高圧ポンプ
TFS3, FFS3
スクリューポンプ

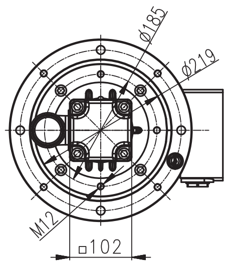
50 Hz

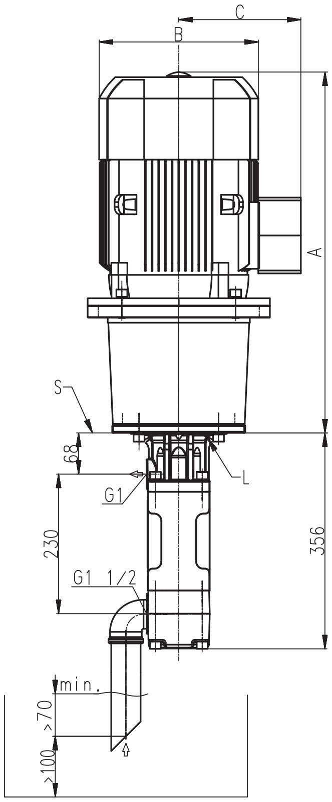
	2 極モータ 回転数 2900 RPM						4 極モータ 回転数 1450 RPM					
最大吐出圧	流量（粘度別）		消費電力・軸入力（粘度別）		モータ	重量	流量（粘度別）		消費電力・軸入力（粘度別）		モータ	重量
	1 mm^2/s	*20 mm^2/s*	1 mm^2/s	*20 mm^2/s*			1 mm^2/s	*20 mm^2/s*	1 mm^2/s	*20 mm^2/s*		
型番 / bar	l/min	*l/min*	kW	*kW*	kW	kg	l/min	*l/min*	kW	*kW*	kW	kg
TFS348	**Q_{Th}[1] 64.1**		–	–	–	–	**Q_{Th}[1] 32.1**		–	–	–	–
10	60	*62.3*	1.5	*1.6*	2.2	52	28	*30.3*	0.7	*0.8*	1.5	51
20	58.5	*61.5*	2.5	*2.8*	3.7	58	26.5	*29.4*	1.2	*1.3*	1.5	51
30	57.1	*60.7*	3.6	*3.9*	5.5	77	25	*28.6*	1.8	*1.9*	2.2	60
40	55.7	*59.9*	4.7	*5.1*	5.5	77	23.6	*27.9*	2.3	*2.4*	3.7	69
50	54.4	*59.2*	5.7	*6.2*	7.5	97	22.3	*27.1*	2.8	*3.0*	3.7	69
60	53.1	*58.5*	6.8	*7.3*	11.0	150	21.1	*26.5*	3.4	*3.5*	5.5	83
70	51.9	*57.9*	7.9	*8.5*	11.0	150	19.8	*25.8*	3.9	*4.1*	5.5	83
80	50.7	*57.3*	8.9	*9.6*	11.0	150	18.7	*25.2*	4.4	*4.7*	5.5	83
90	49.6	*56.7*	10.0	*10.7*	15.0	165	17.4	*24.6*	5.0	*5.2*	5.5	83
100	48.6	*56.1*	11.1	*11.8*	15.0	165	16.2	*24.1*	5.5	*5.8*	7.5	125
110	46.7	*55.6*	12.1	*13.0*	15.0	165	–	–	–	–	–	–
120	45	*55.2*	13.2	*14.2*	15.0	165	–	–	–	–	–	–
130	43.3	*54.7*	14.3	*15.3*	18.5	193	–	–	–	–	–	–
140	41.6	*54.4*	15.3	*16.4*	18.5	193	–	–	–	–	–	–
150	40	*54*	16.4	*17.6*	18.5	193	–	–	–	–	–	–
TFS364	**Q_{Th}[1] 85.5**		–	–	–	–	**Q_{Th}[1] 42.8**		–	–	–	–
10	79.9	*83*	1.8	*2.0*	3.7	58	37.1	*40.3*	0.9	*0.9*	1.5	51
20	78.1	*82*	3.3	*3.5*	5.5	77	35.3	*39.2*	1.6	*1.7*	2.2	60
30	76.3	*81*	4.7	*5.0*	7.5	97	33.6	*38.3*	2.3	*2.4*	3.7	69
40	74.6	*80.1*	6.1	*6.5*	7.5	97	31.9	*37.4*	3.0	*3.2*	3.7	69
50	73	*79.2*	7.5	*8.0*	11.0	150	30.2	*36.5*	3.7	*3.9*	5.5	83
60	71.4	*78.4*	9.0	*9.5*	11.0	150	28.7	*35.7*	4.4	*4.7*	5.5	83
70	69.9	*77.6*	10.4	*10.9*	15.0	165	27.1	*34.9*	5.1	*5.4*	7.5	125
80	68.4	*76.9*	11.8	*12.4*	15.0	165	25.6	*34.1*	5.9	*6.1*	7.5	125
90	66.9	*76.1*	13.2	*13.9*	15.0	165	24	*33.4*	6.6	*6.9*	7.5	125
100	65.5	*75.5*	14.7	*15.4*	18.5	193	22.4	*32.7*	7.3	*7.6*	11.0	176
110	63.2	*74.8*	16.1	*16.9*	18.5	193	–	–	–	–	–	–
120	61	*74.3*	17.5	*18.4*	22.0	268	–	–	–	–	–	–
130	58.8	*72.7*	18.9	*19.9*	22.0	268	–	–	–	–	–	–
140	56.6	*71.3*	20.4	*21.4*	22.0	268	–	–	–	–	–	–
150	54.5	*69.8*	21.8	*22.8*	30.0	300	–	–	–	–	–	–
TFS376	**Q_{Th}[1] 101.5**		–	–	–	–	**Q_{Th}[1] 50.8**		–	–	–	–
10	95.2	*98.5*	2.1	*2.4*	5.5	77	44.5	*47.8*	1.0	*1.2*	2.2	60
20	93.1	*97.3*	3.8	*4.2*	5.5	77	42.3	*46.6*	1.8	*2.1*	3.7	69
30	91	*96.2*	5.5	*6.0*	7.5	97	40.3	*45.4*	2.7	*3.0*	3.7	69
40	89	*95.1*	7.2	*7.9*	11.0	150	38.2	*44.4*	3.5	*3.9*	5.5	83
50	87	*94.1*	8.9	*9.7*	11.0	150	36.2	*43.3*	4.4	*4.8*	5.5	83
60	85	*93.1*	10.6	*11.5*	15.0	165	34.3	*42.4*	5.2	*5.7*	7.5	125
70	83.1	*92.2*	12.2	*13.3*	15.0	165	32.3	*41.4*	6.1	*6.6*	7.5	125
80	81.2	*91.3*	13.9	*15.1*	18.5	193	30.4	*40.5*	6.9	*7.4*	11.0	176
90	79.3	*90.4*	15.6	*16.9*	18.5	193	28.4	*39.7*	7.8	*8.4*	11.0	176
100	77.5	*89.6*	17.3	*18.8*	22.0	268	26.5	*38.9*	8.6	*9.2*	11.0	176
110	74.5	*88.9*	19.0	*20.6*	22.0	268	–	–	–	–	–	–
120	71.6	*88.2*	20.7	*22.4*	30.0	300	–	–	–	–	–	–
130	68.8	*86.4*	22.4	*24.2*	30.0	300	–	–	–	–	–	–
140	66	*84.7*	24.0	*26.0*	30.0	300	–	–	–	–	–	–
150	63.2	*83*	25.7	*27.9*	30.0	300	–	–	–	–	–	–

[1] Q_{Th}：理論的流量、1 bar ≒ 100 kPa
上記より高い圧力（～200 bar）をご要望の場合はご相談ください。
粘度 > 20 mm^2/s の場合、消費電力が増加します。

性能特性および寸法
TFS3, FFS3

50 Hz

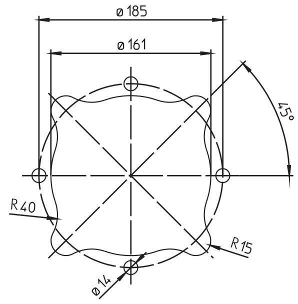




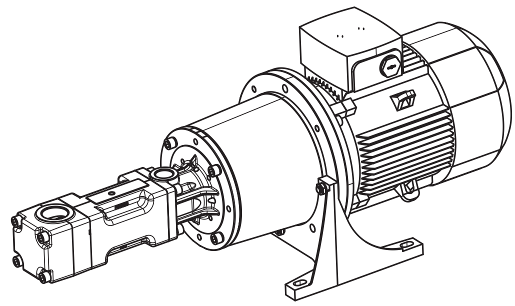
L＝漏れ穴
S＝取り付け天板。

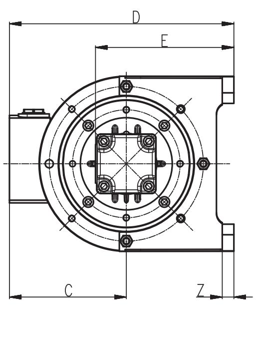
取り付け天板の穴の寸法

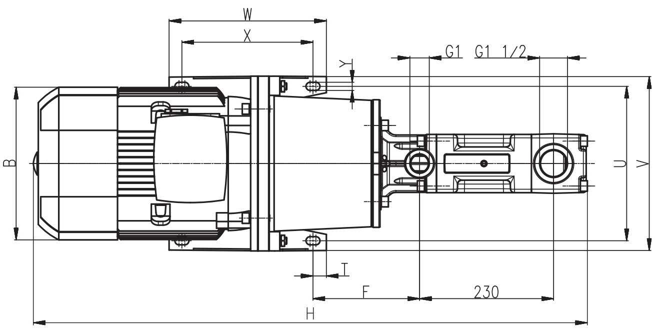
TFS3 / TFS4



角は ISO2768-m に従ってバリ取りをして下さい。







モータ 2極 kW	モータ 4極 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	459	187	159	271	165	152	830	15	180	210	90	60	11	12
2.2	–	486	202	167	279	165	152	842	15	180	210	90	60	11	12
–	2.2	503	202	167	322	208	186	859	37.5	215	250	260	185	14	15
3.7	–	512	202	167	322	208	186	868	37.5	215	250	260	185	14	15
–	3.7	536	235	187	342	208	186	892	37.5	215	250	260	185	14	15
5.5	–	597	235	227	412	238	183	953	22.5	265	300	270	225	14	18
–	5.5	580	272	239	424	238	183	936	22.5	265	300	270	225	14	18
7.5	–	620	272	244	429	238	183	976	22.5	265	300	270	225	14	18
–	7.5	618	272	239	424	238	183	974	22.5	265	300	270	225	14	18
11.0 / 15.0	11.0	774	319	263	498	288	222	1130	20	300	350	305	265	18	18
18.5	–	804	319	263	498	288	222	1160	20	300	350	305	265	18	18
22.0	–	838	410	311	571	313	212	1194	25	350	400	350	300	18	20
30.0	–	878	410	377	637	313	212	1234	25	350	400	350	300	18	20