



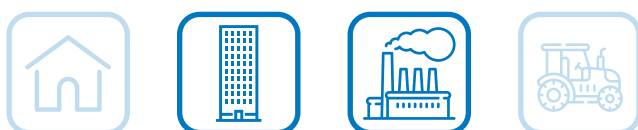
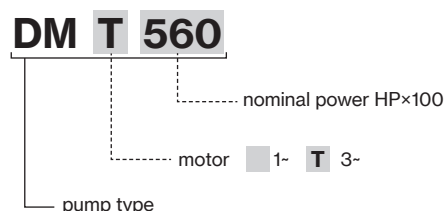
Single channel centrifugal drainage pumps. Specifically designed for heavy duty applications they guarantee high capacity at medium head; ideal for civil and industrial applications. Available in mobile or permanent version with coupling feet.



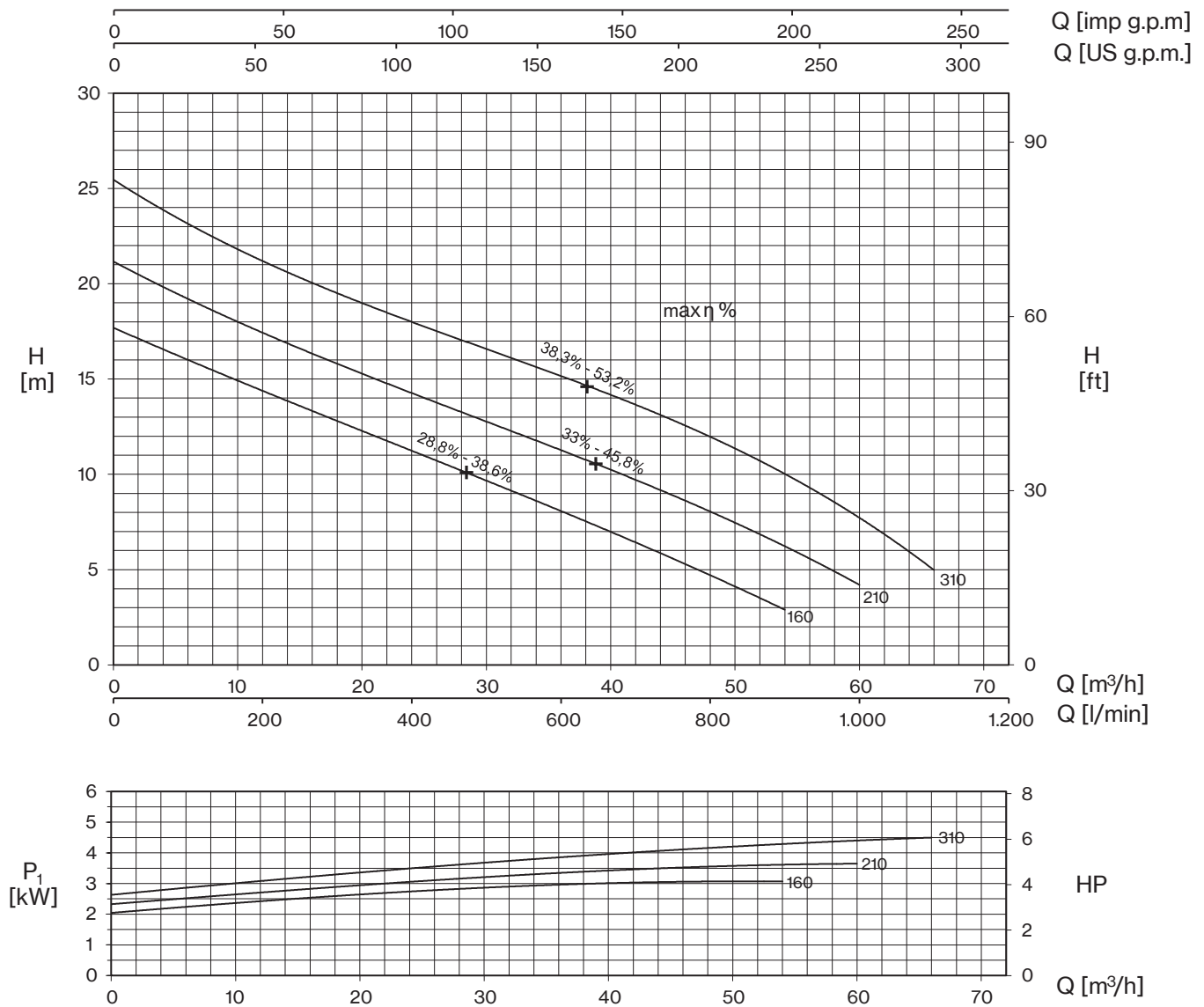
Construction features	
Painting	cataphoresis
Pump body	cast iron
	Impeller cast iron
Mechanical seal	double seal with oil barrier: silicon carbide on pump side, ceramic-graphite on motor side
Motor shaft	stainless steel AISI 304
Free passage	Ø max 50 mm
Max submergence	20 m
Liquid temperature	0 - 40 °C
Cable	H07 RN8F, 10 m
Bolts	A2 stainless steel
Foot support	galvanized iron
Gaskets	NBR rubber

Motor	
	3~ 220V - 60Hz 3~ 380V - 60Hz 3~ 220/380V - 60Hz
2 Poles induction motor	1~ 220V - 60Hz required run capacitor (35µF for 1,5HP model, 50µF for 2HP model)
Insulation class	F
Protection degree	IPX8

TYPE	LOTS			
	TRUCK		CONTAINER	
	PALLET (cm)	N° pumps	PALLET (cm)	N° pumps
DM 160÷310	85×110×145	18	85×110×190	27
DMT 410-560	85×110×170	12	85×110×170	12



DM



TYPE - 60 Hz		CURRENT			
1~	3~	220V	3~ 220V	3~ 380V (*)	220/380 V Δ / Δ
DM 160	DMT 160	15,8	9,5	5,5	-
DM 210	DMT 210	18,5	11,2	6,5	-
-	DMT 310	-	14	8,1	-

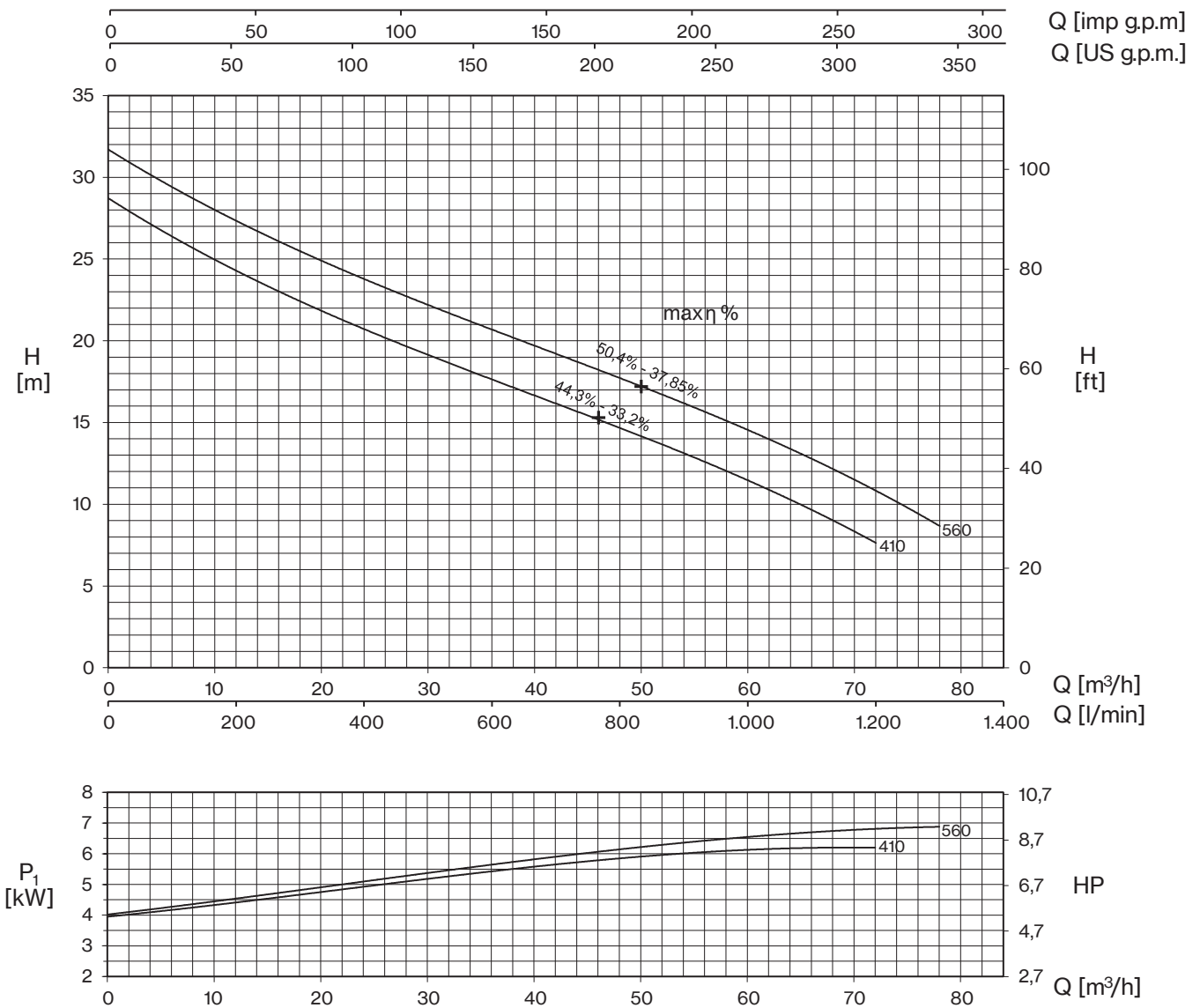
(*) no standard execution

+ max η %

max hydraulic efficiency and respective total efficiency

TYPE - 60 Hz		P2		P1		Q (m³/h - l/min)													
1~	3~			1~	3~	0	6	12	18	24	30	36	42	48	54	60	66		
						0	100	200	300	400	500	600	700	800	900	1000	1100		
		HP	kW	kW		H (m)													
DM 160	DMT 160	1,5	1,1	3,3	3,1	17,7	16	14,4	12,8	11,2	9,7	8,1	6,4	4,7	2,9				
DM 210	DMT 210	2	1,5	3,9	3,6	21,2	19,1	17,5	15,9	14,2	12,7	11,3	9,7	8,1	6,2	4,2			
-	DMT 310	3	2,2	-	4,6	25,3	23,2	21,4	19,7	18,0	16,4	14,9	13,5	12	10,2	8,2	4,6		





TYPE - 60 Hz	CURRENT		
3~	3~ 220V	3~ 380V (*)	220/380 V λ / Δ (*)
DMT 410	18,8	10,9	-
DMT 560	21,2	12,1	-

+ max η %

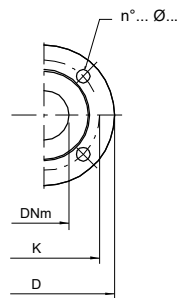
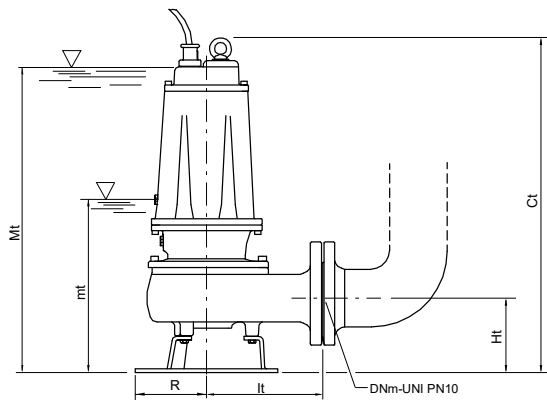
max hydraulic efficiency and respective total efficiency

(*) no standard execution

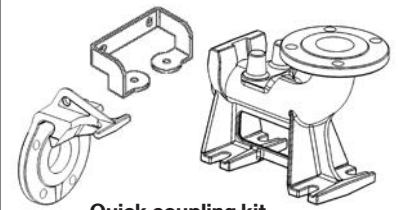
TYPE - 60 Hz	P2		P1	Q (m³/h - l/min)									
				0	6	18	30	42	54	60	66	72	78
	HP	kW	kW	0	100	300	500	700	900	1000	1100	1200	1300
3~				H (m)									
DMT 410	4	3	6,2	28,7	26,5	22,4	19,1	16,2	13,1	11,4	9,7	7,6	
DMT 560	5,5	4	6,9	31,5	29,7	25,5	22,1	19,1	16,2	14,6	12,8	10,9	8,6



DM



ACCESSORIES



Quick coupling kit

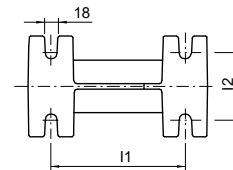
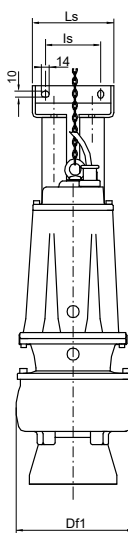
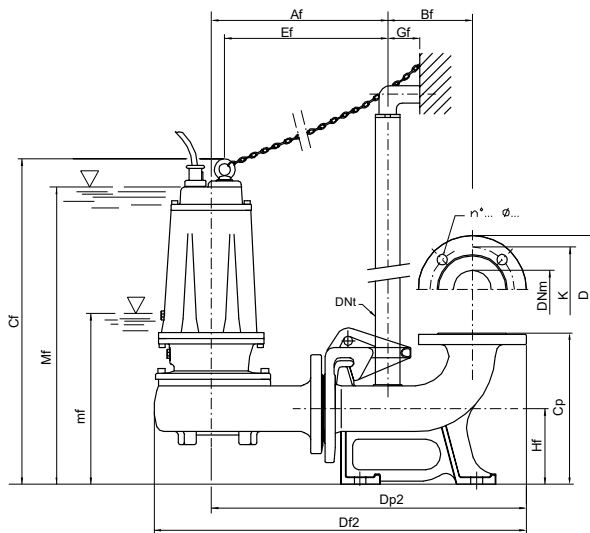


Counterflange

mt: minimum working level

Mt: minimum submersion level for continuous duty

TYPE		DIMENSIONS (mm)							Kg	
1~	3~	Ct	Ht	R	Lt	mt	Mt	DNM	1~	3~
DM 160	DMT 160	551	123	117	191	243	513	65	41,5	40
DM 210	DMT 210	551	123	117	191	243	513	65	42	41,5
-	DMT 310	551	123	117	191	243	513	65	-	42
-	DMT 410	645	148	160	210	285	600	80	-	68,5
-	DMT 560	645	148	160	210	285	600	80	-	71



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	I1	I2	Is	Ls	mf	Mf	DNM
DM 160/P - DMT 160/P	303	145	560	260	200	639	542	1" 1/4	280	55	130	200	100	95	140	251	521	65
DM 210/P - DMT 210/P	303	145	560	260	200	639	542	1" 1/4	280	55	130	200	100	95	140	251	521	65
DMT 310/P	303	145	560	260	200	639	542	1" 1/4	280	55	130	200	100	95	140	251	521	65
DMT 410/P	350	165	690	340	220	722	615	2"	319	85	190	250	140	130	180	327	642	80
DMT 560/P	350	165	690	340	220	722	615	2"	319	85	190	250	140	130	180	327	642	80

Flange UNI PN 10 (mm)

DNM	K	D	n°... Ø...
65	145	185	4... 18...
80	160	200	8... 18...

