

Drainage pumps for charged liquids with set-back Vortex type impeller for civil and industrial applications; specifically designed for very heavy use; available in the mobile or permanent versions with coupling feet.

Construction features

Pump body cast iron



Impeller cast iron

Mechanical seal

double seal with oil barrier: silicon carbide on pump side, ceramic-graphite on motor side

Motor shaft stainless steel AISI 304

Free passage Ø max 50 mm

Max submergence 20 m

Liquid temperature 0 - 40 °C

Cable H07 RN8F, 10 m

Bolts A2 stainless steel

Foot support galvanized iron

Gaskets NBR rubber

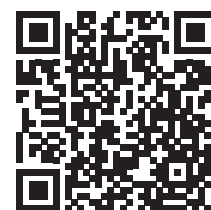
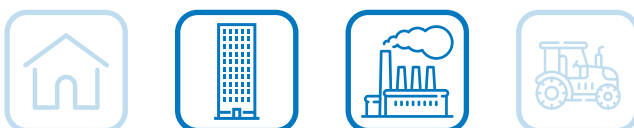
Motor

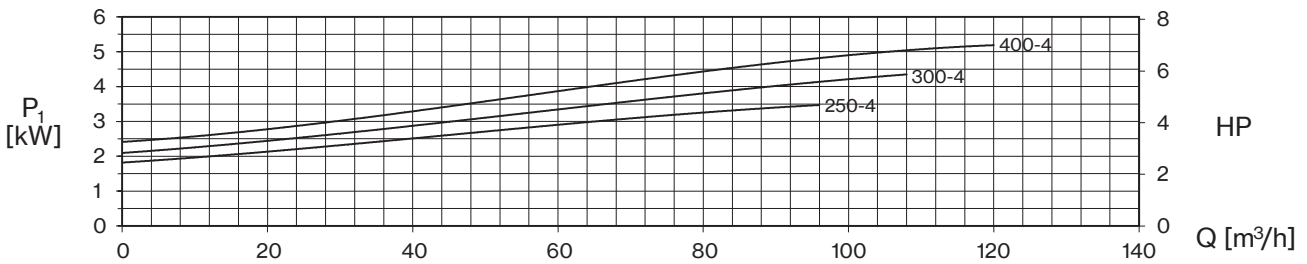
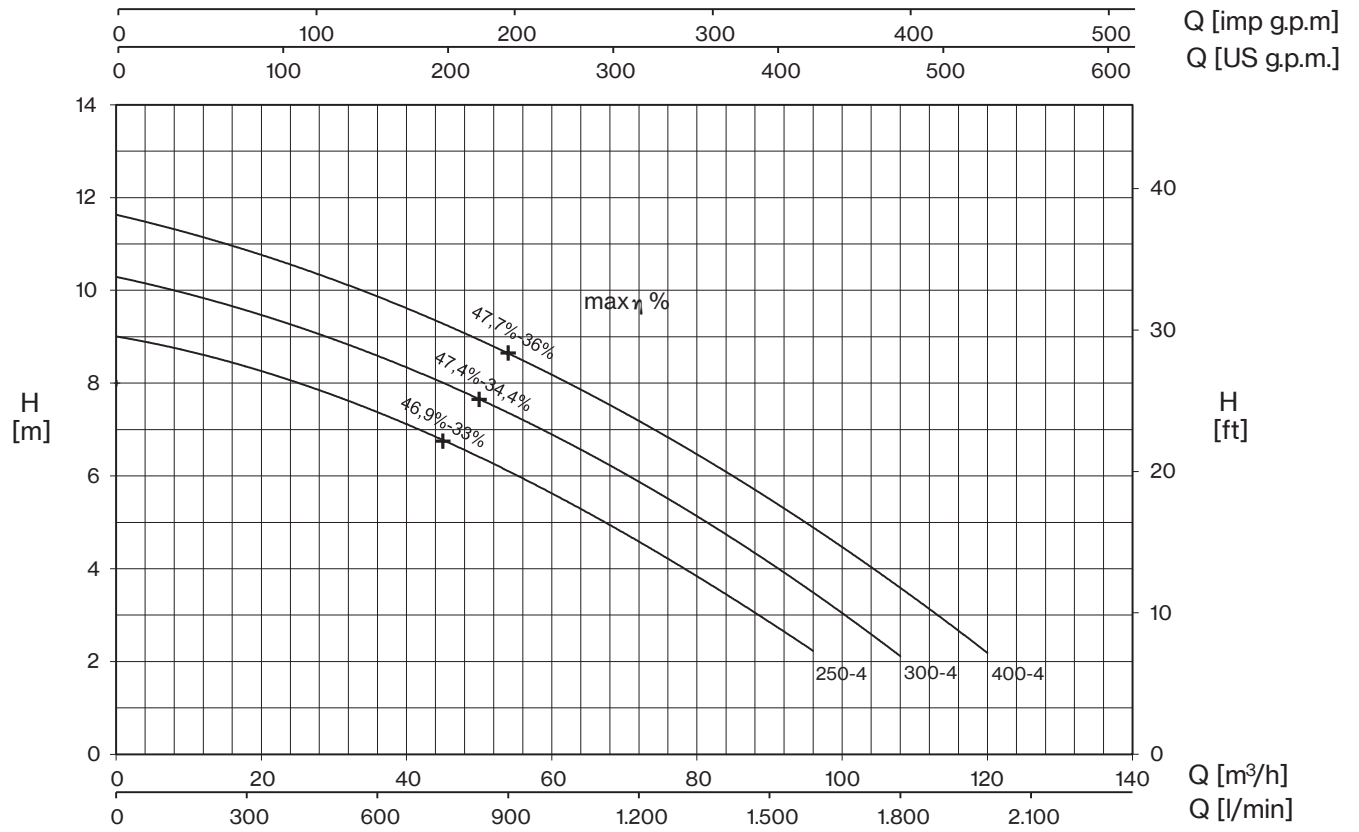
4 Poles induction motor 3- 220/380V - 60Hz

Insulation class F

Protection degree IPX8

TYPE	LOTS			
	TRUCK		CONTAINER	
	PALLET (cm)	N° pumps	PALLET (cm)	N° pumps
DVT 250-4/750-4	85×110×190	8	100×120×190	12





TYPE	AMPERE		
	3x220 V 60 Hz	3x380 V 60 Hz (*)	220/380 V 60 Hz λ / Δ
DVT 250-4	12,70	7,3	-
DVT 300-4	14,70	8,5	-
DVT 400-4	17,70	10,2	-

+ max η %

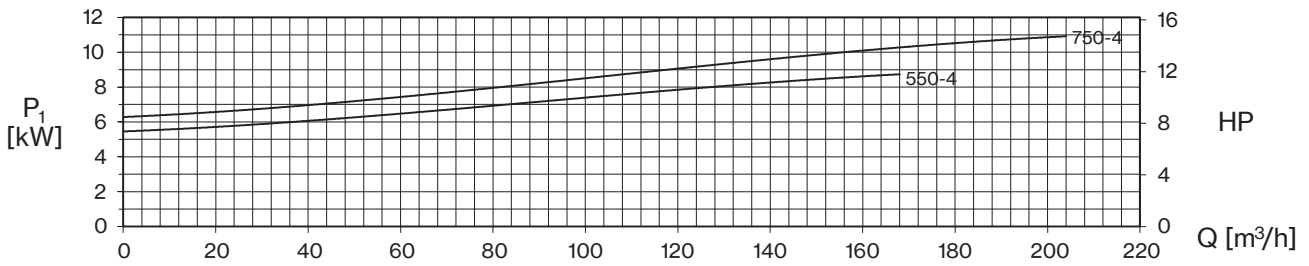
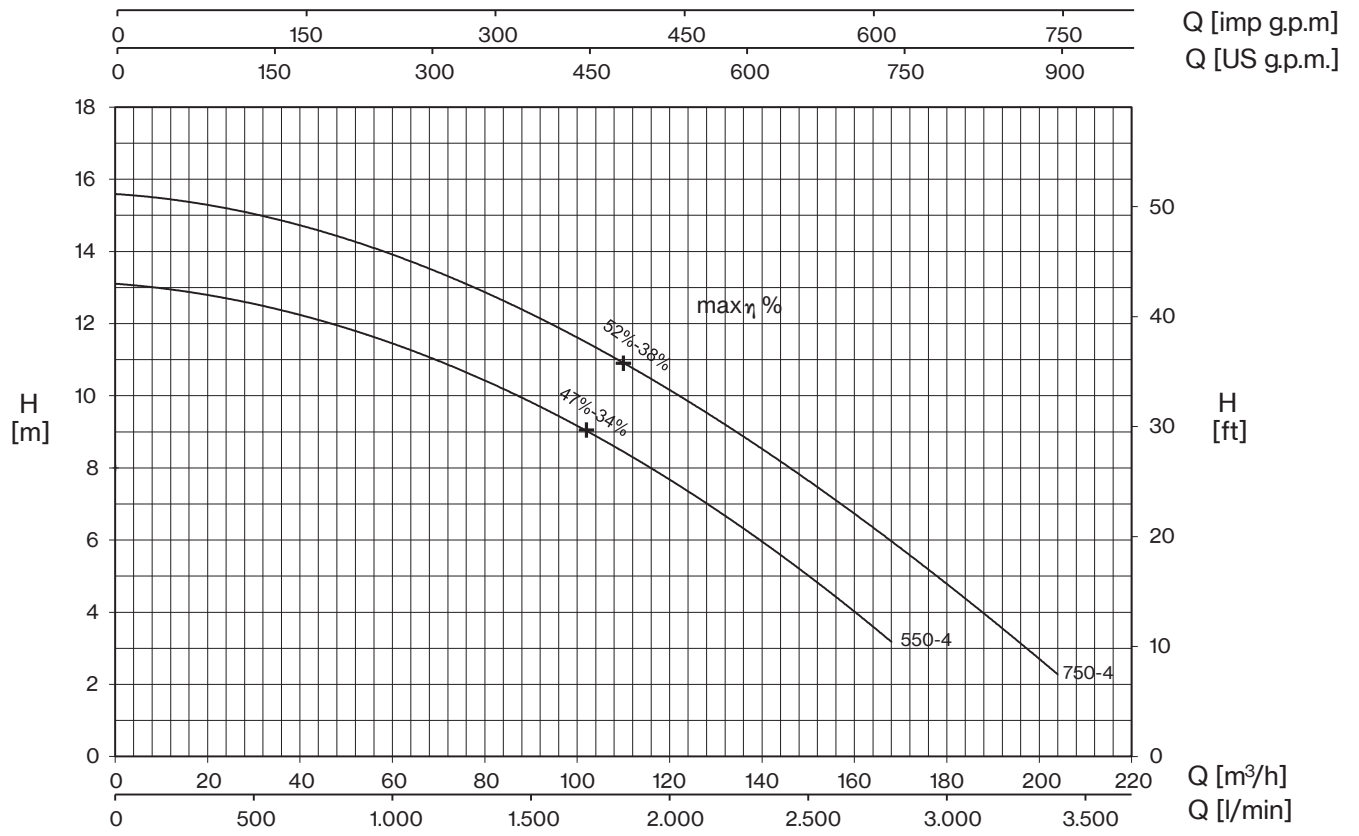
max hydraulic efficiency and respective total efficiency

(*) no standard execution

TYPE	P2		P1 (kW)	Q (m³/h - l/min)											
				0	12	24	36	48	60	72	84	96	108	120	
	HP	kW	3~	0	200	400	600	800	1000	1200	1400	1600	1800	2000	
	H (m)														
DVT 250-4	2,5	1,8	4	9	8,6	8,1	7,4	6,5	5,6	4,6	3,5	2,2			
DVT 300-4	3	2,2	4,8	10,3	9,8	9,3	8,6	7,8	6,9	5,8	4,8	3,5	2,1		
DVT 400-4	4	3	5,7	11,6	11,2	10,6	9,8	9	8,2	7,3	6,1	4,8	3,6	2,2	



DV4



TYPE	AMPERE		
	3x220 V 60 Hz	3x380 V 60 Hz (*)	220/380 V 60 Hz λ / Δ
DVT 550-4	-	15,8	27,3
DVT 750-4	-	18,6	32,2

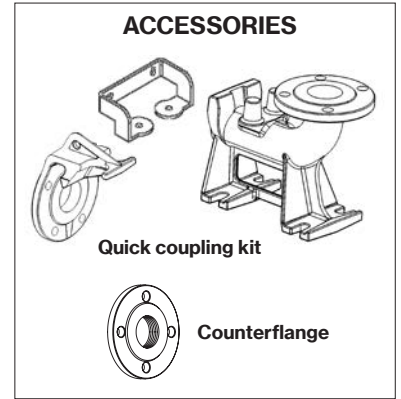
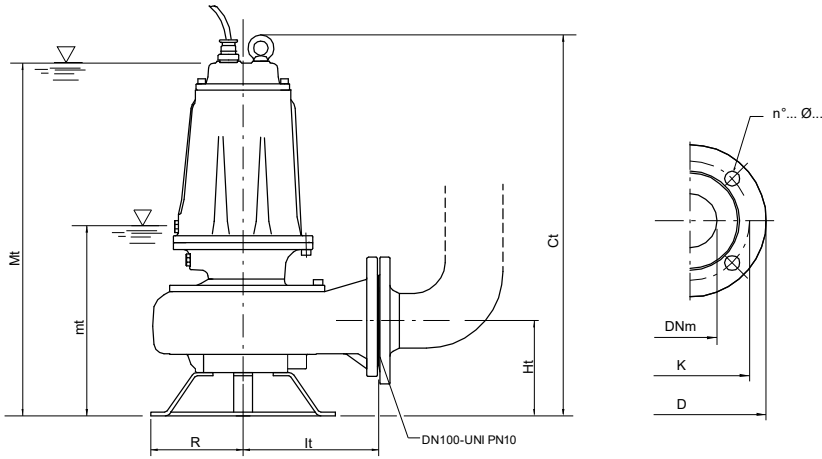
+ max η %

max hydraulic efficiency and respective total efficiency

(*) no standard execution

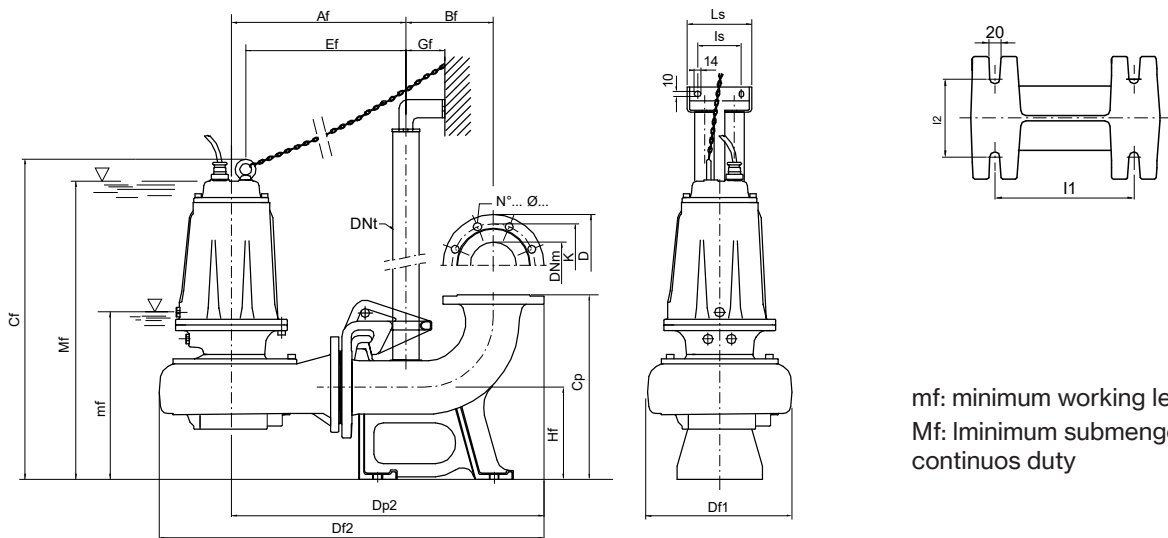
TYPE	P2		P1 (kW)	Q (m³/h - l/min)									
				0	24	48	72	96	120	144	168	204	
	HP	kW	3-	0	400	800	1200	1600	2000	2400	2800	3400	
DVT 550-4	5,5	4	9,0	13,1	12,7	12	10,8	9,4	7,8	5,5	3,2		
DVT 750-4	7,5	5,5	10,7	15,6	15,2	14,4	13,3	11,9	10,2	8,2	5,9	2,3	





mt: minimum working level
 Mt: minimum submersion level for continuous duty

TYPE	DIMENSIONS (mm)								Kg
	Ct	Ht	R	It	mt	Mt	DNM		
DVT 250-4	660	165	160	235	300	614	100	70,5	
DVT 300-4	660	165	160	235	300	614	100	71,5	
DVT 400-4	660	165	160	235	300	614	100	75	
DVT 550-4	715	195	180	276	385	695	100	102,5	
DVT 750-4	715	195	180	276	385	695	100	109	



mf: minimum working level
 Mf: minimum submersion level for continuous duty

TYPE	DIMENSIONS (mm)																		
	Af	Bf	Cf	Cp	Df1	Df2	Dp2	DNt	Ef	Gf	Hf	l1	l2	ls	Ls	mf	Mf	DNM	
DVT 250-4/P	378	190	695	400	317	835	678	2"	347	85	200	250	140	130	180	335	650	100	
DVT 300-4/P	378	190	695	400	317	835	678	2"	347	85	200	250	140	130	180	335	650	100	
DVT 400-4/P	378	190	695	400	317	835	678	2"	347	85	200	250	140	130	180	335	650	100	
DVT 550-4/P	419	190	755	400	371	900	719	2"	384	85	200	250	140	130	180	390	700	100	
DVT 750-4/P	419	190	755	400	371	900	719	2"	384	85	200	250	140	130	180	390	700	100	

Flange UNI PN 10 (mm)			
DNM	K	D	n°... Ø...
100	180	220	8... 18...

