

1 MTS 40-70 R46 DQ



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.
- DQ - shaft seal ring.
- Power transmission via cast iron flexible coupling.

The motor is a 3-phase AC motor.

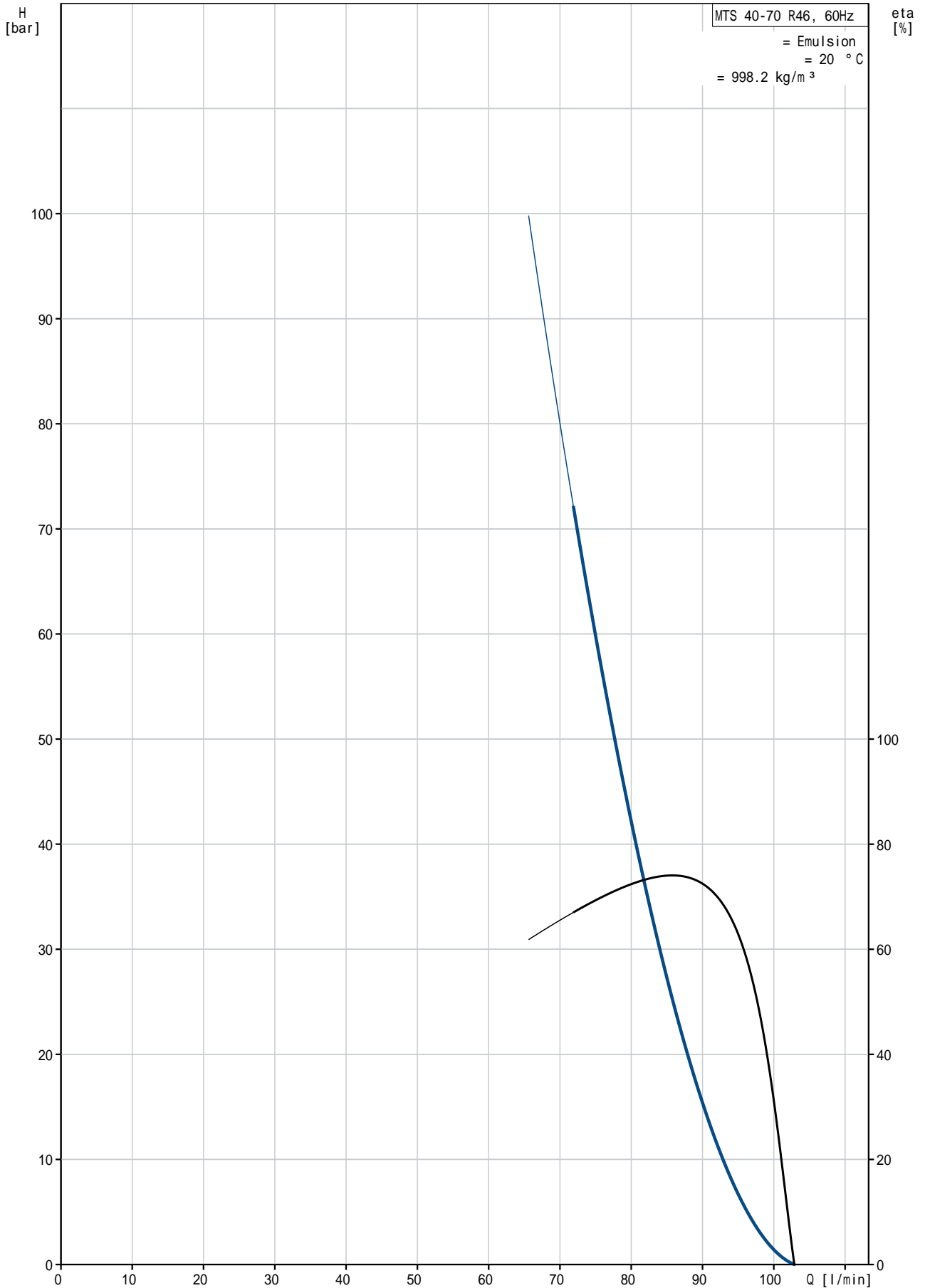
:	:	Emulsion
:	:	80 °C
:	:	20 °C
:	:	998.2 kg/m ³
:	:	
:	가	: 3500 rpm
1	:	72.4 l/min
:	:	DQ
가:	:	CE,EAC
:	:	
:	:	60 °C
:	:	70 bar
:	:	G1 1/4"
:	:	G 3/4" / SAE 1"
:	:	286 mm
:	:	FF300
:	:	
IE	:	160MD
:	:	IE2 - IE3
- P2:	:	15 kW
(P2):	:	12.5 kW
:	:	60 Hz
:	:	3 x 380-480D/660-690Y V
:	:	28,0-22,4/16,2-15,6 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

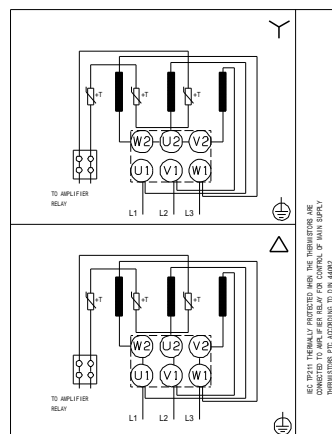
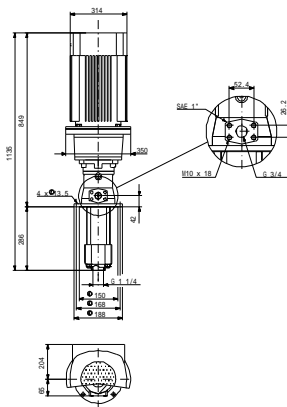
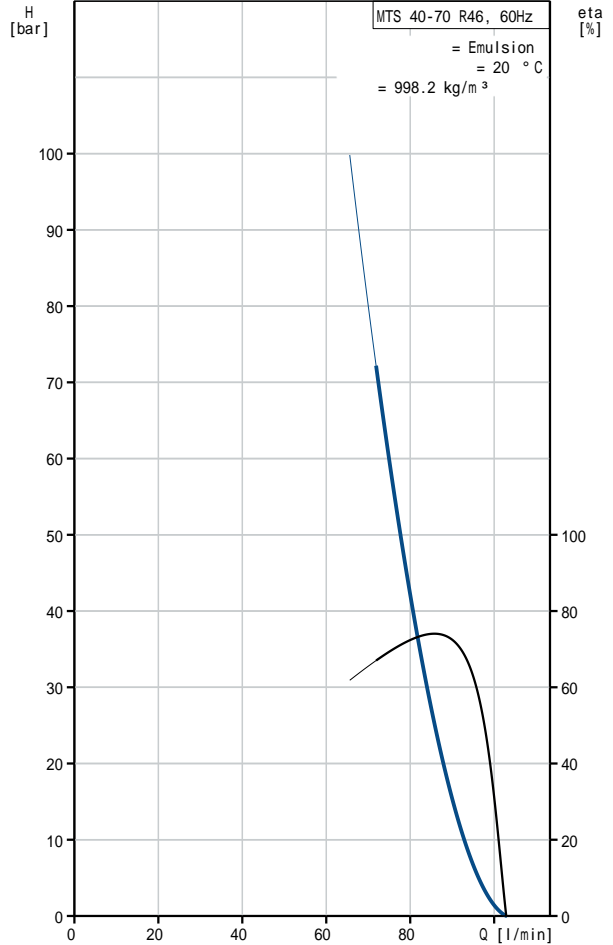
:

: 134 kg

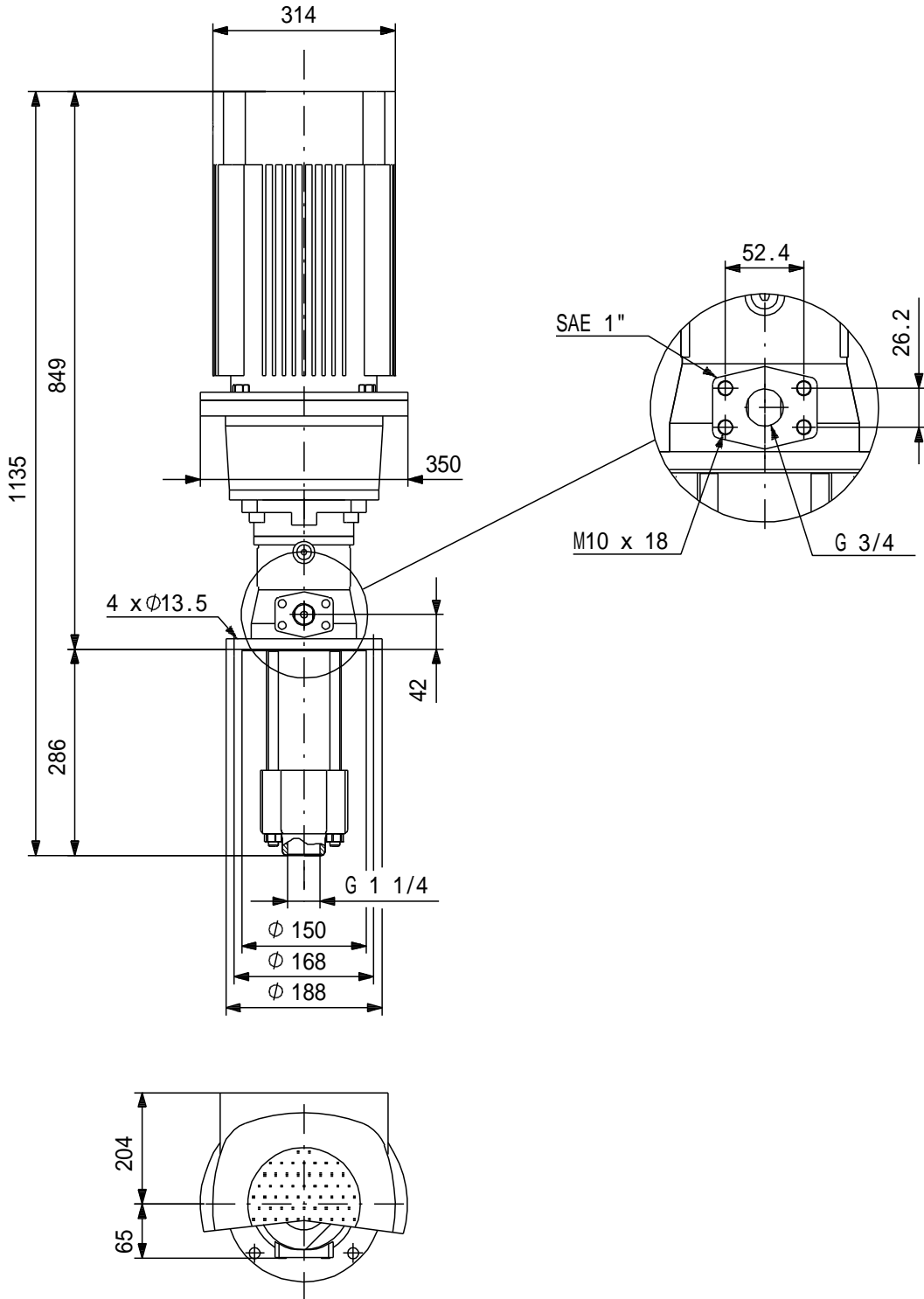
MTS 40-70 R46 DQ 60 Hz



MTS 40-70 R46 DQ	
EAN	
가	3500 rpm
	72.4 l/min
1	DQ
가:	CE, EAC
	A
	60 °C
	70 bar
	G1 1/4"
	G 3/4" / SAE 1"
	286 mm
	FF300
	Emulsion
	80 °C
	20 °C
	998.2 kg/m ³
	160MD
IE	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
	PTC
	87420022
Pos term	12 o'clock
	134 kg
	3 %
	46

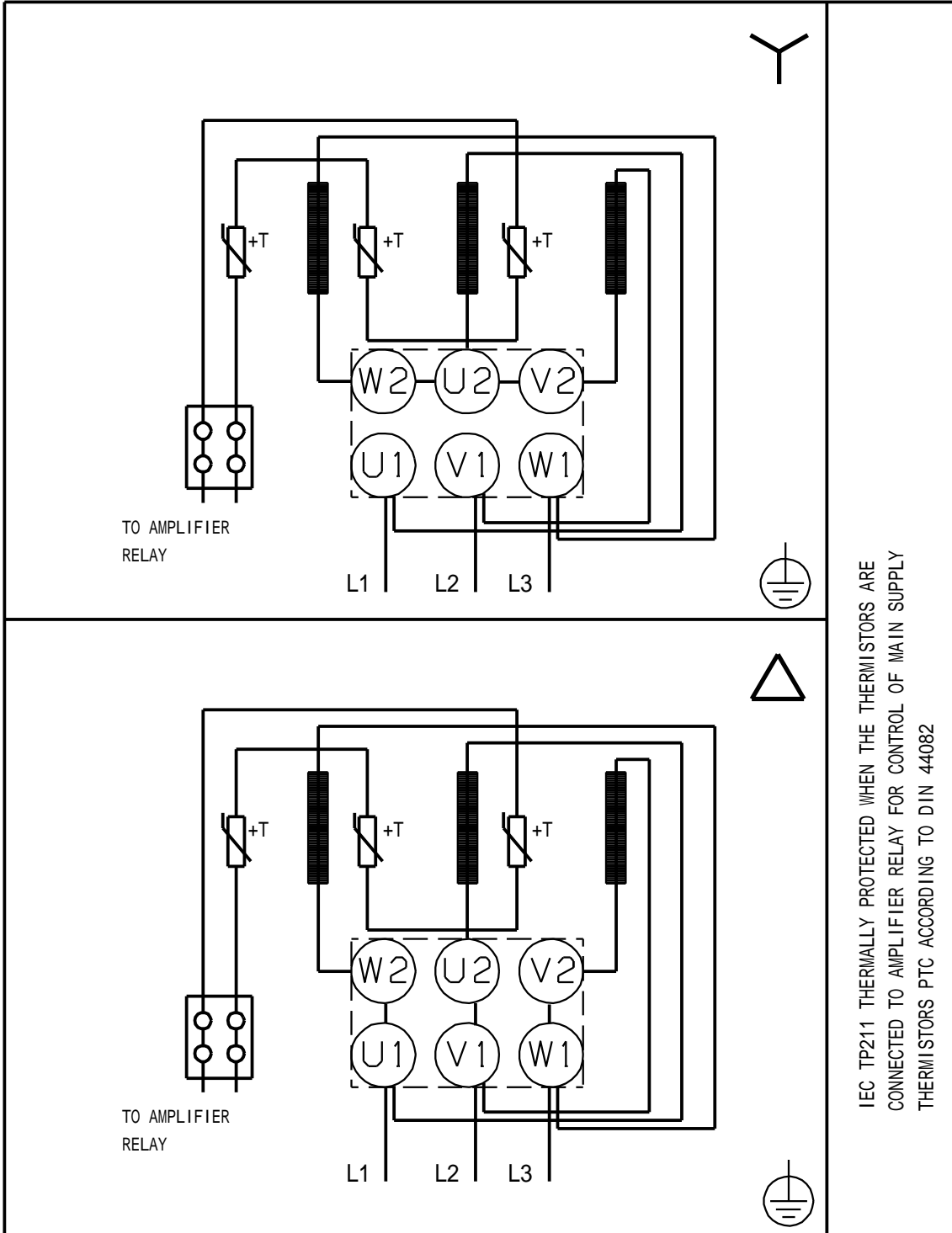


MTS 40-70 R46 DQ 60 Hz



[mm]

MTS 40-70 R46 DQ 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