

1 MTS 140-20 R46 D8.6



Screw spindle pump designed for pumping of cooling lubricants and cutting oils water/oil emulsion min. 3% for machine tool applications. The pump is designed to be mounted on top of tanks with pump immersed in the pumped liquid.

The pump has the following characteristics:

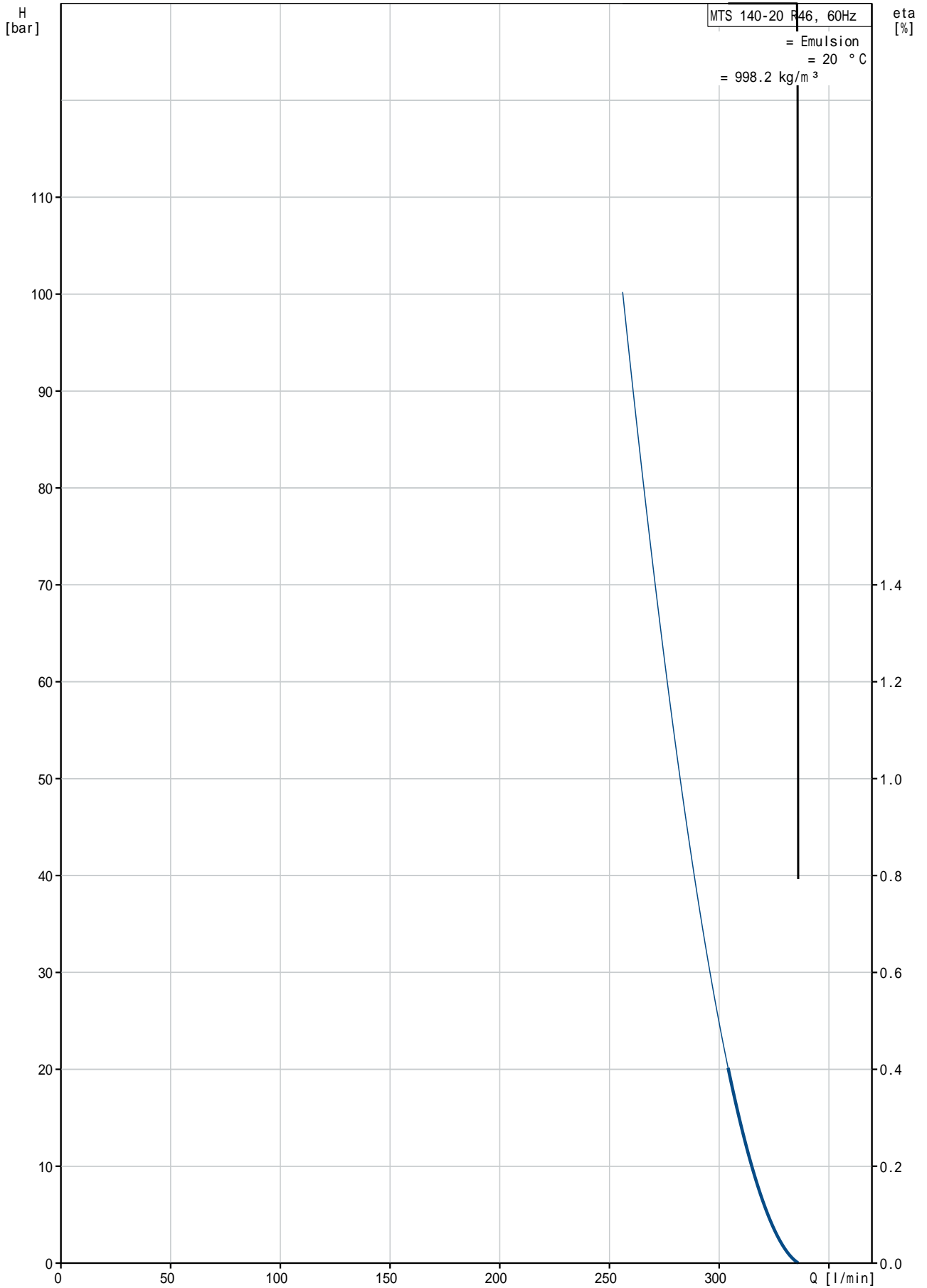
- High efficiency ensures very low heat input into the cooling lubricant.
- Axial thrust completely neutralised hydrostatically.
- Very wear resistant due specially hardened surfaces.
- D8.6 - mechanical shaft seal according to EN 12756.
- Power transmission via cast iron flexible coupling.

The motor is a 3-phase AC motor.

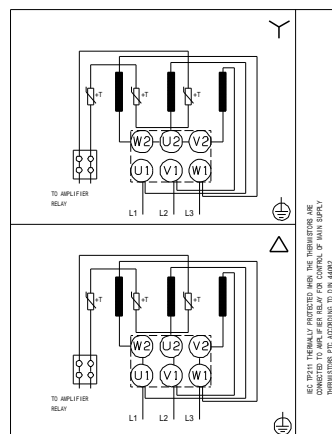
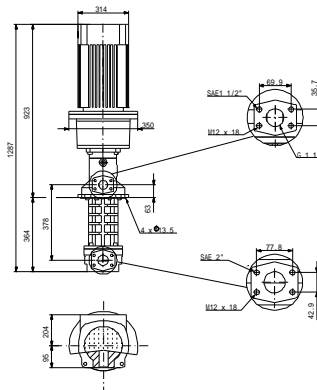
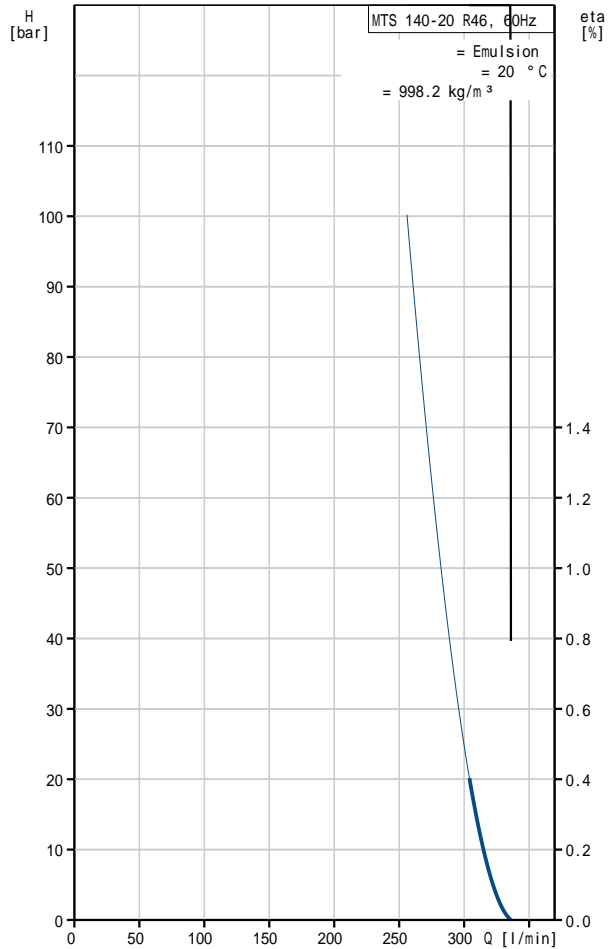
| | | |
|-----------|---|-------------------------|
| : | : | Emulsion |
| : | : | 80 °C |
| : | : | 20 °C |
| : | : | 998.2 kg/m ³ |
| : | : | |
| : | 가 | : 3500 rpm |
| : | : | 304 l/min |
| 1 | : | D8.6 |
| 가: | : | CE,EAC |
| : | : | |
| : | : | 60 °C |
| : | : | 20 bar |
| : | : | SAE 2" |
| : | : | G 1 1/4" / SAE 1 1/2" |
| : | : | 0 mm |
| : | : | FF300 |
| : | : | |
| IE | : | 160MD |
| : | : | IE2 - IE3 |
| - P2: | : | 15 kW |
| (P2): | : | 12.5 kW |
| : | : | 60 Hz |
| : | : | 3 x 380-480D/660-690Y V |
| : | : | 28,0-22,4/16,2-15,6 A |
| : | : | 580-890 % |
| cos phi - | : | 0.90-0.86 |
| : | : | 3520-3550 rpm |

| | | |
|-------------|---|-----------------------|
| : | : | IE2 90,2% - IE3 91,0% |
| | : | 90.2-91.0 % |
| 3/4 | : | 92.4 % |
| 1/2 | : | 92.4 % |
| : | : | 2 |
| (IEC 34-5): | : | 55 Dust/Jetting |
| (IEC 85): | : | F |
| : | : | |
| : | : | 174 kg |

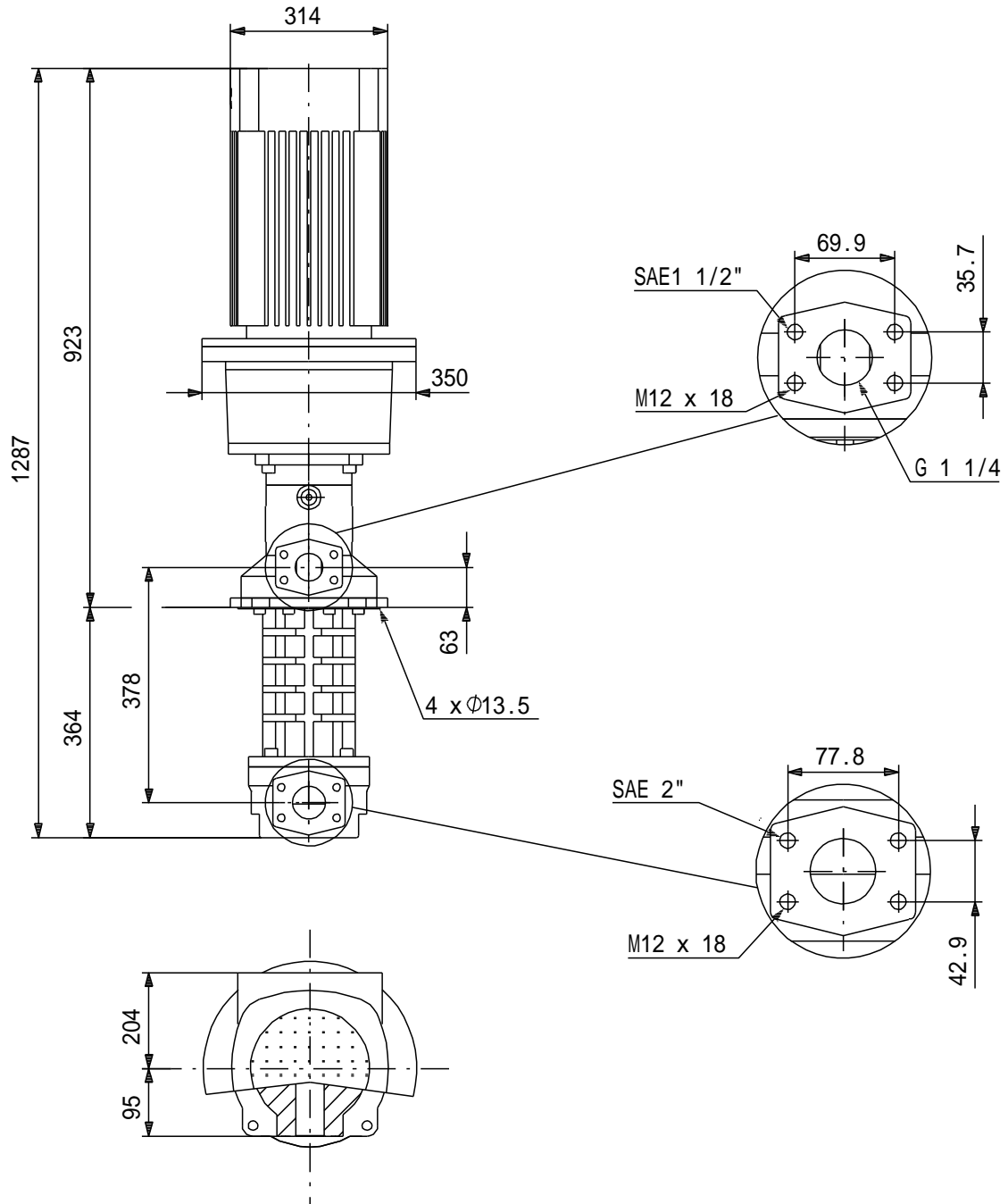
MTS 140-20 R46 D8.6 60 Hz



| | |
|---------------------|-------------------------|
| MTS 140-20 R46 D8.6 | |
| EAN | |
| 가 | 3500 rpm |
| | 304 l/min |
| 1 | D8.6 |
| 가: | CE, EAC |
| | A |
| | 60 °C |
| | 20 bar |
| | SAE 2" |
| | G 1 1/4" / SAE 1 1/2" |
| | 0 mm |
| | FF300 |
| | DRY |
| | Emulsion |
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| | 998.2 kg/m ³ |
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| | 580-890 % |
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| | 3520-3550 rpm |
| | IE2 90,2% - IE3 91,0% |
| | 90.2-91.0 % |
| 3/4 | 92.4 % |
| 1/2 | 92.4 % |
| | 2 |
| (IEC 34-5): | 55 Dust/Jetting |
| (IEC 85): | F |
| | PTC |
| | 87420022 |
| Pos term | 12 o'clock |
| | 174 kg |
| | 3 % |
| | 46 |



MTS 140-20 R46 D8.6 60 Hz



! [mm]

MTS 140-20 R46 D8.6 60 Hz



IEC TP211 THERMALLY PROTECTED WHEN THE THERMISTORS ARE
CONNECTED TO AMPLIFIER RELAY FOR CONTROL OF MAIN SUPPLY
THERMISTORS PTC ACCORDING TO DIN 44082