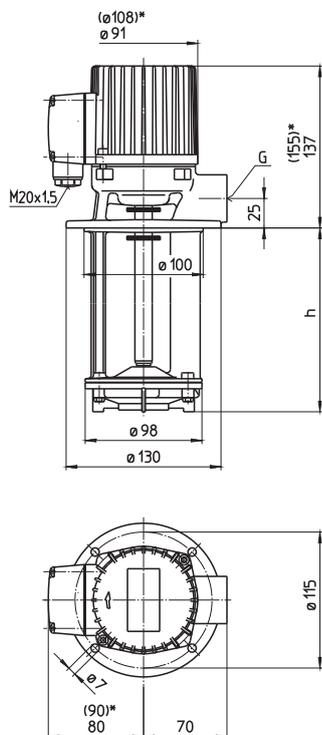


## TB16...100

### Semi-open impellers

**TB16, 25, 40**  
**TB63, 100**



\*) Dimensions for TB63, TB100

| Type             | Vol. del. at manom. del. head l/min / m | Depth of immersion h mm | Pipe connection | Weight kg | Power kW | Voltage 3~ V | Frequency Hz | Current A | Speed 1/min |
|------------------|---|-------------------------|-----------------|-----------|----------|--------------|--------------|-----------|-------------|
| <b>TB16/90</b>   | 16/2                                    | 90                      | G 1/2           | 4.3       | 0.07     | 220-240      | 50           | 0.35      | 2800        |
|                  | 120                                     | 115                     |                 | 4.5       |          | 380-420      | 50           | 0.20      | 2800        |
|                  | 170                                     | 165                     |                 | 5.0       |          | 460          | 60           | 0.20      | 3300        |
|                  | 220                                     | 215                     |                 | 5.5       |          |              |              |           |             |
| <b>TB25/90</b>   | 30/2                                    | 90                      | G 1/2           | 4.3       | 0.1      | 220-240      | 50           | 0.38      | 2700        |
|                  | 120                                     | 115                     |                 | 4.5       |          | 380-420      | 50           | 0.22      | 2700        |
|                  | 170                                     | 165                     |                 | 5.0       |          | 460          | 60           | 0.22      | 3200        |
|                  | 220                                     | 215                     |                 | 5.5       |          |              |              |           |             |
|                  | 270                                     | 265                     | G 3/4           | 6.0       |          |              |              |           |             |
| <b>TB40/90</b>   | 50/2                                    | 95                      | G 3/4           | 4.3       | 0.12     | 220-240      | 50           | 0.44      | 2700        |
|                  | 120                                     | 120                     |                 | 4.5       |          | 380-420      | 50           | 0.25      | 2700        |
|                  | 170                                     | 170                     |                 | 5.0       |          | 460          | 60           | 0.25      | 3200        |
|                  | 220                                     | 220                     |                 | 5.5       |          |              |              |           |             |
|                  | 270                                     | 270                     |                 | 6.0       |          |              |              |           |             |
| <b>TB63/90</b>   | 75/2                                    | 105                     | G 3/4           | 5.0       | 0.21     | 220-240      | 50           | 0.71      | 2800        |
|                  | 120                                     | 130                     |                 | 5.5       |          | 380-420      | 50           | 0.41      | 2800        |
|                  | 170                                     | 180                     |                 | 6.0       |          | 460          | 60           | 0.41      | 3300        |
|                  | 220                                     | 230                     |                 | 6.5       |          |              |              |           |             |
|                  | 270                                     | 280                     |                 | 7.0       |          |              |              |           |             |
| <b>TB100/120</b> | 100/2                                   | 130                     | G 3/4           | 5.5       | 0.24     | 220-240      | 50           | 0.76      | 2750        |
|                  | 170                                     | 180                     |                 | 6.0       |          | 380-420      | 50           | 0.44      | 2750        |
|                  | 220                                     | 230                     |                 | 6.5       |          | 460          | 60           | 0.44      | 3250        |
|                  | 270                                     | 280                     |                 | 7.0       |          |              |              |           |             |
|                  | 350                                     | 360                     |                 | 7.5       |          |              |              |           |             |

### Immersion Pumps

are plain centrifugal pumps with the impeller fitted on the driving shaft extension. They are mounted on top of the container, the pump extension being immersed in the coolant.

The dimensions are based on standard specification **EN 12157**.

The maximum coolant level must stay a few mm/inches below the mounting flange.

### Applications

Types of fluid  
coolants  
cooling/cutting oils  
other fluids on request

Kinematic viscosity  
...45 mm<sup>2</sup>/s (45 cSt)

Pumping temperature  
0...60° C

### Construction

|           |           |
|-----------|-----------|
| Pump body | cast iron |
| Cover     | POM       |
| Impeller  | POM       |
| Shaft     | steel     |

Optional:

|          |                       |
|----------|-----------------------|
| Cover    | cast iron with thread |
| Impeller | cast iron             |

Optional:  
The models of TB16 and TB25 are also available with **single phase motor**.  
For more information see electrical features within the technical information section.

|              |        |
|--------------|--------|
| Noise level  |        |
| TB16...TB100 | 45 dBA |

