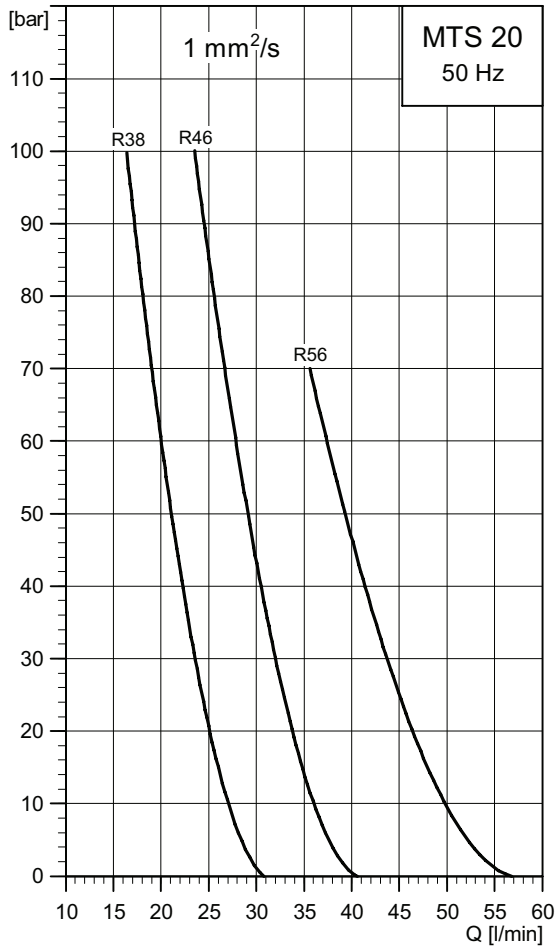
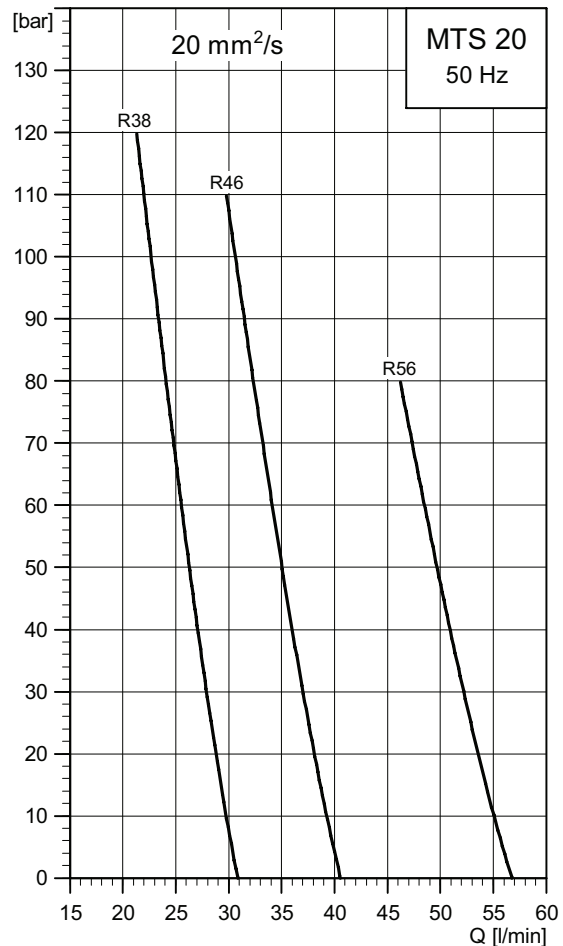


Performance range

Performance data at 1 mm²/s
(emulsion)



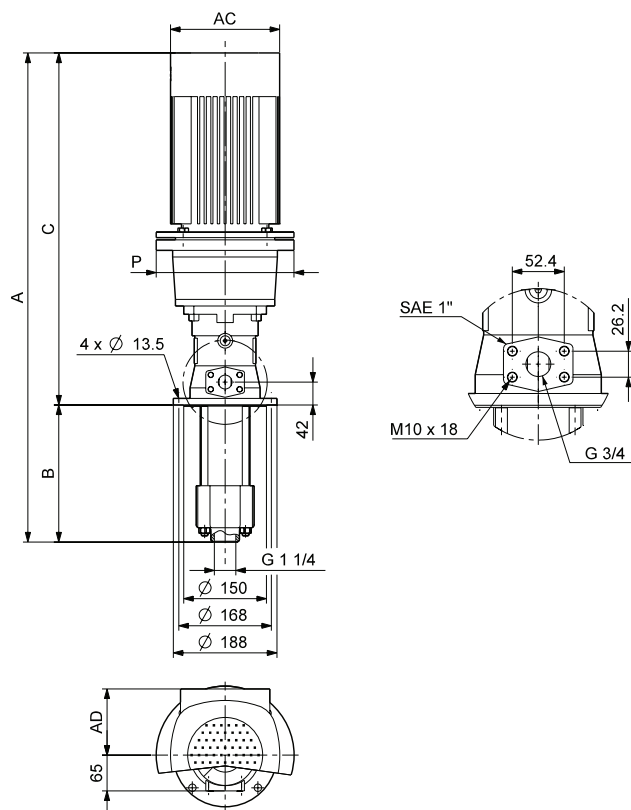
Performance data at 20 mm²/s
(cutting oil with EP additives)



Performance table

Pressure	1 mm ² /s (emulsion)						20 mm ² /s (cutting oil with EP additives)					
	R38		R46		R56		R38		R46		R56	
	Q	P	Q	P	Q	P	Q	P	Q	P	Q	P
bar	l/min	kW	l/min	kW	l/min	kW	l/min	kW	l/min	kW	l/min	kW
0	30.9	0.3	40.6	0.3	56.8	0.3	30.9	0.3	40.6	0.3	56.8	0.3
10	27	0.8	36	1	49.8	1.3	29.7	0.8	39.2	1	55	1.3
20	25.1	1.3	33.8	1.7	46.4	2.2	28.8	1.3	38.1	1.7	53.6	2.2
30	23.6	1.9	32	2.3	43.7	3.2	27.9	1.9	37	2.3	52.2	3.2
40	22.3	2.4	30.5	3	41.4	4.1	27.1	2.4	36	3	50.9	4.1
50	21.1	2.9	29.1	3.7	39.3	5	26.3	2.9	35.1	3.7	49.7	5
60	20	3.4	27.8	4.4	37.4	6	25.5	3.4	34.1	4.4	48.5	6
70	19	3.9	26.7	5	35.6	6.9	24.8	3.9	33.2	5	47.3	6.9
80	18.1	4.4	25.6	5.7	-	-	24.1	4.4	32.3	5.7	46.2	7.9
90	17.2	4.9	24.5	6.4	-	-	23.4	4.9	31.5	6.4	-	-
100	16.4	5.5	23.5	7.1	-	-	22.6	5.5	30.6	7.1	-	-
110	-	-	-	-	-	-	22	6	29.8	7.8	-	-
120	-	-	-	-	-	-	21.3	6.5	-	-	-	-

Dimensional sketches



TM03 9163 3507

Dimensions and weights

Pump type	P2 [kW]	Dimensions [mm]						Net weight [kg]
		A	B	C	AC	AD	P	
MTS 20-40 R38 DQ	3	881	248	633	198	120	250	49
MTS 20-50 R38 DQ	4	918	248	670	220	134	250	61
MTS 20-80 R38 DQ	5.5	961	248	713	220	134	300	70
MTS 20-100 R38 DQ	7.5	961	248	713	220	134	300	71
MTS 20-30 R46 DQ	3	881	248	633	198	120	250	49
MTS 20-40 R46 DQ	4	918	248	670	220	134	250	61
MTS 20-60 R46 DQ	5.5	961	248	713	220	134	300	70
MTS 20-80 R46 DQ	7.5	961	248	713	220	134	300	71
MTS 20-100 R46 DQ	11	1078	248	830	260	172	350	99
MTS 20-30 R56 DQ	4	918	248	670	220	134	250	61
MTS 20-40 R56 DQ	5.5	961	248	713	220	134	300	70
MTS 20-70 R56 DQ	7.5	961	248	713	220	134	300	71