




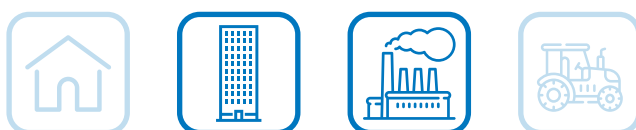
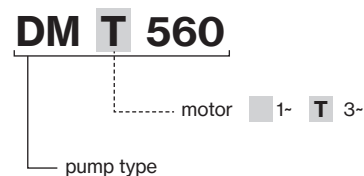
Single channel centrifugal drainage pumps. Specifically designed for heavy duty applications they guarantee high capacity at medium head; ideal for civil and industrial applications. Available in mobile or permanent version with coupling feet.



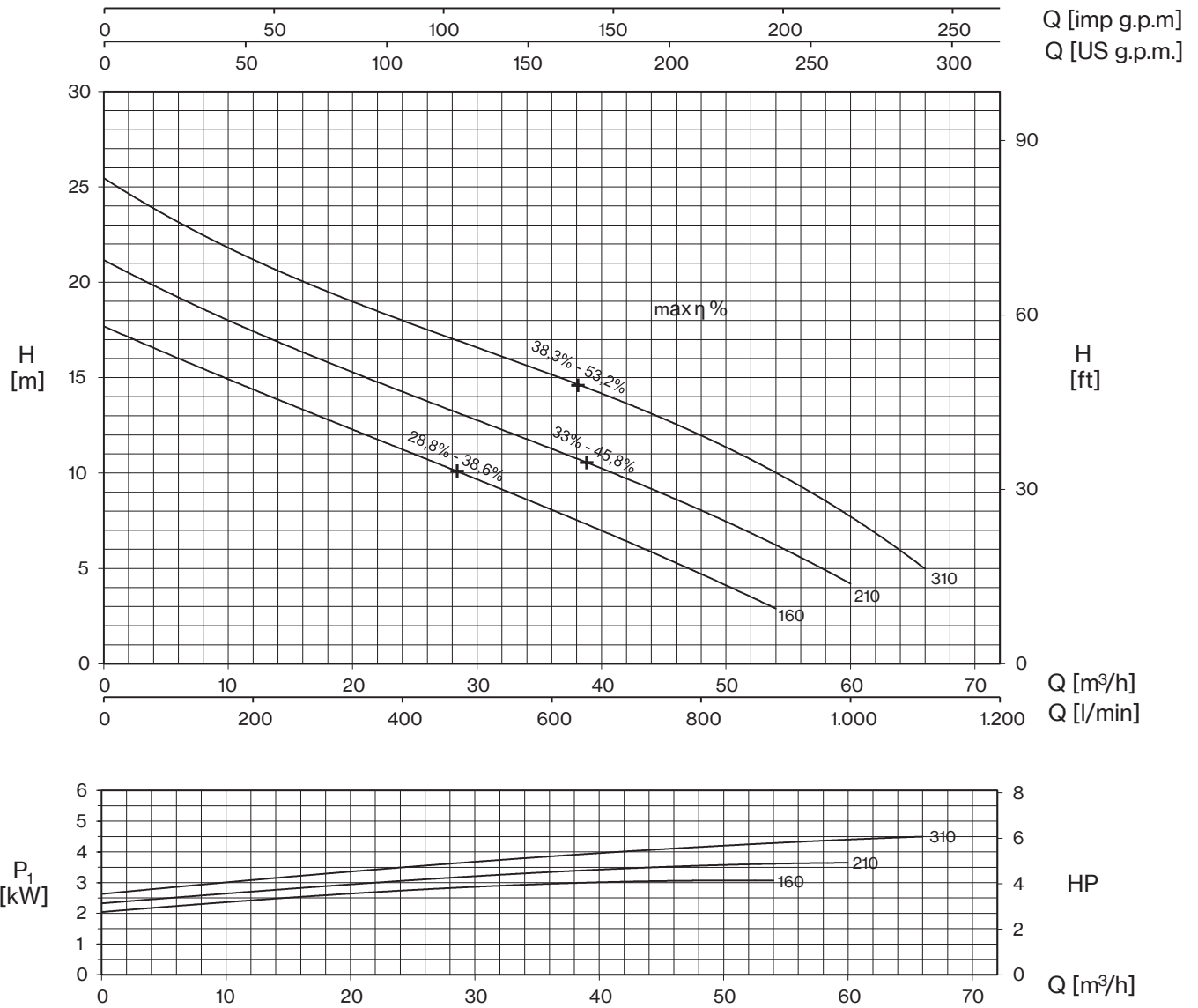
Construction features	
Painting	cataphoresis
Pump body	cast iron
 Impeller	cast iron
Mechanical seal	double seal with oil barrier: silicon carbide on pump side, ceramic-graphite on motor side
Motor shaft	stainless steel AISI 304
Free passage	Ø max 50 mm
Max submergence	20 m
Liquid temperature	0 - 40 °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	-

+ max η %

max hydraulic efficiency and respective total efficiency

(*) no standard execution

TYPE - 60 Hz		P2		P1		Q (m³/h - l/min)											
1~	3~					0	6	12	18	24	30	36	42	48	54	60	66
		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



Q [imp g.p.m.]
Q [US g.p.m.]

100

80

60

40

20

0

Q [m³/h]
Q [l/min]

10,7

8,7

6,7

4,7

2,7

HP

Q [m³/h]

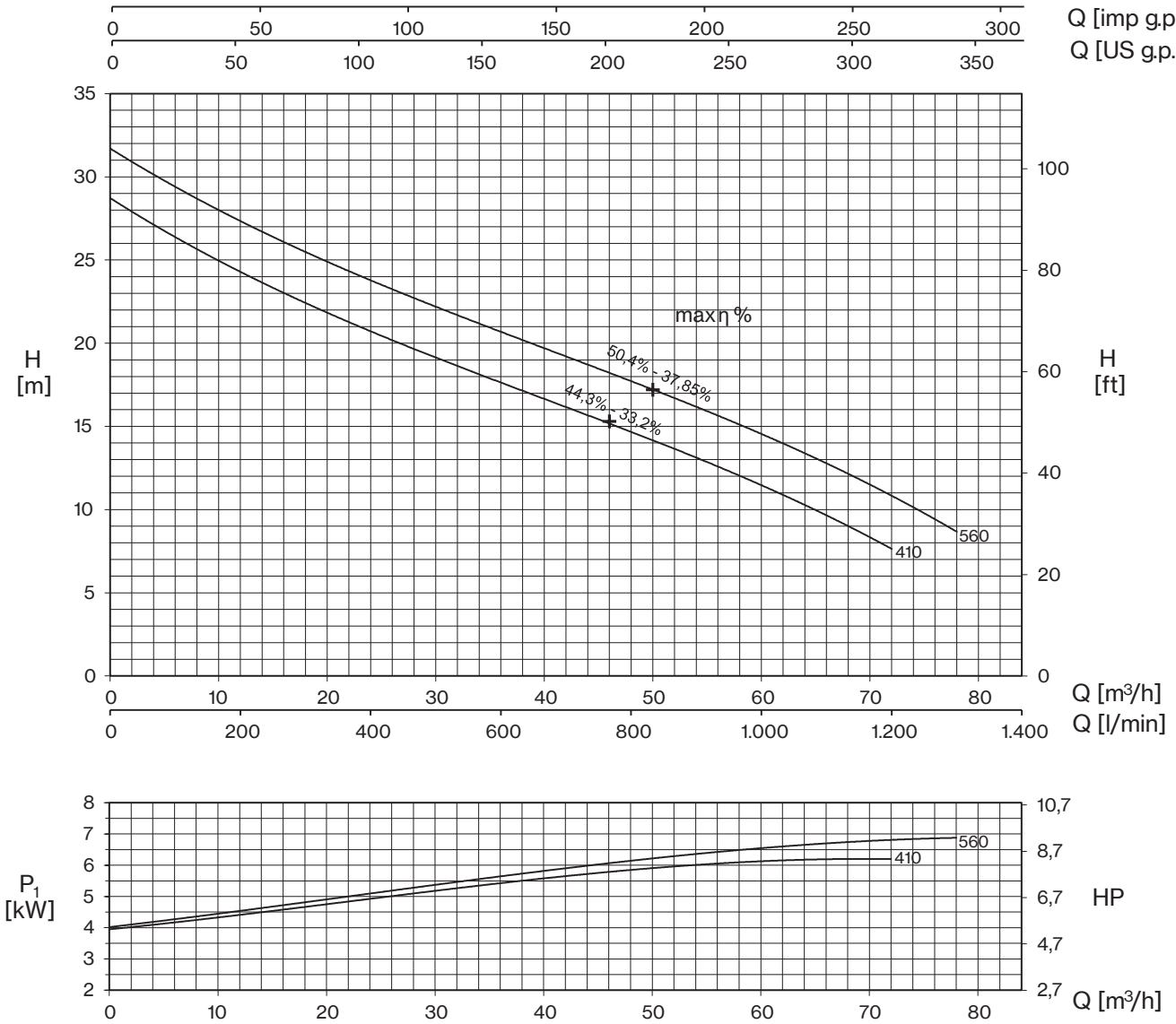
HP

Q [m³/h]

HP

Q [m³/h]

HP



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

(*) no standard execution

+ max η %

max hydraulic efficiency and respective total efficiency

TYPE - 60 Hz	P2		P1	Q (m³/h - l/min)									
				0	6	18	30	42	54	60	66	72	78
3-	HP	kW	kW	H (m)									
				0	100	300	500	700	900	1000	1100	1200	1300
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

