

1 MTS 80-100 R36 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:

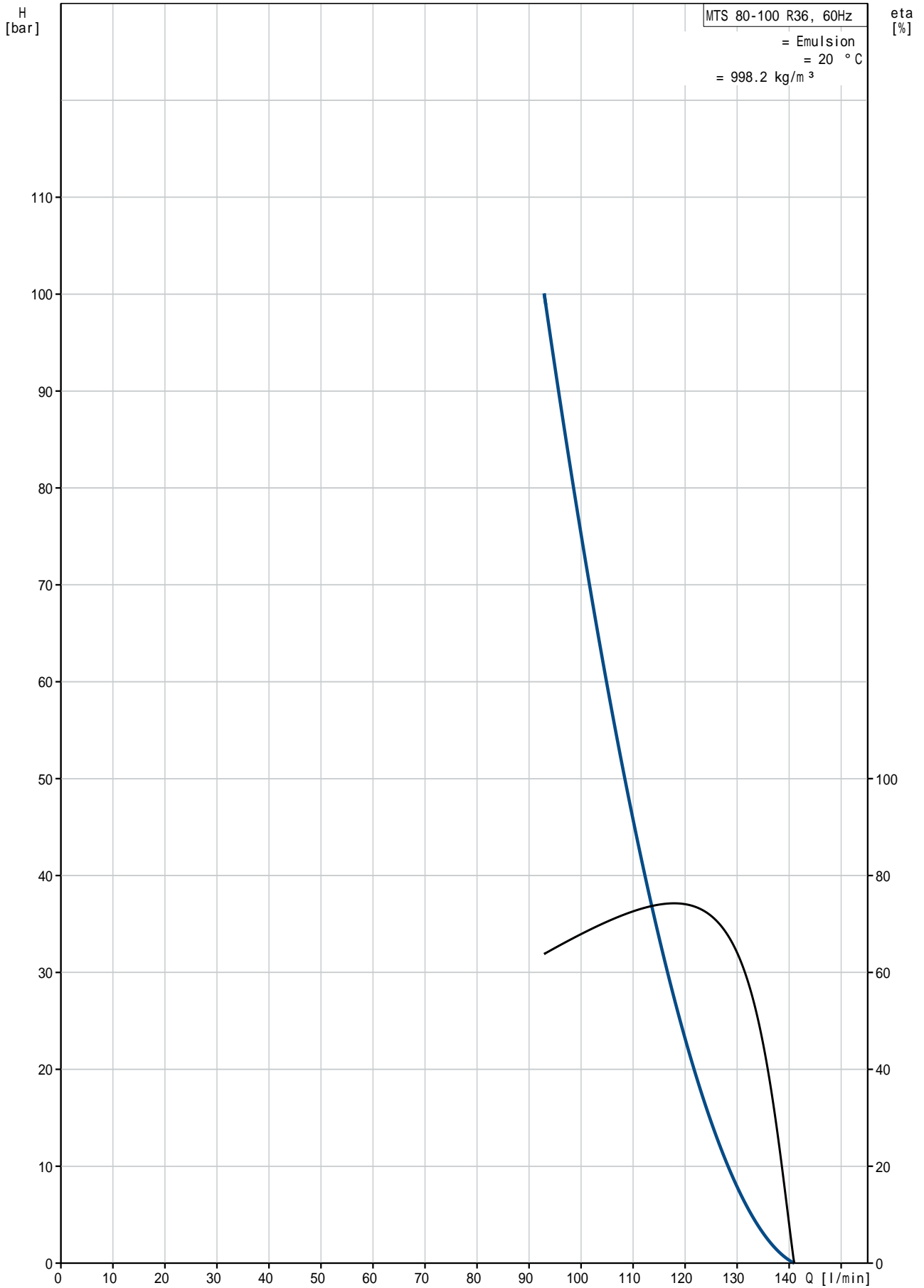
- High efficiency ensures very low heat input into the cooling lubricant.
- Axial thrust completely neutralised hydrostatically.
- Very wear resistant due specially hardened surfaces.
- D8.6 - mechanical shaft seal according to EN 12756.
- Power transmission via cast iron flexible coupling.

The motor is a 3-phase AC motor.

:	:	Emulsion
:	:	80 °C
:	:	20 °C
:	:	998.2 kg/m <sup>3</sup>
:	가	: 3500 rpm
1	:	92.9 l/min
가:	:	D8.6
:	:	CE
:	:	55 °C
:	:	100 bar
:	:	SAE 2"
:	:	G 1 1/4" / SAE 1 1/2"
:	:	0 mm
:	:	FF350
IE	:	SIEMENS
:	:	NEMA Premium / IE3 60Hz
- P2:	:	30 kW
(P2):	:	24.2 kW
:	:	60 Hz
:	:	3 x 380-420D/660-725Y V
:	:	56,0-50,0/32,0-29,0 A
:	:	610-610 %
cos phi -	:	0.89
:	:	3545 rpm



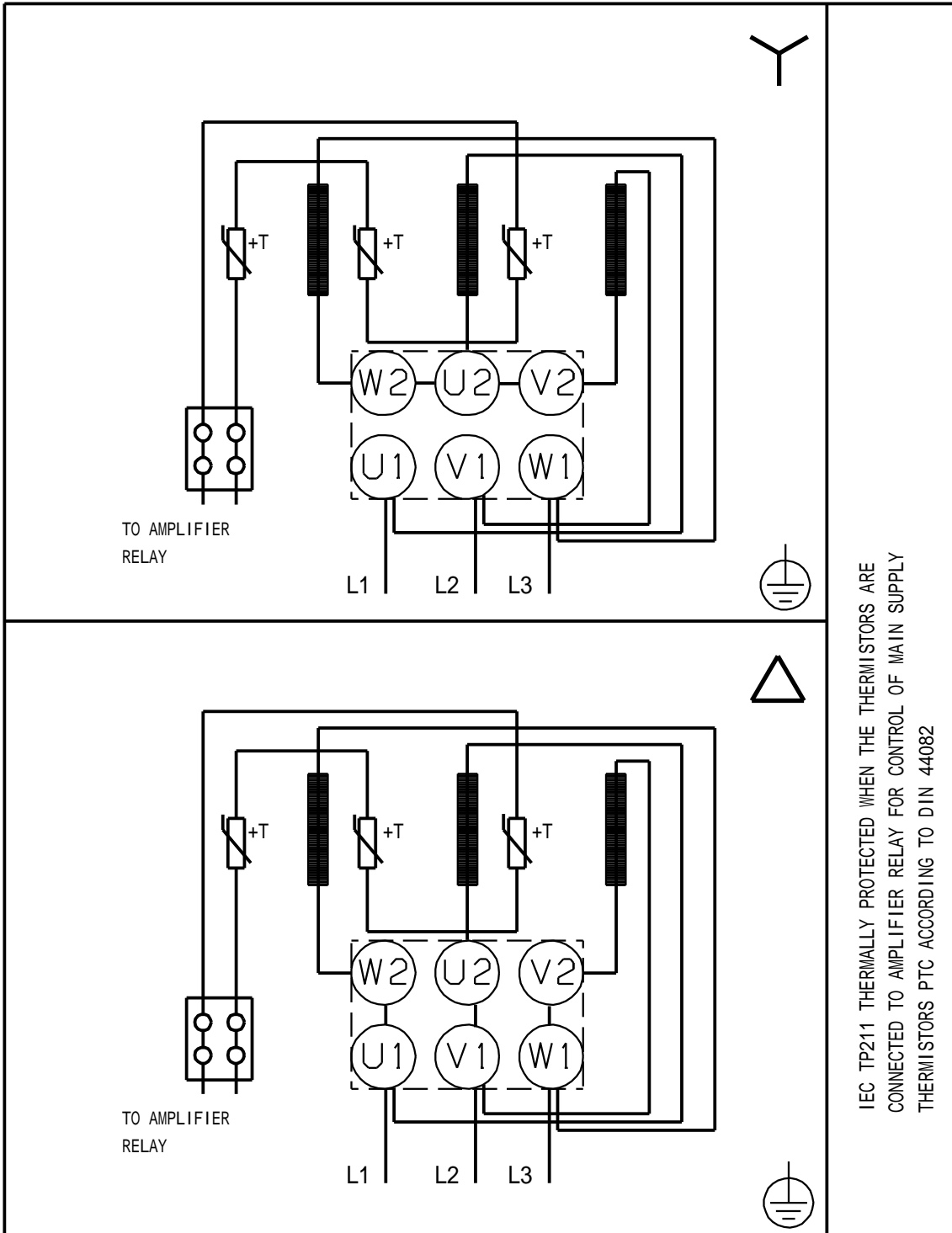
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IEC TP211 THERMALLY PROTECTED WHEN THE THERMISTORS ARE CONNECTED TO AMPLIFIER RELAY FOR CONTROL OF MAIN SUPPLY THERMISTORS PTC ACCORDING TO DIN 44082