



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

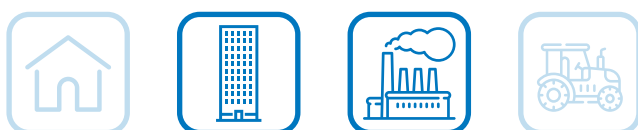
LOTS				
TYPE	TRUCK		CONTAINER	
	PALLET (cm)	N° pumps	PALLET (cm)	N° pumps
DM 160÷310	85×110×145	18	85×110×190	27
DMT 410-560	85×110×170	12	85×110×170	12
DMT 1000	100×120×190	12	100×120×190	12

Motor	
2 poles induction motor	3~ 230V - 50Hz 3~ 400V - 50Hz 3~ 230/400V - 50Hz 3~ 400/690V - 50Hz
	1~ 230V - 50Hz required run capacitor (35µF for 1,5HP model, 50µF for 2HP model)
Insulation class	F
Protection degree	IPX8

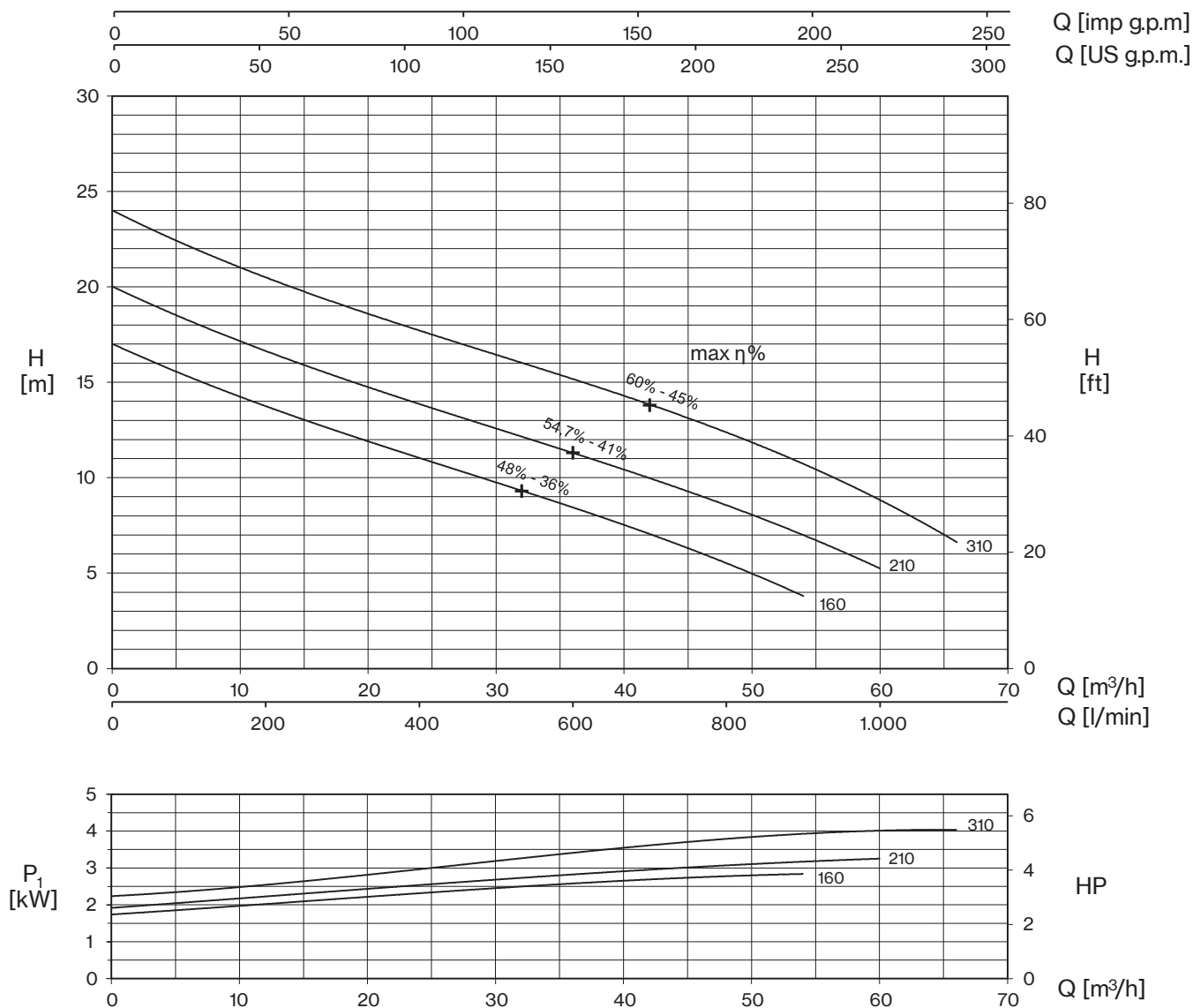
DM T 560 -CF counter-flange  not included
CF included

..... motor  1~ **T** 3~

..... pump type



DM



TYPE - 50 Hz		CURRENT				
1~	3~	230 V	3~ 230V (*)	3~ 400V	230/400 V λ / Δ (*)	400/690 V λ / Δ
DM 160	DMT 160	12,5	7,6	4,4	-	-
DM 210	DMT 210	15	9,5	5,5	-	-
-	DMT 310	-	12	6,9	-	-

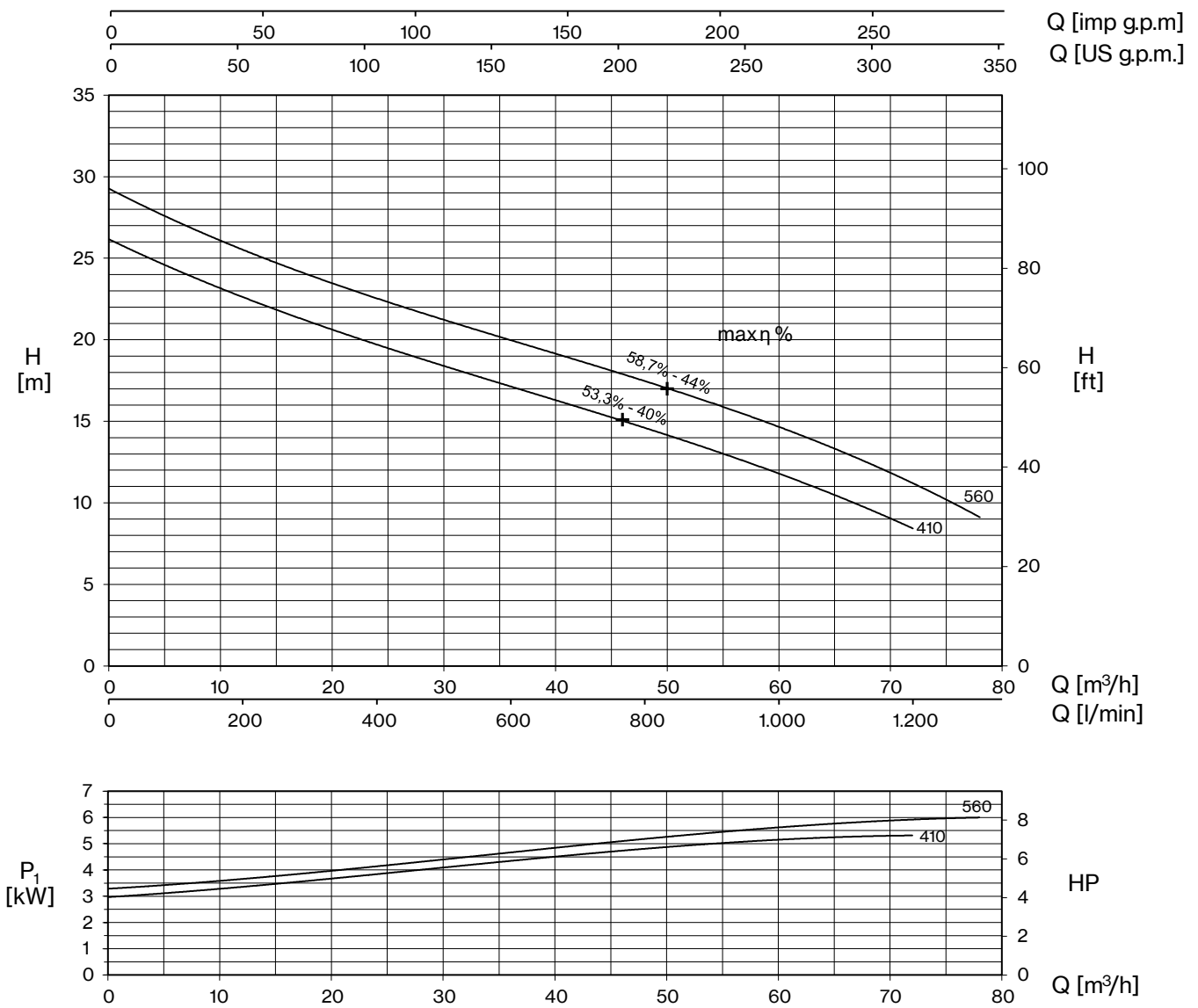
(*) no standard execution

+ max η %

max hydraulic efficiency and respective total efficiency

TYPE - 50 Hz		P2		P1		Q (m³/h - l/min)											
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	2,8	2,6	17,0	15,3	13,8	12,3	11,0	9,8	8,4	7,1	5,5	3,8		
DM 210	DMT 210	2	1,5	3,3	3,1	19,9	18,4	16,7	15,2	13,8	12,4	11,3	10,1	8,6	7,0	5,2	
-	DMT 310	3	2,2	-	4,1	23,9	22,2	20,6	19,1	17,8	16,3	15,0	13,8	12,3	10,9	9,1	6,4





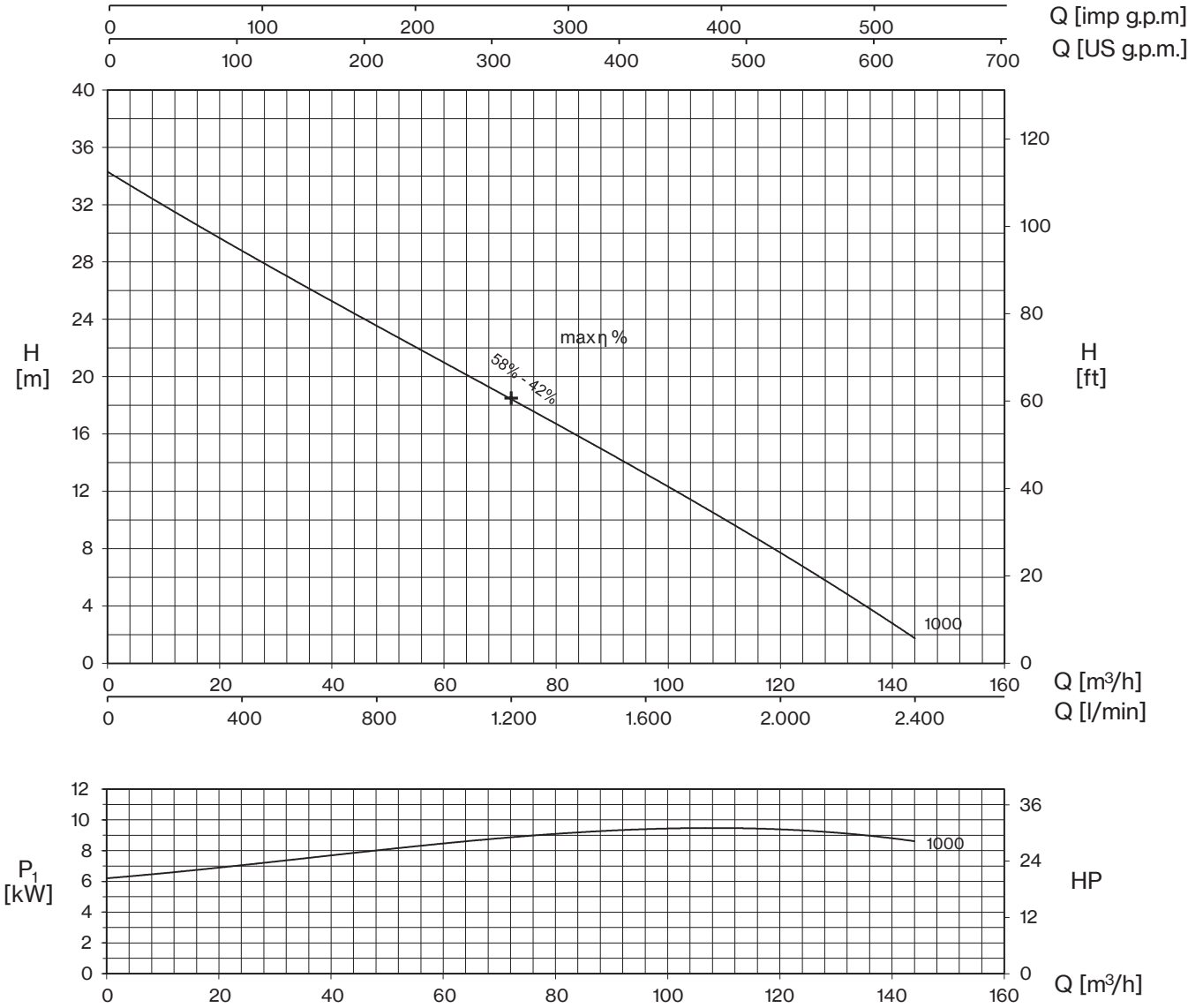
TYPE - 50 Hz	CURRENT			
3~	3~ 230V (*)	3~ 400V	230/400 V λ / Δ (*)	400/690 V λ / Δ
DMT 410	15,4	8,9	-	-
DMT 560	17,6	10,2	-	-

(*) no standard execution

+ max η %

max hydraulic efficiency and respective total efficiency

TYPE - 50 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	5,3	26	24,6	21,1	18,2	15,9	13,3	11,8	10,3	8,3	
DMT 560	5,5	4	6,0	29,1	27,5	24,1	21,1	18,6	16,1	14,7	13,1	11,4	8,9



TYPE - 50 Hz	CURRENT			
3~	3~ 230V (*)	3~ 400V	230/400 V Δ / Δ (*)	400/690 V Δ / Δ
DMT 1000	-	16,3	28,2	16,3

(*) no standard execution

+ max η %
max hydraulic efficiency and respective
total efficiency

TYPE - 50 Hz	P2		P1	Q (m³/h - l/min)											
				0	12	24	36	48	60	72	84	96	108	120	132
	HP	kW	kW	0	200	400	600	800	1000	1200	1400	1600	1800	2000	2200
3~	H (m)														
DMT 1000	10	7,5	9,6	34,9	30,9	28,3	26,1	23,7	21,3	18,7	16,1	13,2	10,2	7,4	4,6



