

1 MTS 40-70 R38 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:

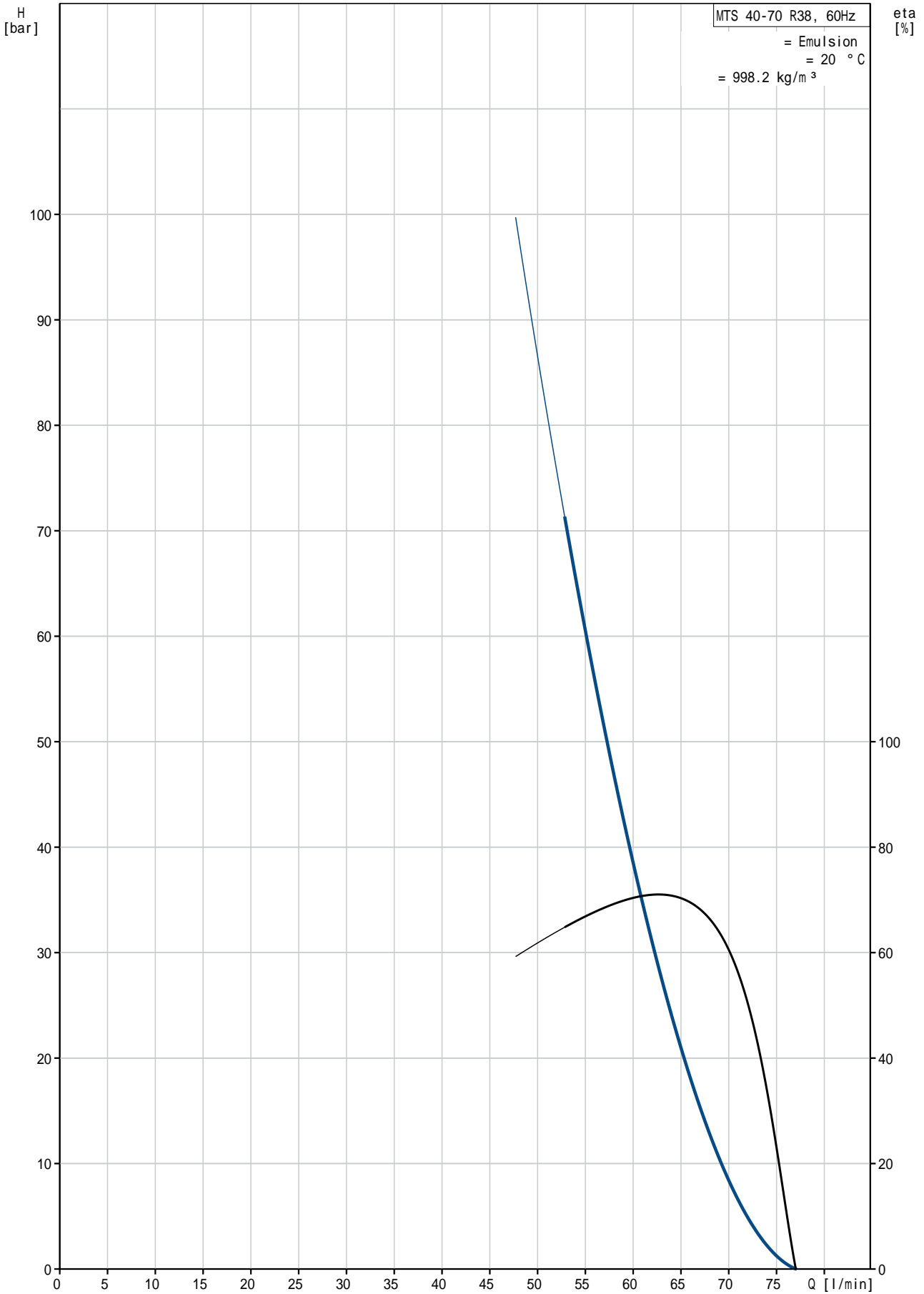
- High efficiency ensures very low heat input into the cooling lubricant.
- Axial thrust completely neutralised hydrostatically.
- Very wear resistant due specially hardened surfaces.
- D8.6 - mechanical shaft seal according to EN 12756.
- Power transmission via cast iron flexible coupling.

The motor is a 3-phase AC motor.

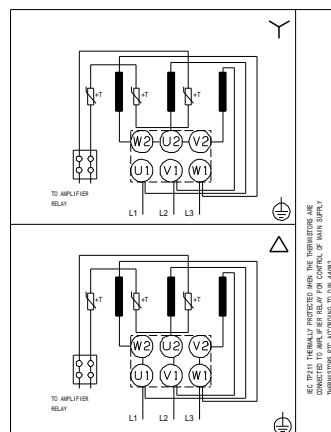
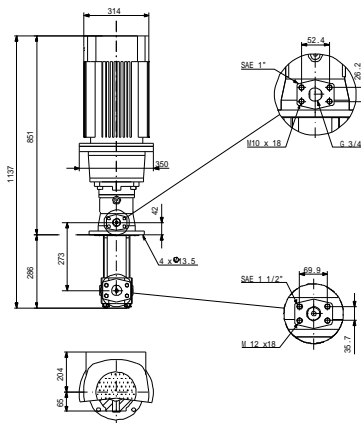
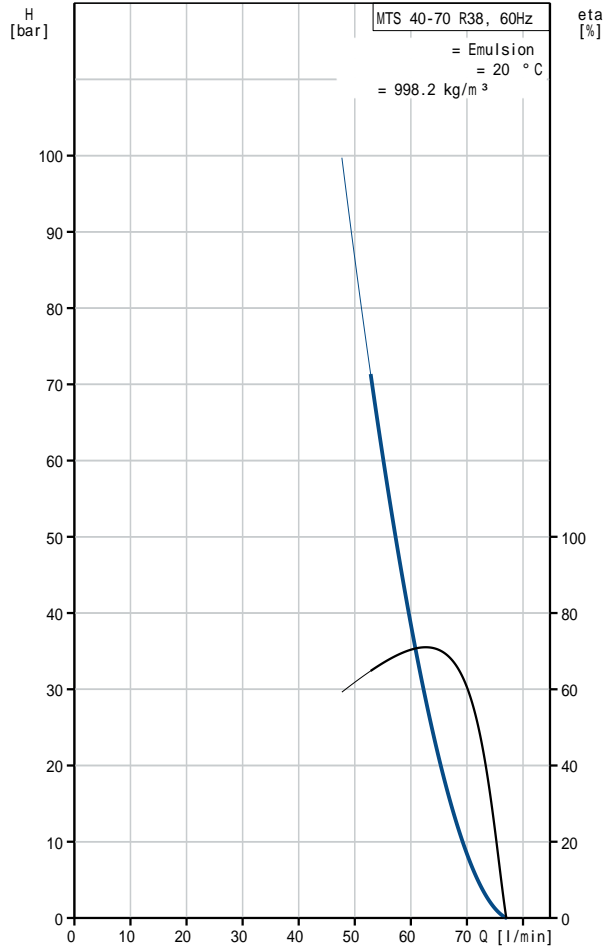
:	:	Emulsion
:	:	80 °C
:	:	20 °C
:	:	998.2 kg/m <sup>3</sup>
:	가	: 3500 rpm
1	:	53.1 l/min
가:	:	D8.6
:	:	CE,EAC
:	:	60 °C
:	:	70 bar
:	:	SAE 1 1/2"
:	:	G 3/4" / SAE 1"
:	:	0 mm
:	:	FF300
IE	:	160MB
	:	IE2 - IE3
	- P2:	11 kW
	(P2):	9.5 kW
	:	60 Hz
	:	3 x 220-277D/380-480Y V
	:	36,0-30,0/20,8-17,2 A
	:	580-890 %
cos phi -	:	0.89-0.83
:	:	3520-3550 rpm

:	:	IE2 90,2% - IE3 91,0%
	:	90.2-91.0 %
3/4	:	91.8 %
1/2	:	91.3 %
:	:	2
(IEC 34-5):	:	55 Dust/Jetting
(IEC 85):	:	F
:	:	
:	:	122 kg

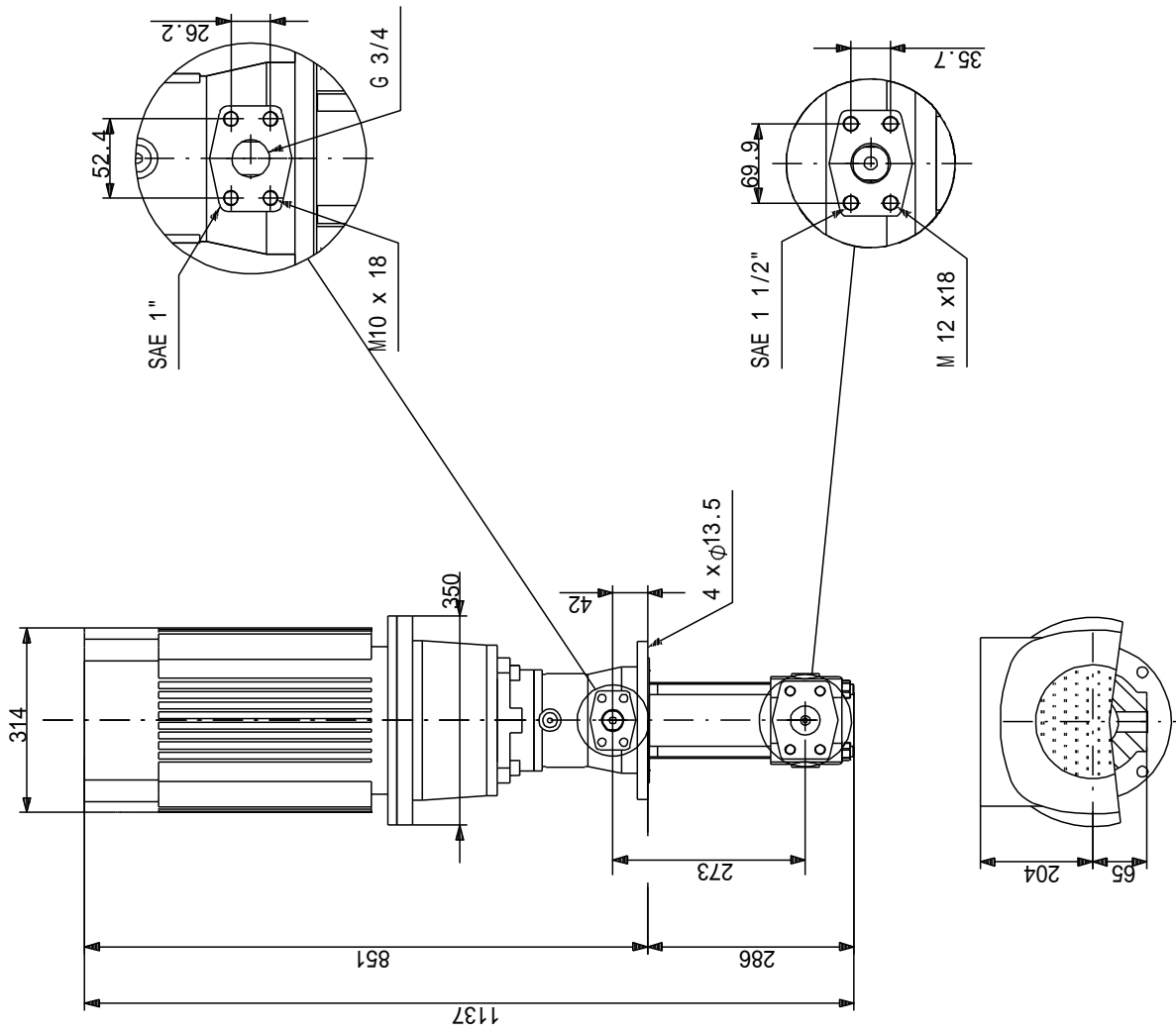
### MTS 40-70 R38 D8.6 60 Hz



: : MTS 40-70 R38 D8.6	
EAN	:
:	:
:	가
:	3500 rpm
:	53.1 l/min
1	:
:	D8.6
:	가:
:	CE, EAC
:	A
:	:
:	60 °C
:	70 bar
:	SAE 1 1/2"
:	G 3/4" / SAE 1"
:	0 mm
:	:
:	FF300
:	DRY
:	:
:	Emulsion
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:	20 °C
:	998.2 kg/m <sup>3</sup>
:	:
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IE	:
:	IE2 - IE3
- P2:	11 kW
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:	90.2-91.0 %
3/4	:
:	91.8 %
1/2	:
:	91.3 %
:	2
:	(IEC 34-5):
:	55 Dust/Jetting
:	(IEC 85):
:	F
:	PTC
:	87420001
:	:
Pos term	:
:	12 o'clock
:	:
:	122 kg
:	3 %
:	38



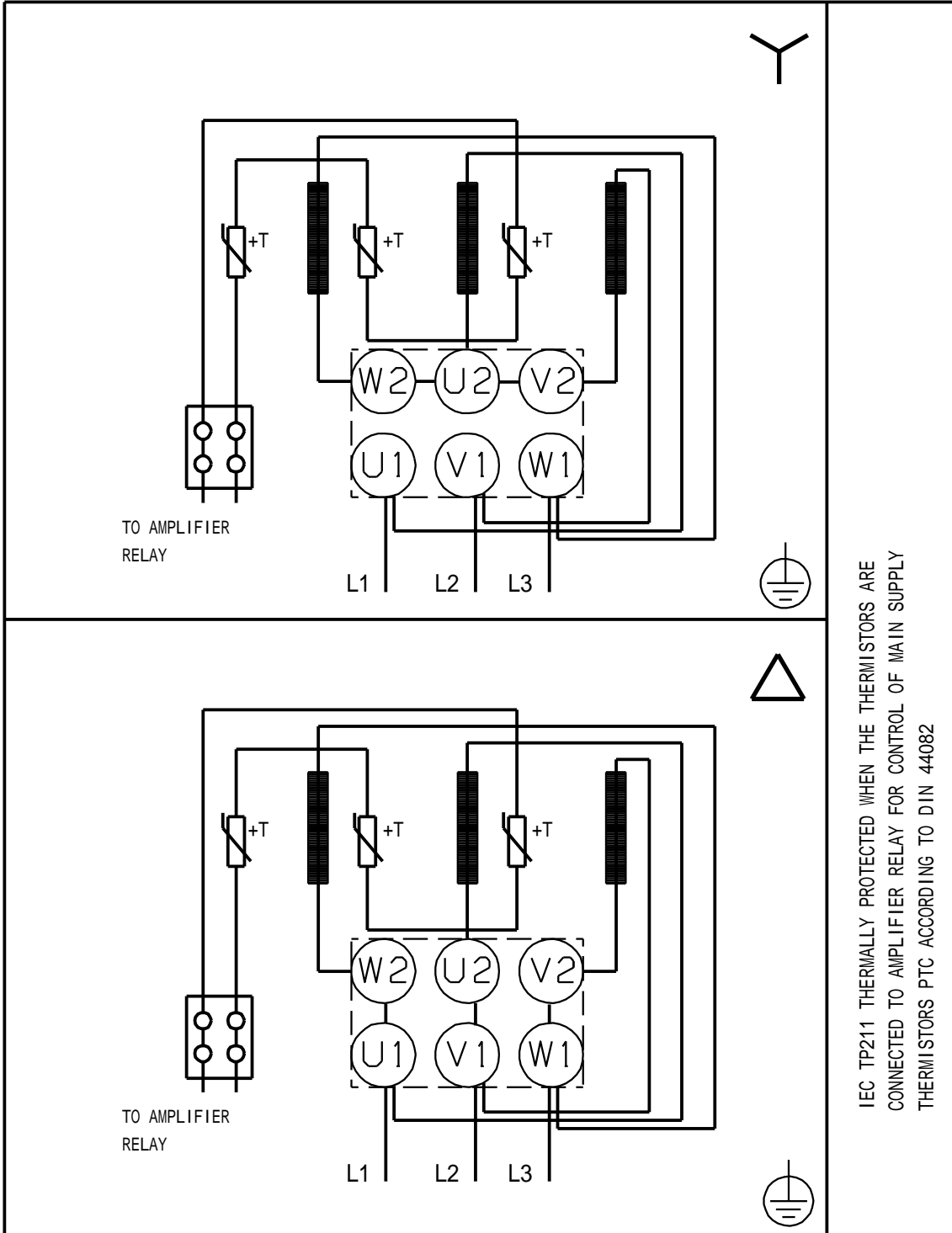
MTS 40-70 R38 D8.6 60 Hz



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[mm]

MTS 40-70 R38 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