

FV 150-300



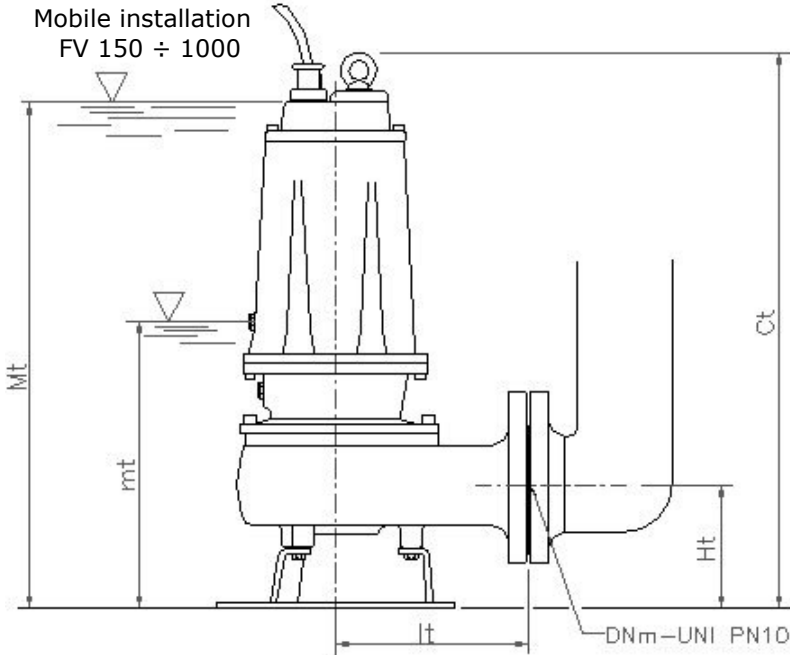
FV 400-1000 T

Free passage:
 50 mm (FV 150-300)
 45 mm (FV 400-550 T)
 50 mm (FV 750-1000 T)

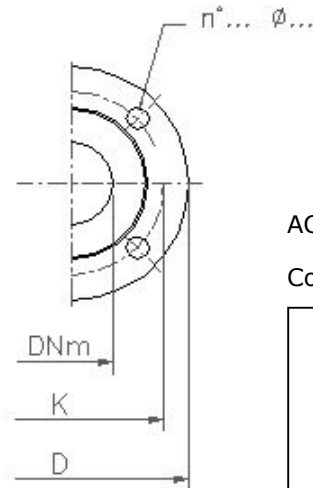
COMPONENTS	MATERIALS
Motor housing, hydraulic part	Grey cast iron
Shaft (pump side)	Stainless steel
Motor side mechanical seal	Carbon - ceramic
Pump side mechanical seal	Silicon carbide
Bolts	A2 stainless steel
Foot support	Galvanize iron
Gaskets (O-Ring)	NBR rubber

CHARACTERISTICS	
Electric motor	Asynchronous, oil immersed
Liquid temperature	0 - 40 °C
Insulation Class	F
Protection	IP 68
Cable	10 m. - H07 RNF

Mobile installation
 FV 150 ÷ 1000

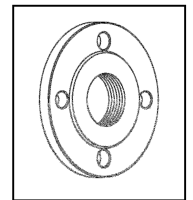


mt: lowest working level
 Mt: lowest level for continuous duty



ACCESSORIES:

Counterflange

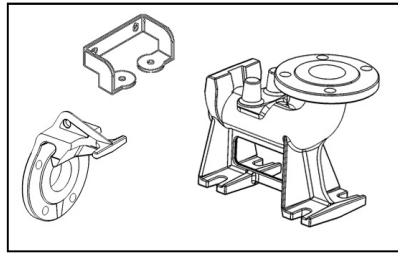


Depth of immersion:
 Max 20 m

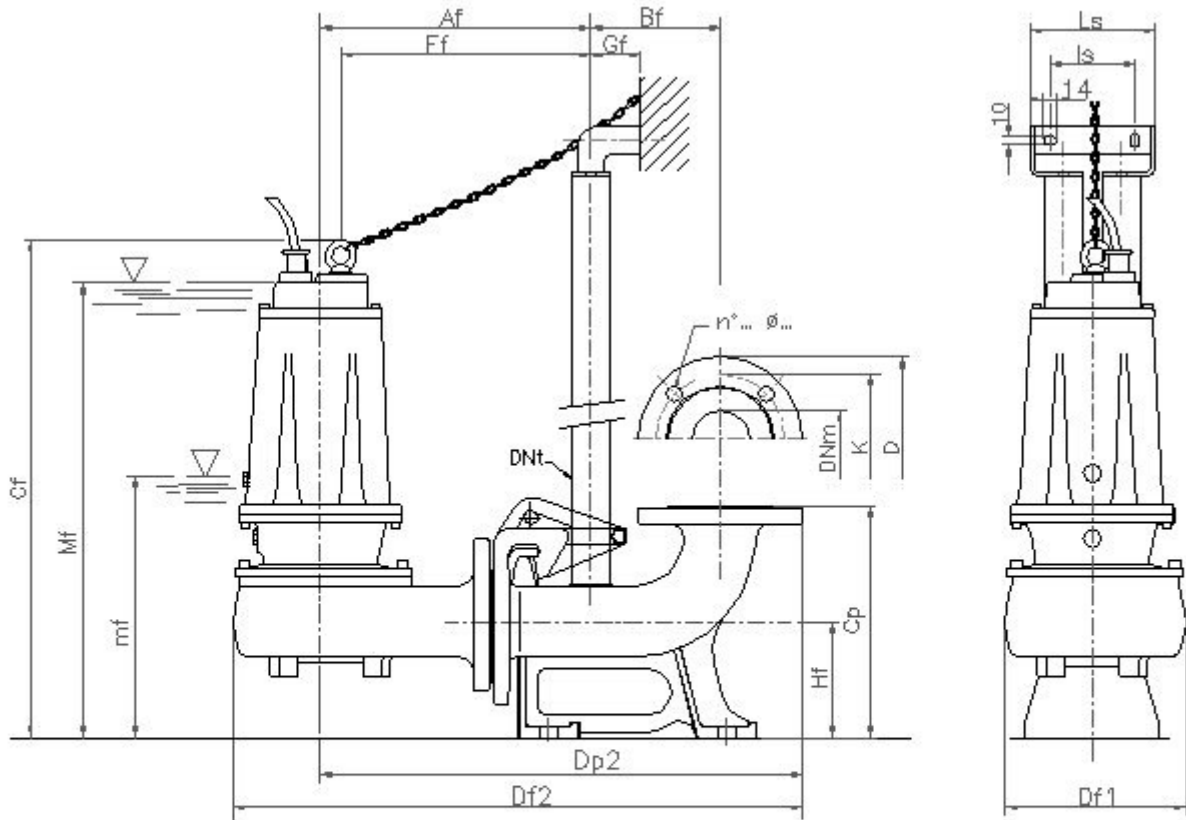
TYPE	DIMENSIONS (mm)					Flange UNI PN 10			Weight Kg
	Ct	Ht	It	mt	Mt	DNm	K	D	
FV 150 T	551	123	191	243	513	65	145	185	39
FV 150 - FV 200 T	551	123	191	243	513	65	145	185	40
FV 200 - FV 300 T	551	123	191	243	513	65	145	185	41
FV 400 T	645	148	210	285	600	80	160	200	58
FV 550 T	645	148	210	285	600	80	160	200	66
FV 750 T	725	178	232	358	670	80	160	200	87
FV 1000 T	725	178	232	358	670	80	160	200	91

ACCESSORIES:

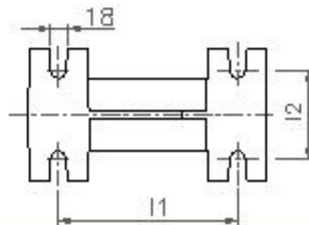
Quick coupling kit



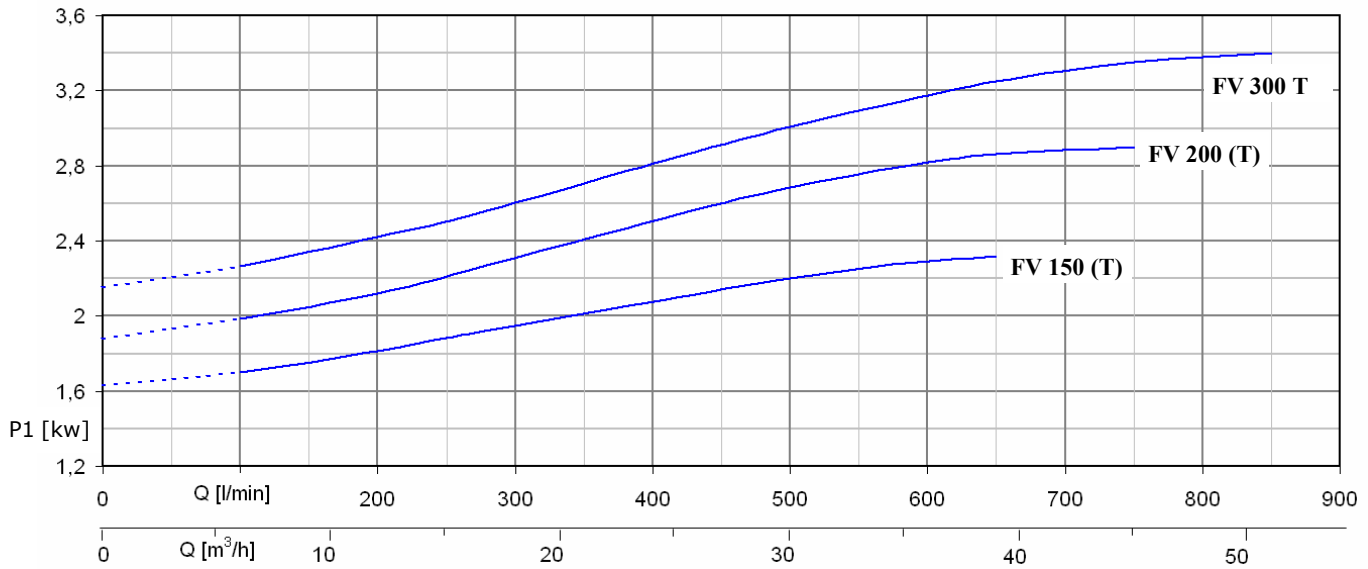
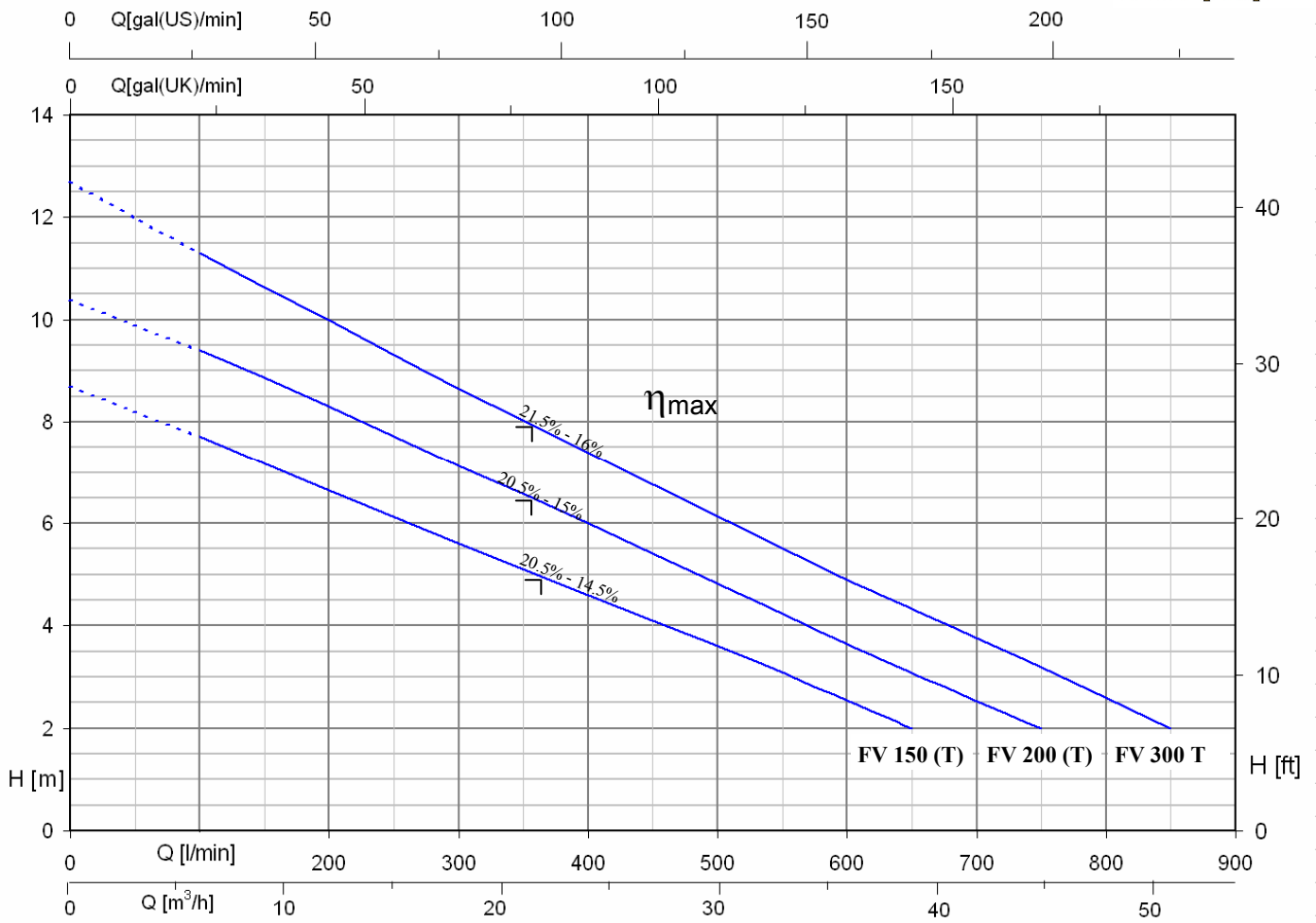
Fixed installation with quick coupling kit
FV 150 ÷ 1000/ P



mf: lowest working level
Mf: lowest level for continuous duty

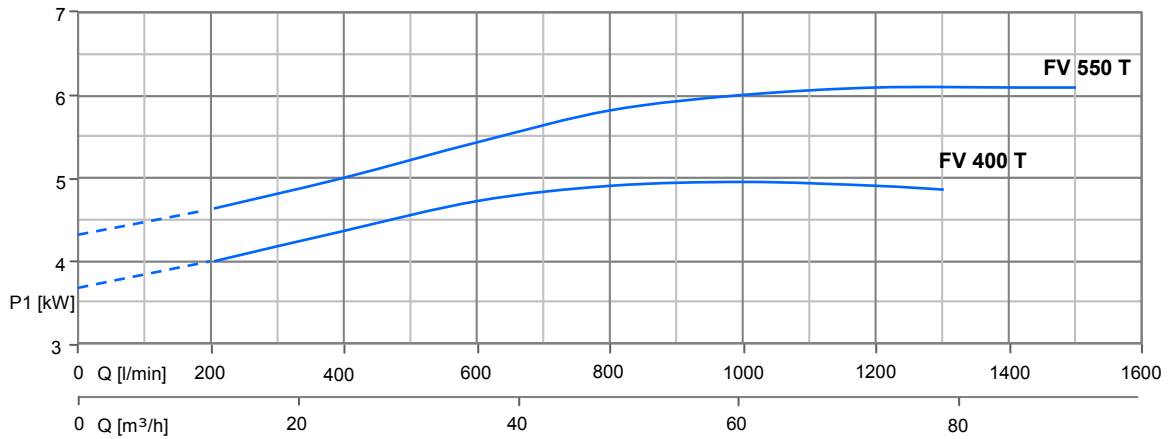
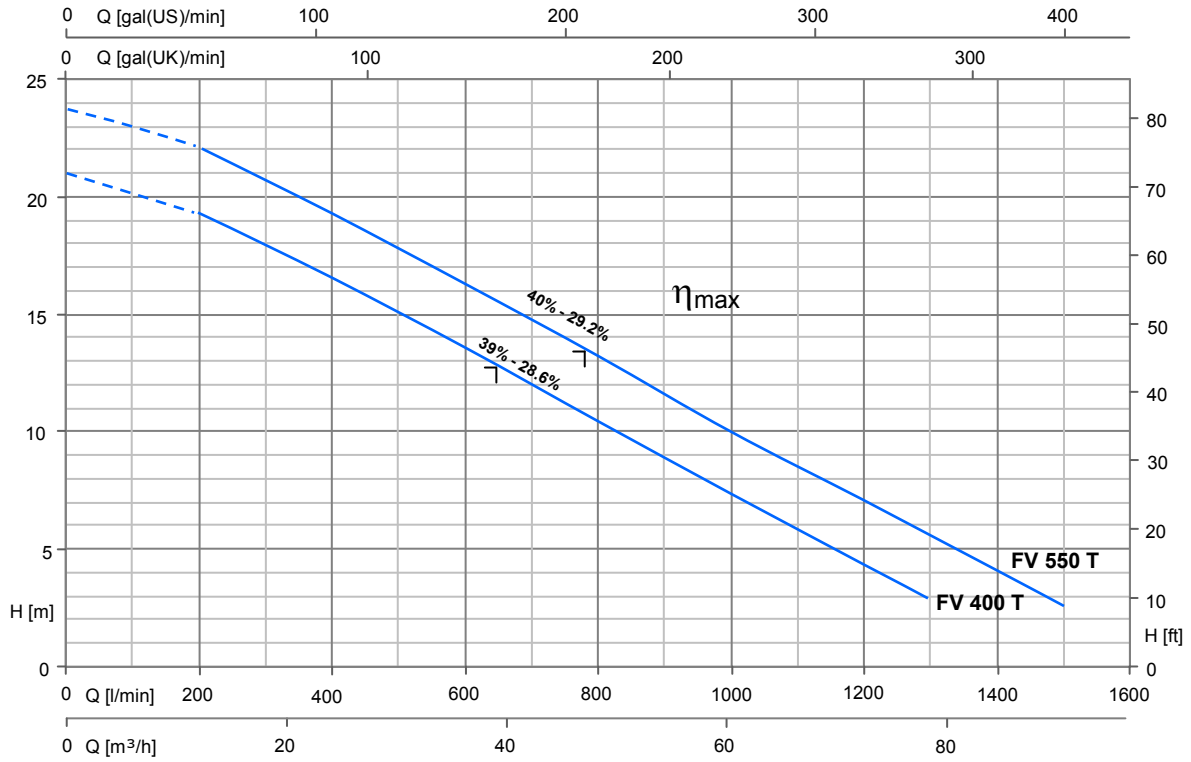


TYPE	DIMENSIONS (mm)																Flange UNI PN 10			
	Af	Bf	Cf	Cp	Df1	Df2	Dp2	Dnt	Ef	Gf	Hf	I1	I2	ls	Ls	mf	Mf	DNm	K	D
FV 150/P T	303	145	559	260	200	639	327.5	1 1/4"	280	55	130	200	100	95	140	251	521	65	145	185
FV 150 - FV 200/P T	303	145	559	260	200	639	327.5	1 1/4"	280	55	130	200	100	95	140	251	521	65	145	185
FV 200 - FV 300/P T	303	145	559	260	200	639	327.5	1 1/4"	280	55	130	200	100	95	140	251	521	65	145	185
FV 400/P T	350	165	690	340	220	720	615	2"	319	85	190	250	140	130	180	327	642	80	160	200
FV 550/P T	350	165	690	340	220	720	615	2"	319	85	190	250	140	130	180	327	642	80	160	200
FV 750/P T	370	165	745	340	240	750	635	2"	350	85	190	250	140	130	180	380	690	80	160	200
FV 1000/P T	370	165	745	340	240	750	635	2"	350	85	190	250	140	130	180	380	690	80	160	200



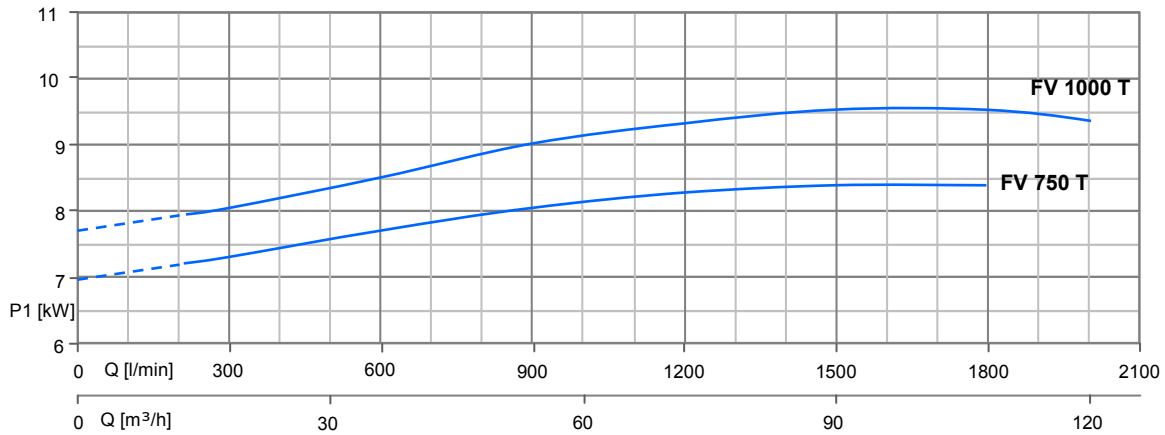
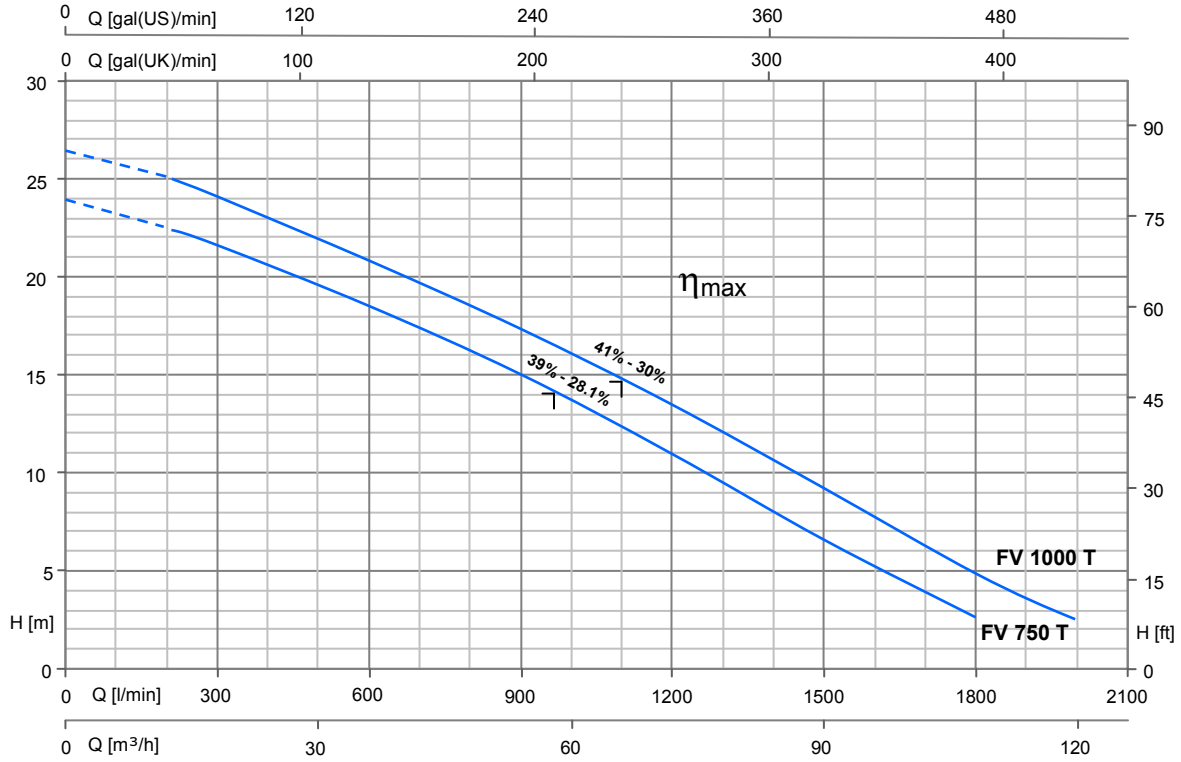
TYPE		P_2		P_1 (kW)		AMPERE		Q (m³/h - l/min)								
1 ~	3 ~					1~	3~	0	6	12	18	24	30	39	45	51
230 V - 50 Hz	3 x 400 V - 50 Hz	(HP)	(kW)	1~	3~	1X230V 50Hz	3X400V 50Hz	0	100	200	300	400	500	650	750	850
								H (m)								
FV 150	FV 150 T	1.5	1.1	2.6	2.3	11.8	4.1	8.7	7.8	6.8	5.6	4.6	3.6	2	-	-
FV 200	FV 200 T	2	1.5	3.4	3.1	15.2	5.6	10.4	9.4	8.3	7	5.7	4.6	3.1	2	-
-	FV 300 T	3	2.2	-	3.4	-	6	12.7	11.5	10	8.6	7	5.9	4.4	3.1	2

⌋ : η_{max} Max hydraulic efficiency and respective total efficiency



TYPE	P ₂		P ₁ (kW)	A	Q (m ³ /h - l/min)									
					0	12	24	36	48	60	72	78	90	
3 ~					0	200	400	600	800	1000	1200	1300	1500	
3 x 400 V - 50 Hz	(HP)	(kW)	3~	3x400V 50Hz	H (m)									
FV 400 T	4	3	4.9	8.1	21.0	19,4	16,6	13,5	10,4	7,2	4,3	2,8	-	
FV 550 T	5.5	4	6.1	10.4	23.9	22,2	19,3	16,3	13,2	10,0	7,1	5,6	2,6	

⌋: η max Max hydraulic efficiency and respective total efficiency



TYPE	P ₂		P ₁ (kW)	A	Q (m ³ /h - l/min)												
					0	12	24	36	48	60	72	84	96	108	114	120	
3 ~					0	200	400	600	800	1000	1200	1400	1600	1800	1900	2000	
3 x 400 V - 50 Hz	(HP)	(kW)	3~	3x400V 50Hz	H (m)												
FV 750 T	7.5	5.5	8.5	14.4	24,2	22,7	20,7	18,7	16,4	13,9	11,1	8,2	5,4	2,8	-	-	
FV 1000 T	10	7.5	9.6	16.4	26,7	25,2	23,2	21,2	18,8	16,3	13,7	10,8	8,0	5,1	3,8	2,6	

∇ : η_{max} Max hydraulic efficiency and respective total efficiency