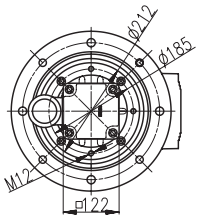
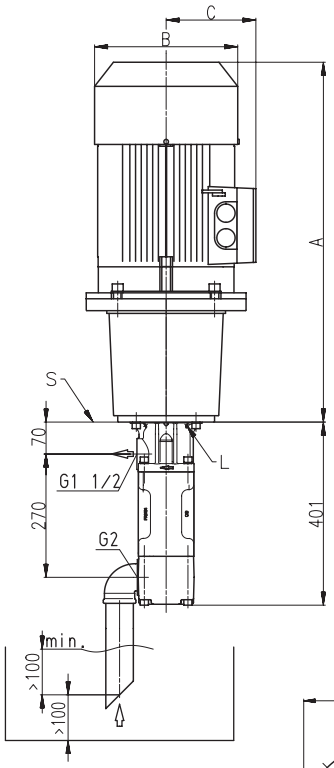
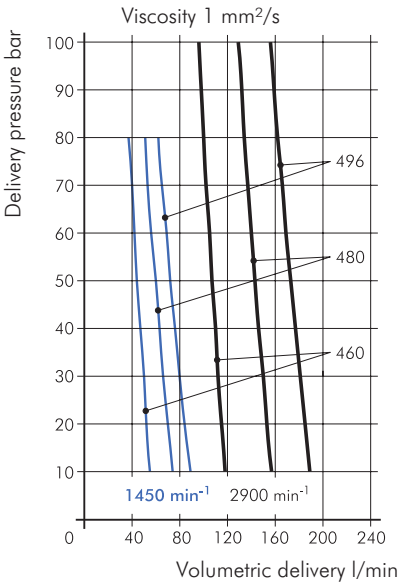
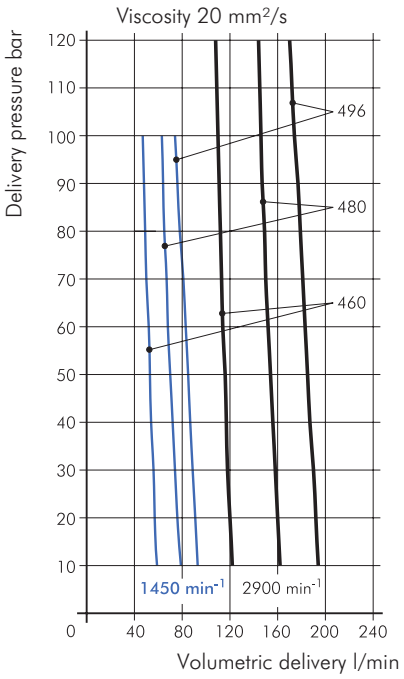
	2-pole motor rotation speed 2900 RPM						4-pole motor rotation speed 1450 RPM					
Pressure max.	Flow at viscosity		Power consumption at viscosity		Motor	Weight	Flow at viscosity		Power consumption at viscosity		Motor	Weight
	1 mm²/s	*20 mm²/s*	1 mm²/s	*20 mm²/s*			1 mm²/s	*20 mm²/s*	1 mm²/s	*20 mm²/s*		
Type / bar	l/min	*l/min*	kW	*kW*	kW	kg	l/min	*l/min*	kW	*kW*	kW	kg
TFS 460/	Q_{Th}[1] 125.3	–	–	–	–	–	Q_{Th}[1] 62.7	–	–	–	–	–
10	118	*122*	2.7	*3.0*	3.0	63	55	*59*	1.2	*1.3*	1.5	57
20	115	*120*	4.8	*5.2*	5.5	83	52	*57*	2.3	*2.4*	3.0	64
30	112	*118*	6.9	*7.4*	7.5	96	50	*56*	3.3	*3.5*	4.0	76
40	110	*117*	9.0	*9.6*	11.0	115	47	*54*	4.4	*4.7*	5.5	85
50	107	*116*	11.0	*11.8*	15.0	124	44	*53*	5.4	*5.8*	7.5	100
60	105	*114*	13.1	*14.0*	15.0	124	42	*52*	6.5	*6.9*	7.5	100
70	102	*113*	15.2	*16.1*	18.5	144	40	*50*	7.5	*8.0*	11.0	123
80	100	*112*	17.3	*18.3*	18.5	144	37	*49*	8.6	*9.1*	11.0	123
90	98	*111*	19.4	*20.5*	22.0	173	–	*48*	–	*10.3*	11.0	123
100	96	*110*	21.5	*22.7*	30.0	230	–	*47*	–	*11.3*	15.0	149
110	–	*109*	–	*24.9*	30.0	230	–	–	–	–	–	–
120	–	*108*	–	*27.1*	30.0	230	–	–	–	–	–	–
TFS 480/	Q_{Th}[1] 167.1	–	–	–	–	–	Q_{Th}[1] 83.6	–	–	–	–	–
10	157	*162*	3.4	*3.7*	4.0	74	74	*79*	1.6	*1.8*	2.2	64
20	153	*160*	6.2	*6.6*	7.5	96	70	*76*	3.0	*3.2*	4.0	76
30	150	*158*	9.0	*9.5*	11.0	115	66	*74*	4.4	*4.7*	5.5	85
40	146	*156*	11.7	*12.4*	15.0	124	63	*72*	5.8	*6.1*	7.5	100
50	143	*154*	14.5	*15.2*	18.5	144	60	*70*	7.2	*7.6*	11.0	123
60	140	*152*	17.3	*18.1*	18.5	144	56	*68*	8.6	*9.2*	11.0	123
70	137	*150*	20.1	*21.0*	22.0	173	53	*67*	9.9	*10.6*	11.0	123
80	134	*149*	22.9	*23.9*	30.0	230	51	*65*	11.3	*12.1*	15.0	149
90	132	*147*	25.7	*26.7*	30.0	230	–	*64*	–	*13.6*	15.0	149
100	129	*146*	28.5	*29.6*	30.0	230	–	*63*	–	*15.0*	15.0	149
110	–	*145*	–	*32.5*	37.0	259	–	–	–	–	–	–
120	–	*144*	–	*35.4*	37.0	259	–	–	–	–	–	–
TFS 496/	Q_{Th}[1] 200.5	–	–	–	–	–	Q_{Th}[1] 100.3	–	–	–	–	–
10	189	*194*	3.9	*4.4*	5.5	83	89	*94*	1.9	*2.1*	3.0	64
20	185	*192*	7.3	*8.0*	11.0	115	85	*92*	3.5	*3.9*	5.5	85
30	181	*190*	10.6	*11.5*	15.0	124	80	*90*	5.2	*5.7*	7.5	100
40	177	*187*	14.0	*15.1*	18.5	144	76	*87*	6.9	*7.5*	7.5	100
50	173	*185*	17.3	*18.6*	22.0	173	72	*85*	8.6	*9.3*	11.0	123
60	169	*183*	20.7	*22.2*	30.0	230	69	*83*	10.2	*11.1*	15.0	149
70	166	*181*	24.0	*25.7*	30.0	230	65	*81*	11.9	*12.9*	15.0	149
80	162	*179*	27.3	*29.3*	30.0	230	62	*78*	13.6	*14.8*	15.0	149
90	159	*177*	30.7	*32.8*	37.0	259	–	*76*	–	*16.6*	18.5	168
100	156	*174*	34.0	*36.4*	37.0	259	–	*74*	–	*18.4*	18.5	168
110	–	*172*	–	*39.9*	45.0	374	–	–	–	–	–	–
120	–	*170*	–	*43.5*	45.0	374	–	–	–	–	–	–

[1] Q_{Th}: Theoretical flow rate

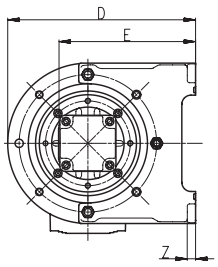


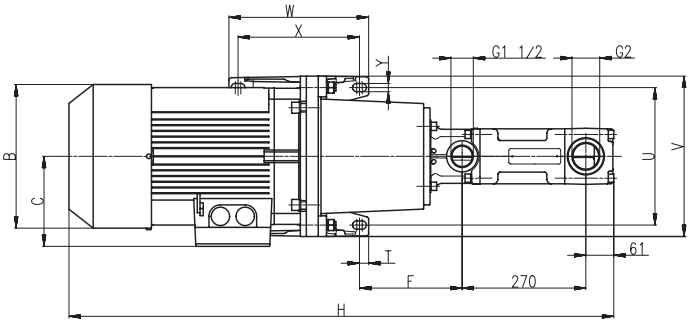






L = Leakage hole
S = Mounting plate, please find the cut-out of mounting hole on page 43.





For mounting patterns of foot-mounted motors larger than 45 kW please refer to page 21.

Motor 2 pole kW	Motor 4 pole kW	A mm	B mm	C mm	D mm	E mm	F mm	H mm	T mm	U mm	V mm	W mm	X mm	Y mm	Z mm
–	1.5	471	183	128	212	175	138	872	15.0	180	210	90	60	11	12
3.0	2.2	536	203	135	280	218	179	937	22.5	215	250	230	185	14	15
–	3.0	571	203	135	280	218	179	972	22.5	215	250	230	185	14	15
4.0	4.0	562	227	148	280	218	179	963	22.5	215	250	230	185	14	15
5.5	5.5	583	267	167	335	248	185	984	22.5	265	300	270	225	14	18
7.5	7.5	659	267	167	335	248	185	1060	22.5	265	300	270	225	14	18
11.0 / 15.0	11.0	748	320	197	410	298	225	1149	20.0	300	350	305	265	18	18
18.5	15.0	828	320	197	410	298	225	1229	20.0	300	350	305	265	18	18
22.0	18.5 / 22.0	873	363	258	410	298	225	1273	20.0	300	350	305	265	18	18
30.0 / 37.0	30.0	930	402	305	400	263	473	1332	25.0	318	398	355	305	25	34
45.0	–	1037	402	328	450	288	531	1518	37.0	356	436	361	286	25	34

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