



ADVANTAGES

- Accidentally dry run capability with carbon impeller bearing
- Energy saving

FEATURES

- Seal less magnetic drive coupling
- Tmax exercise: PP 80°C - PVDF 98°C
- Connections:
 - socket union for rigid piping connection with PP, PVC, PVDF union ends choice
 - hose barb for hose connetctions
 - flanged

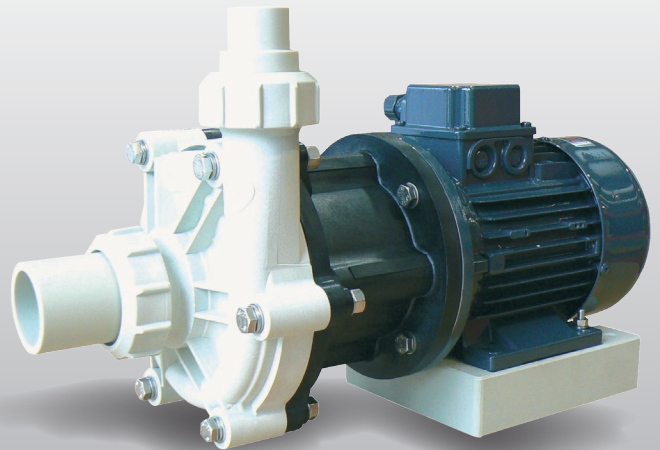
APPLICATION FIELDS

- Acid and alkaline soutions with minimal solid suspended particles
- Electroplating, Chemical and PCB industry

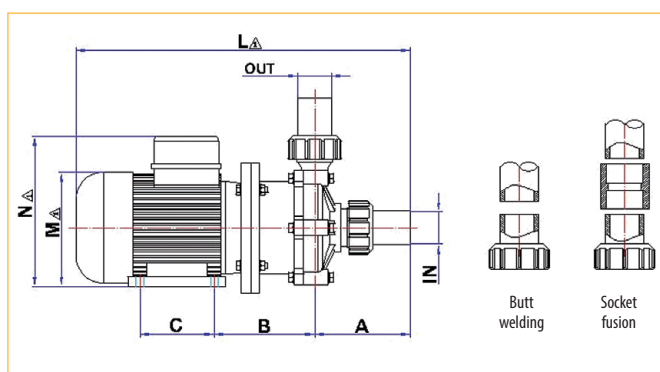
SPECIFICATIONS

| | Flow Rate max (l/min.) | Head max (m) | Motor (kw) | IN/OUT D (mm) | T max (°C) | Weight* (kg) |
|-------|------------------------|--------------|------------|---------------|------------|--------------|
| 50 Hz | 200 | 12 | 0,55 | 50 x 32 | PP: 80 | PP: 9,50 |
| 60 Hz | 210 | 13 | 0,55 | 50 x 32 | PVDF: 98 | PVDF: 10,00 |

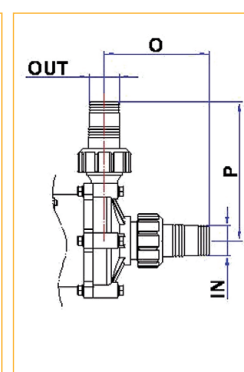
* It depends on the motor



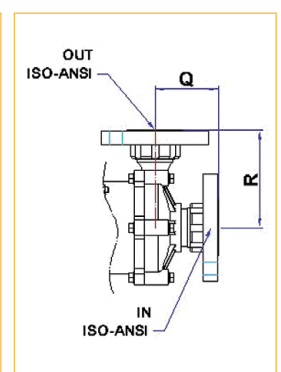
CONNECTION TYPE B



CONNECTION TYPE P



CONNECTION TYPE F



Dimensions:

| Mod. | A | B | C | D | E | F Δ | G | H | I | L Δ | M Δ | N Δ | O | P | Q | R | IN | OUT |
|-------|-------|-------|----|----|-----|------------|-----|----|-----|------------|------------|------------|-------|-----|------|-----|----|-----|
| EVT12 | 108,0 | 174,0 | 90 | 65 | 112 | 136 | 195 | 71 | 155 | 446 | 137 | 170 | 153,0 | 200 | 67,0 | 125 | 50 | 32 |

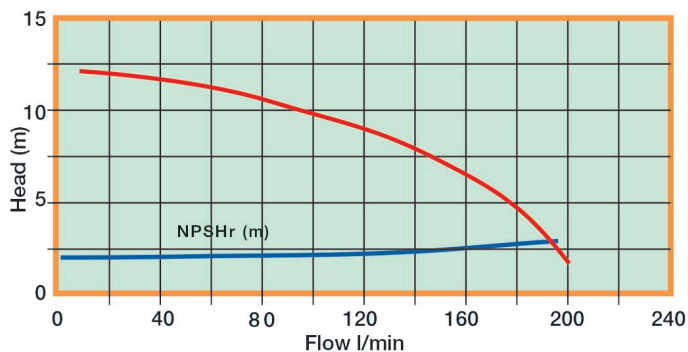
Δ It changes according with motor supplier

PUMP IDENTIFICATION

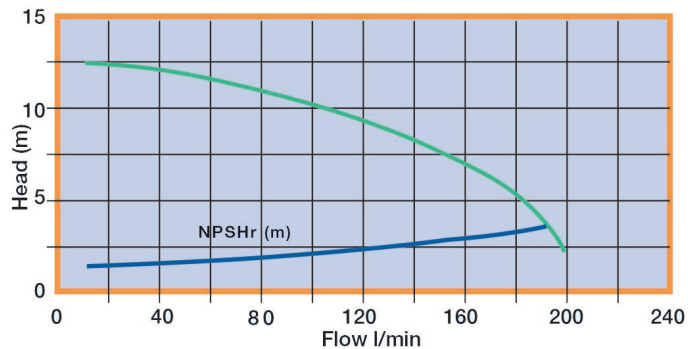
| Model | Pump body | Impeller | Shaft | Impeller bearing | O-Ring | Connections | Motor / rpm |
|---------------|--------------------|--------------------|------------------------|---------------------------------------|-----------------------|---|--------------------------------------|
| EVT 12 | P = PP F = PVDF | P = PP F = PVDF | C = Ceramic S = SIC | T = PTFE G = Carbon C = Ceramic | E = EPDM V = Viton | B = Socket union F = Flanged P = Hosebarb | A = 50 Hz / 2800 B = 60 Hz / 3400 |
| EVT 12 | P | P | C | G | E | B | A |

EVT - Pumps have dry run accidentally capability when equipped with carbon impeller bearing

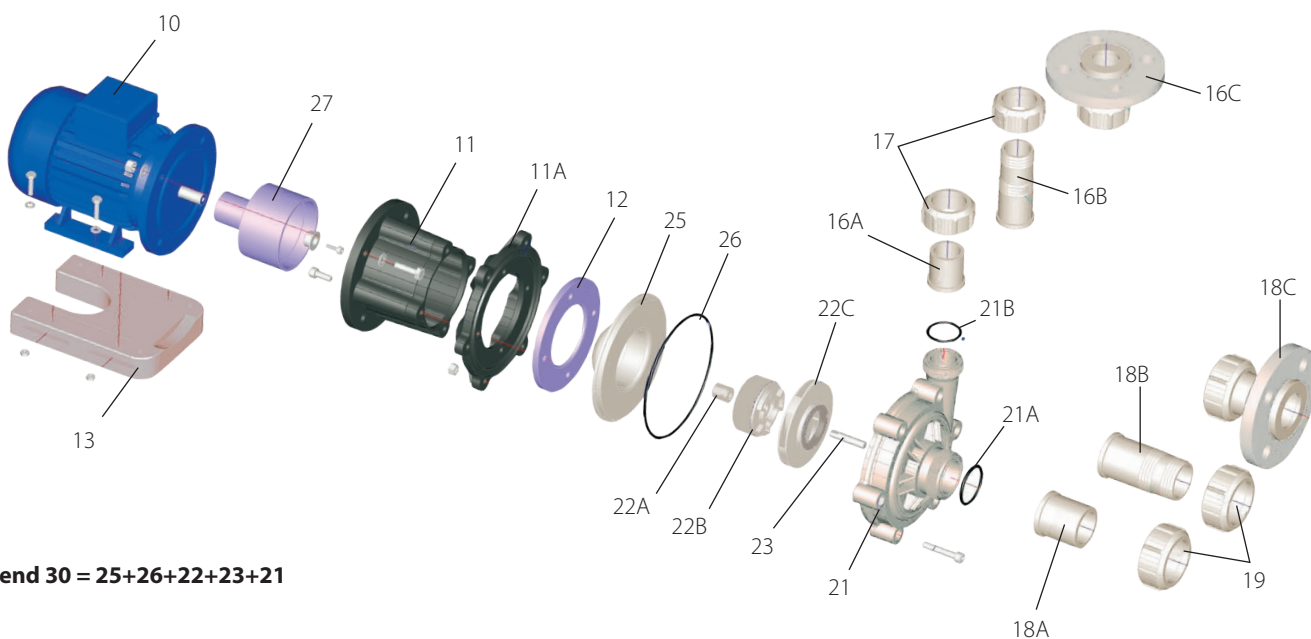
Performance Curve 50 Hz - Rpm 2800



Performance Curve 60 Hz - Rpm 3400



Curves refer to water T = 20°C



Wet-end 30 = 25+26+22+23+21

- | | | |
|----------------------------|--------------------------|------------------------|
| 10 Motor | 17 Discharge nut | 22 Impeller assembly |
| 11 Bracket | 18A Rigid piping suction | 22A Impeller bearing |
| 11A Flange Bracket | 18B Suction hosebarb | 22B Impeller magnet |
| 12 Centering ring | 18C Suction flange | 22C impeller |
| 13 Base plate | 19 Suction nut | 23 Shaft |
| 16A Rigid piping discharge | 21 Pump housing | 25 Rear casing |
| 16B Discharge hosebarb | 21A Suction O-Ring | 26 Pump housing O-Ring |
| 16C Discharge flange | 21B Discharge O-Ring | 27 Drive magnet |

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