



Technical data

Date	9/23/2025
Offer N.	---
Pump Type	FM160

Client	EES GmbH	Reference	---
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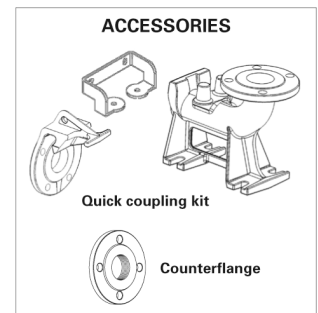
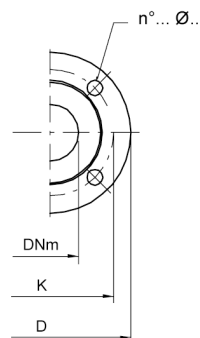
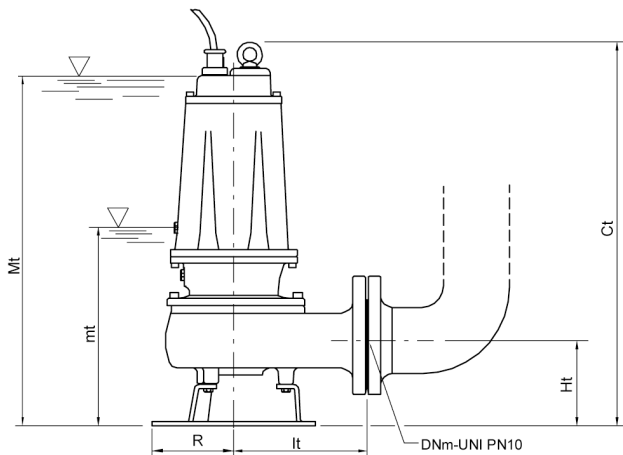
Pump data

Pump body	Cast iron	Drainage pumps for loaded waters with single-channel centrifugal impeller, entirely made in cast iron. These pumps, thanks to the type of impeller, generate a high head. These pumps are designed for extremely heavy use and for pumping liquids with a high amount of suspended solids. The sealing system consists of two mechanical seals lubricated in oil chamber. The descent system for automatic coupling to the delivery piping is available.
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 EN X5CrNi18-10	
Passage of solids	50 mm 45 mm	
Allowed depth of immersion	Max 20 m	
Liquid temperature	0°C +40°C	
Cable	H07 RN8F, 10 m	
Bolts	A2 stainless steel	
Foot support	Galvanized iron	
O-rings	NBR rubber	

A				
1~ 1x230V	3~ 3x230V	3~ 3x400V	3~ 230/400V	3~ 400/690V
12,5	7,6	4,4	---	---

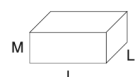
P2		P1 (kW)		Q (m ³ /h - l/min)									
HP	kW	1~	3~	0	6	12	18	24	30	36	42	48	54
				0	100	200	300	400	500	600	700	800	900
				H (m)									
1,5	1,1	2,8	2,6	17	15,3	13,8	12,3	11	9,8	8,4	7,1	5,5	3,8

Technical Sheet



Mt/Mt: livello minimo di funzionamento continuo
mt/mf: livello minimo di funzionamento

Flange UNI PN 10 (mm)			
DNm	K	D	n°... Ø...
65	145	185	4... 18...
80	160	200	8... 18...



DIMENSIONS (mm)						DNM	Kg
Ct	Ht	R	lt	mt	Mt		
551	123	117	191	243	513	65	42,5

Notes

The information may be subject to change without notice. It is always advisable to contact our commercial department in order to get further information about the products, their technical specifications and warranty conditions. The Company is expressly relieved of any liability for the purchasing of a product not in line with the customer's needs, if not consulted beforehand for a specific consultancy.



Working Curves

Pump type: FM160

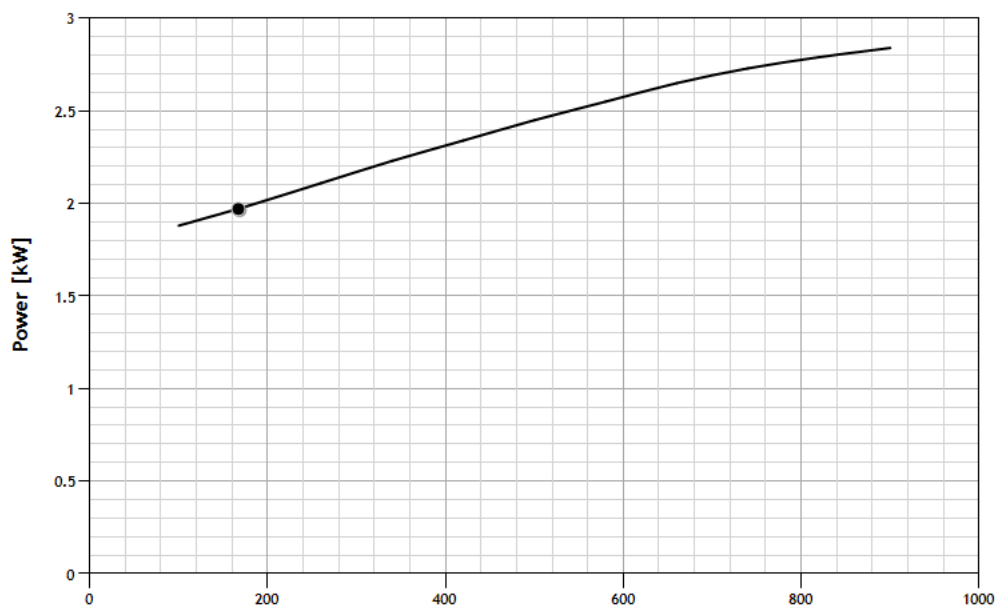
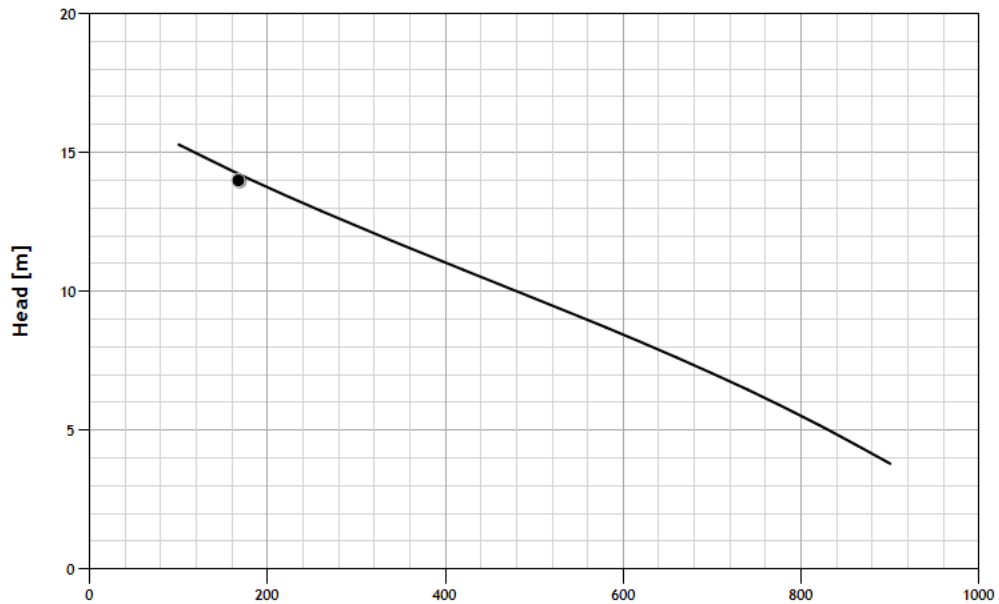
Curv n°:

FM160

Date:

9/23/2025

Q (l/min) 167 | H (m) 14 | Power [kW] 1.97 | Efficiency % - | NPSH (m) -



MEI ≥ 0.4 (regulation EU N. 547/2012)
Tolerances according to UNI ISO 9906 grade 3B