



DM-4



GENERALITA' / FEATURES

Elettropompe sommergibili da drenaggio con girante monocanale che, oltre ad elevate portate, garantiscono prevalenze eccellenti. Ideali per applicazioni civili ed industriali sono progettate per uso gravoso. Prevalenze fino a 16 metri. Portate fino a 192 m³/h. Disponibili per installazione libera e con piede di accoppiamento.

Centrifugal single-channel drainage pumps that besides high capacity, they guarantee high head. These pumps, ideal for industrial and civil application, are specially designed for heavy use. Head up to 16 m. Capacity up to 192 m³/h. Available for mobile and permanent installation with coupling foot.

MATERIALI / MATERIALS

- Corpo pompa in ghisa con bocca flangiata
- Girante in ghisa
- Albero motore in acciaio inox AISI 304 per la parte idraulica
- Doppia tenuta meccanica in carburo di silicio/ceramica carbone, con barriera d'olio e con paraolio lato pompa
- Cavo elettrico di alimentazione lungo 10 m in H07RNF

- *Cast-iron casing with threaded bore*
- *Cast iron impeller*
- *Stainless steel AISI 304 motor shaft on the hydraulic side*
- *Double silicon carbide/ceramic carbon mechanical seal with oil barrier on pump side*
- *10 m electric cable of H07RNF*

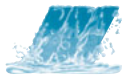
MOTORE / MOTOR

- Motore ad induzione a 4 poli, 50 Hz (n= 1400 rpm) in bagno d'olio, adatto per il servizio continuo
- Protezione IP68 Isolamento in classe F
- Alimentazione trifase 400V con protezione a carico dell'utente

- *4 poles induction motor, 50 Hz (n= 1400 rpm) in oil bath, suitable for continuous duty*
- *IP68 protection, Class F insulation*
- *400V Three-phase feeding with protection at user's care*

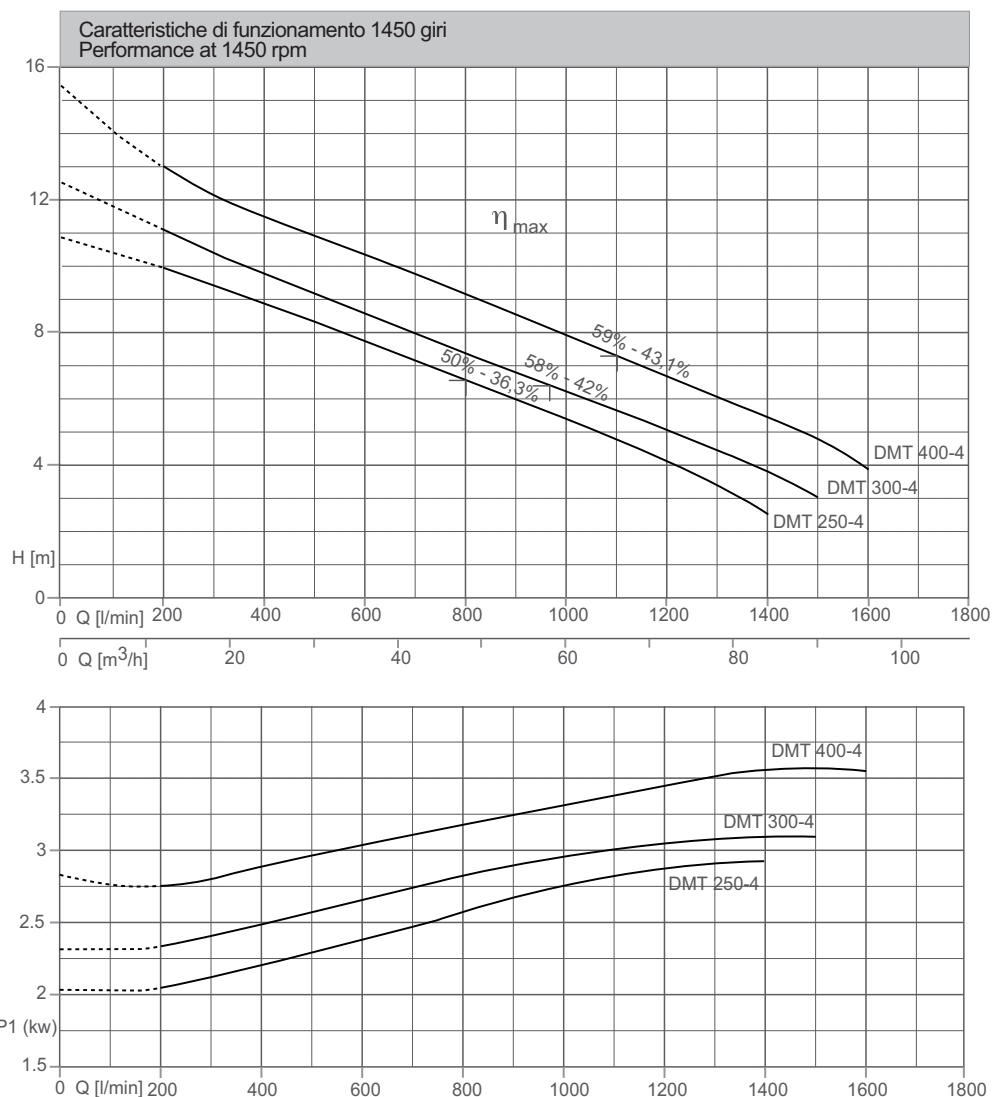
LIMITI DI IMPIEGO / OPERATING CONDITIONS

- Temperatura del liquido pompato 0-40°C
- Profondità di immersione max 20 m
- *Maximum temperature of pumped liquid: 40°C*
- *Maximum immersion depth 20 m*



SERIE - SERIES

DM-4



CARATTERISTICHE TECNICHE / TECHNICAL PERFORMANCE

Modello - Model	P2		P1 (kW)	Q (m³/h - l/min)									
				0	12	24	36	48	60	72	84	90	96
3~			3~	0	200	400	600	800	1000	1200	1400	1500	1600
	(HP)	(kW)		H (m)									
DMT 250-4	2	1.5	2.9	10.8	9.8	8.6	7.6	6.5	5.3	4.0	2.5	-	-
DMT 300-4	3	2.2	3.1	12.4	10.9	10	8.6	7.4	6.3	5.0	3.9	3	-
DMT 400-4	4	3	3.5	15.3	13	11.7	10.4	9.1	8	6.6	5.4	4.7	3.9

Passaggio Solidi

Free passage

60 mm (DMT 250-4/ 300-4/ 400-4)

90 mm (DMT 550-4/ 750-4)



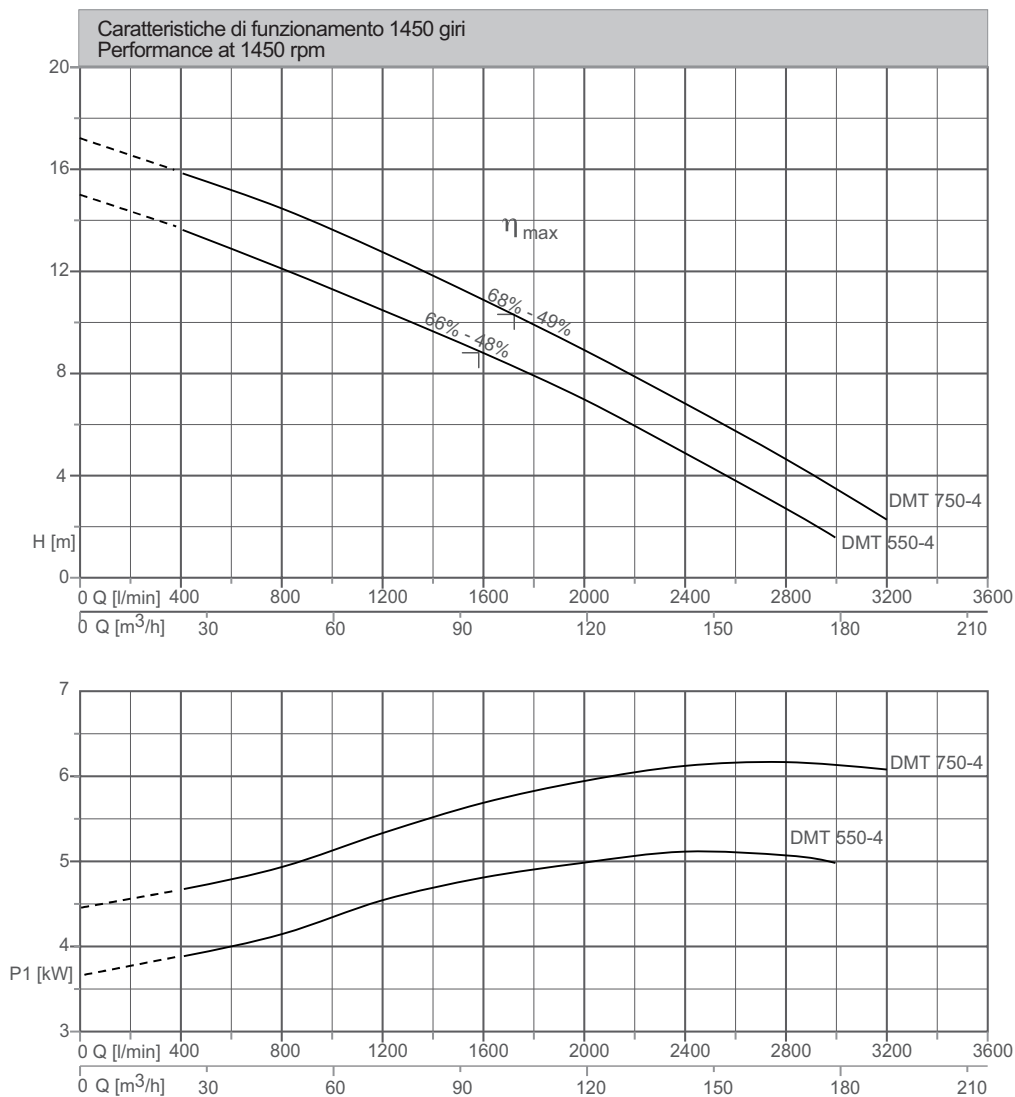
DMT 250-4
300-4
400-4



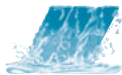
DMT 550-4
750-4

η max: rendimento idraulico massimo
e rispettivo rendimento totale

Maximum hydraulic efficiency
and respective total efficiency

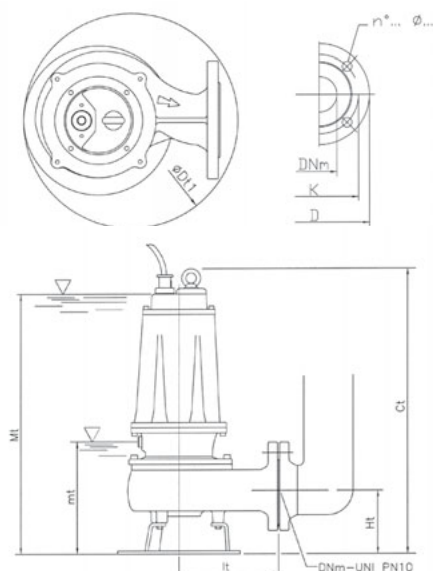
**CARATTERISTICHE TECNICHE / TECHNICAL PERFORMANCE**

Modello - Model	P2		P1 (kW)	Q (m³/h - l/min)									
3 ~				0	24	48	72	96	120	144	168	180	192
	0	400	800	1200	1600	2000	2400	2800	3000	3200			
	(HP)	(kW)	3~	H (m)									
DMT 550-4	5.5	4	5.1	15	13.6	12.1	10.5	8.8	7	5	2.8	1.7	-
DMT 750-4	7.5	5.5	6.2	17.0	15.8	14.3	12.7	10.9	9	6.8	4.7	3.6	2.4

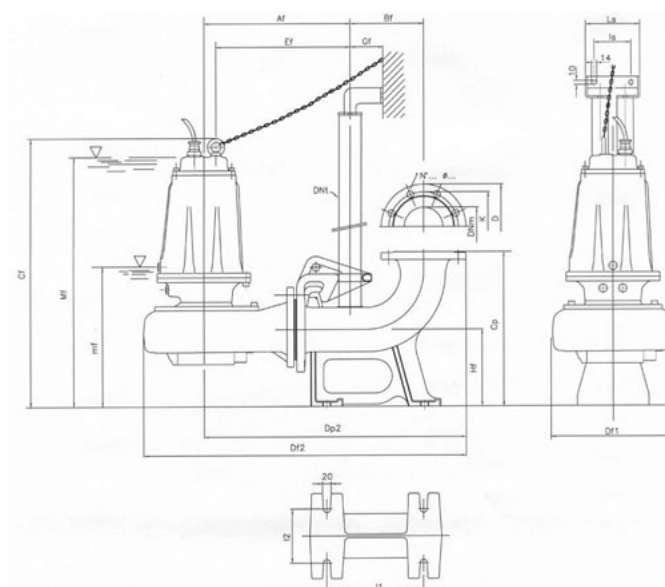


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COMPONENTI/COMPONENTS	MATERIALI/MATERIALS
Corpo motore, parte idraulica Motor housing, hydraulic part	Ghisa grigia grey cast iron
motore elettrico Electric motor	Asincrono, a bagno d'olio asynchronous type, oil immersed
Albero(lato pompa) Shaft (pump side)	Acciaio inossidabile stainless steel
Tenuta meccanica lato motore Motor side mechanical seal	Ceramica carbone carbon - ceramic
Tenuta meccanica lato pompa Pump side mechanical seal	Carburo di silicio - carburo di silicio silicon carbide - silicon carbide
Bulloni Bolts	Acciaio inossidabile A2 A2 stainless steel
Supporto piede Foot support	Ferro zincato galvanized iron
Guarnizioni (O-ring) Gaskets (O-Rings)	Gomma NBR NBR rubber

Flangia
CounterflangeLIBERA - MOBILE INSTALLATION
DMT 250-750-4

mt: livello minimo di lavoro
Mt: livello minimo per servizio continuo
mt: lowest working level
Mt: lowest level for continuous duty

INSTALLAZIONE CON KIT PIEDE ACCOPPIAMENTO
FIXED INSTALLATION WITH QUICK COUPLING KIT
DMT 250-750-4/P

Modello - Model	DIMENSIONI - DIMENSIONS (mm)						Flange UNI PN10				PESO/ WEIGHT kg
	Ct	øDt1	Ht	Lt	mt	Mt	DNm	K	D	n°...Ø...	
DMT 250-4	660	422	165	235	300	615	100	180	220	8...18...	68.5
DMT 300-4	660	422	165	235	300	615	100	180	220	8...18...	70.5
DMT 400-4	660	422	165	235	300	615	100	180	220	8...18...	72.5
DMT 550-4	715	485	195	276	385	695	100	180	220	8...18...	105
DMT 750-4	715	485	195	276	385	695	100	180	220	8...18...	108.5

Modello - Model	DIMENSIONI - DIMENSIONS (mm)																	Flange UNI PN10		
	Af	Bf	Cf	Cp	Df1	Df2	Dp2	DNt	Ef	Gf	Hf	I1	I2	Is	Ls	mf	Mf	DNm	K	D
DMT 250-4/P	378	190	695	400	317	835	678	2"	347	85	200	250	140	130	180	335	650	100	180	220
DMT 300-4/P	378	190	695	400	317	835	678	2"	347	85	200	250	140	130	180	335	650	100	180	220
DMT 400-4/P	378	190	695	400	317	835	678	2"	347	85	200	250	140	130	180	335	650	100	180	220
DMT 550-4/P	417	190	755	400	371	900	717	2"	387	85	200	250	140	130	180	390	700	100	180	220
DMT 750-4/P	417	190	755	400	371	900	717	2"	387	85	200	250	140	130	180	390	700	100	180	220