel       | 1        |
| 156 | Baseplate foot         | SBR                    | 4        |
| 210 | Suction manifold       | AISI 304               | 1        |
| 212 | Union ball valve       | Brass / P.T.F.E.       | 2        |
| 213 | Check valve            | Brass / NBR            | 2        |
| 221 | Threaded female cap    | AISI 304               | 1        |
| 232 | Nipple for air feeders | Yellow brass           | 2        |
| 310 | Discharge manifold     | AISI 304               | 1        |
| 312 | Union ball valve       | Brass / P.T.F.E.       | 2        |
| 321 | Threaded female cap    | AISI 304               | 1        |
| 410 | Control panel          | -                      | 1        |
| 460 | Control panel frame    | Galvanized steel       | 1        |
| 512 | Ball valve             | Brass / P.T.F.E.       | 1        |
| 513 | Pressure gauge         | Copper alloy / plastic | 1        |
| 530 | Pressure transmitter   | -                      | 1        |

|          |                 |           |
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MECHANICAL SEAL



STANDARD  
+  
"L" version

| REF | PART NAME            | MATERIAL        |
|-----|----------------------|-----------------|
| A   | Rotary seal ring     | Ceramic         |
| B   | Stationary seal ring | Carbon graphite |
| C   | O-Ring               | NBR             |
| D   | O-Ring               | NBR             |
| E   | O-Ring               | NBR             |
| F   | Self-driving spring  | AISI 316        |
| G   | Frame                | AISI 304        |

BEARINGS

| Pump type    |             | Ball Bearing |            |
|--------------|-------------|--------------|------------|
| Single Phase | Three Phase | Pump side    | Fan side   |
| 2CDXM 70/10  | 2CDX 70/10  | 6203-ZZ C3   | 6202-ZZ C3 |
| 2CDXM 70/12  | 2CDX 70/12  | 6203-ZZ C3   | 6202-ZZ C3 |
| 2CDXM 70/15  | 2CDX 70/15  | 6204-ZZ C3   | 6203-ZZ C3 |
| 2CDXM 70/20  | 2CDX 70/20  | 6204-ZZ C3   | 6203-ZZ C3 |
| 2CDXM 120/15 | 2CDX 120/15 | 6204-ZZ C3   | 6203-ZZ C3 |
| 2CDXM 120/20 | 2CDX 120/20 | 6204-ZZ C3   | 6203-ZZ C3 |
| -            | 2CDX 120/30 | 6305-ZZ C3   | 6205-ZZ C3 |
| -            | 2CDX 120/40 | 6305-ZZ C3   | 6205-ZZ C3 |
| -            | 2CDX 200/30 | 6205-ZZ C3   | 6205-ZZ C3 |
| -            | 2CDX 200/40 | 6305-ZZ C3   | 6205-ZZ C3 |
| -            | 2CDX 200/50 | 6206-ZZ C3   | 6205-ZZ C3 |