

# Unitech Multiple- Stage Centrifugal Pumps Series 170

## Models PC170M1R

APPLICATION:

Find application in processes requiring low flow at high pressure of the pumping out fluid. Possibility for mounting of 2 to 6 working stages. Mounted impellers are of covered type.



STANDARD EQUIPMENT:

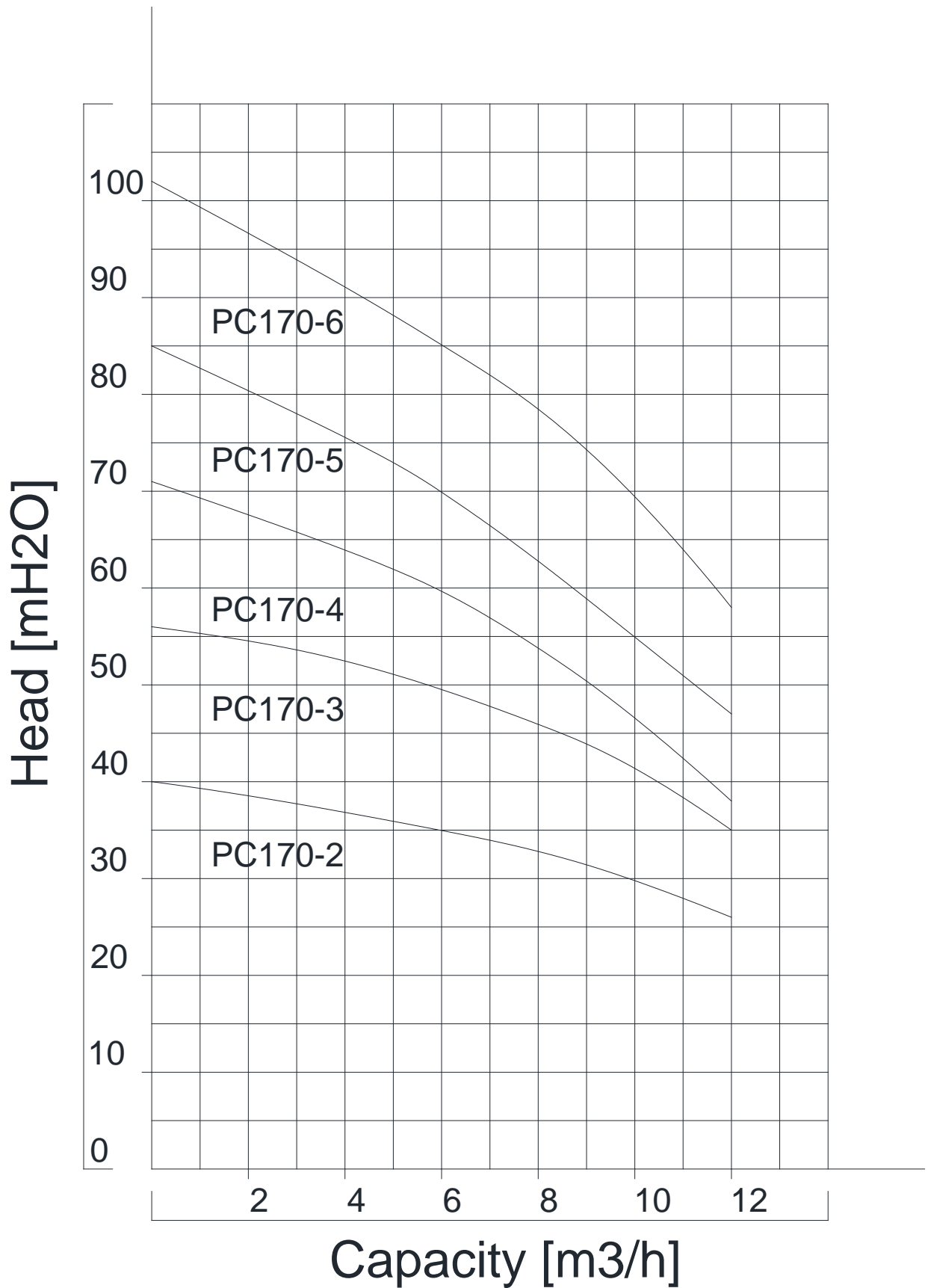
Pump with own geared body joined to the standard electric motor through a connector  
 Mounted on a frame.  
 Material AISI 304  
 Standard Inlet / Outlet: male union joints DIN 11851

OPTIONS:

**\*Ex-modification** (with explosion proof el. motor)  
**\*K-modification** (mounted on a trolley with Starter)  
 Material AISI 316  
 Connection: Garolla, SMS, Macon, Clamp, etc.  
**\*Other Options on Request**

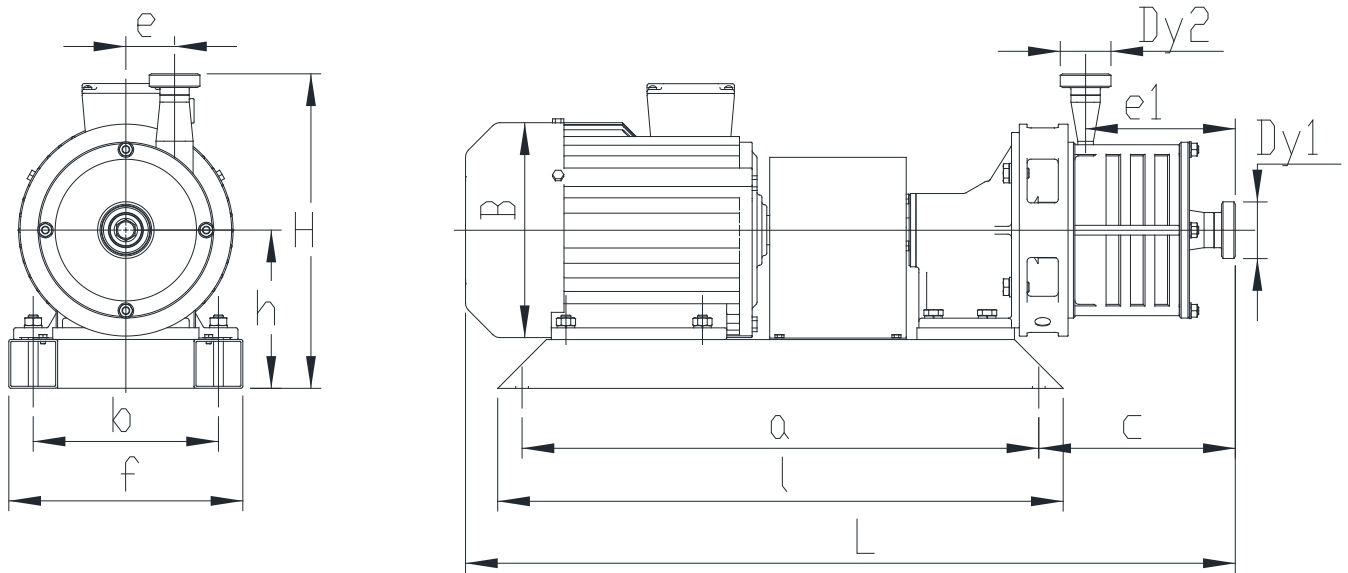
| Technical Parameters |                            |                |                |      |                                |             |        |
|----------------------|----------------------------|----------------|----------------|------|--------------------------------|-------------|--------|
| Model                | Capacity                   | Head           | Electric Motor |      | Connection                     | Temperature | Weight |
|                      |                            |                | kW             | RPM  |                                |             |        |
| PC170M1R-2           | up to 12 m <sup>3</sup> /h | up to 3.5 bar  | 2.2            | 2820 | male union joints<br>DIN 11851 | +2 ÷ +120°C | 40 kg  |
| PC170M1R-3           |                            | up to 5.5 bar  | 3.0            | 2820 |                                |             | 48 kg  |
| PC170M1R-4           |                            | up to 7.0 bar  | 4.0            | 2820 |                                |             | 52 kg  |
| PC170M1R-5           |                            | up to 8.5 bar  | 4.0            | 2820 |                                |             | 54 kg  |
| PC170M1R-6           |                            | up to 10.0 bar | 5.5            | 2820 |                                |             | 56 kg  |

## Characteristic Curves of the Unitech Multiple- Stage Centrifugal Pumps Series 170



\*with fluid – water at temperature 20 °C.  
\*with pipes equal with pump's connections.

Dimensions of the Unitech Multiple- Stage Centrifugal Pumps Series 170  
Models PC170M1R



| Dimensions, mm |     |     |     |     |     |     |    |     |     |     |     |     |     |    |
|----------------|-----|-----|-----|-----|-----|-----|----|-----|-----|-----|-----|-----|-----|----|
| Model          | Dy1 | Dy2 | L   | B   | H   | h   | e  | e1  | b   | f   | a   | c   | l   | s  |
| PC170M1R-2     | 32  | 25  | 720 | 190 | 320 | 160 | 50 | 103 | 190 | 250 | 530 | 145 | 600 | 13 |
| PC170M1R-3     |     |     | 750 | 190 |     |     |    | 128 |     |     |     | 170 |     |    |
| PC170M1R-4     |     |     | 780 | 220 |     |     |    | 153 |     |     |     | 195 |     |    |
| PC170M1R-5     |     |     | 810 | 220 |     |     |    | 178 |     |     |     | 220 |     |    |
| PC170M1R-6     |     |     | 840 | 260 |     |     |    | 302 |     |     |     | 245 |     |    |