



Technical data

Date	9/23/2025
Offer N.	---
Pump Type	P 18V-450/5T

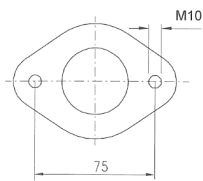
Client	EES GmbH	Reference	---
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Pump data

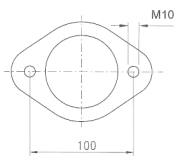
Pump body / Motor bracket	Cast iron	Stainless steel multistage vertical pumps. Pumping of clean non-loaded fluids; pressurizing system; irrigation; drinking and glycol water; water treatment; food industry; heating and air conditioning; washing system.
External shell	Stainless steel AISI 304 EN X5CrNi18-10	
Impeller	Noryl®	
Motor shaft	Stainless steel AISI 304 EN X5CrNi18-10	
Mechanical seal	Ceramic-graphite ≤ 6 impeller; Graphite-silicon carbide ≥ 7 impeller	
Intermediate shaft guiding stage bush	Ceramic-tungsten carbide	
Pump body gasket	EPDM	
Operating pressure	Max 8 bar ≤ 6 impellers Max 14 bar ≥ 7 impellers	
Liquid temperature	-5°C +35°C	
Ambient temperature	Max 40°C	

P2		P1 (kW)		A		Q (m³/h - l/min)									
(HP)	(kW)	1~	3~	1~ 1x230V	3~ 3x400V	0	6	7.2	9.6	12	14.4	16.8	19.2	21.6	24
						0	100	120	160	200	240	280	320	360	400
						H (m)									
4,5	3,37	---	3,9	---	6,9	59.2	57.6	57.4	56.4	54.5	51.6	46.7	40.1	33.3	25.3

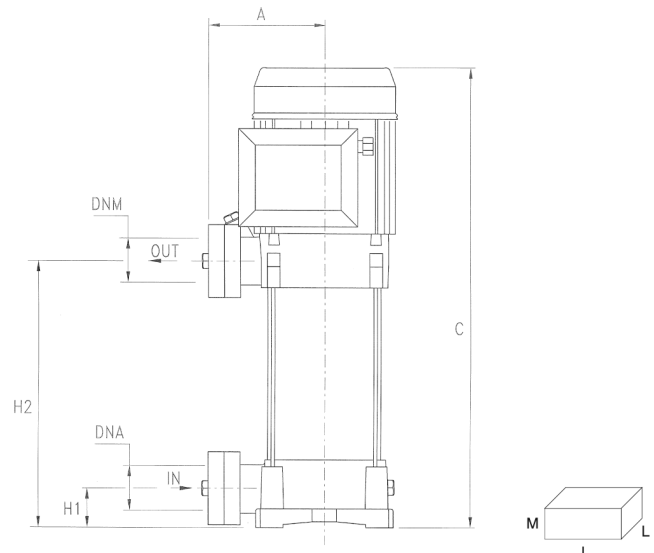
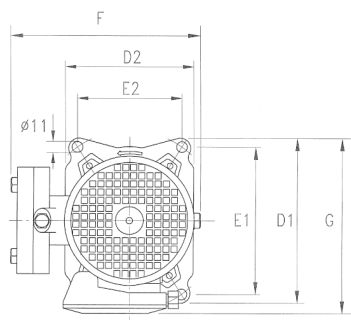
Technical Sheet



3-5-7



9-18



DIMENSIONS (mm)										Kg	DNA	DNM
A	C	D1	D2	E1	E2	F	G	H1	H2			
135	640	204	162	178,5	125	235	243	50	289	37	2"G	1"1/2G

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: P 18V-450/5T

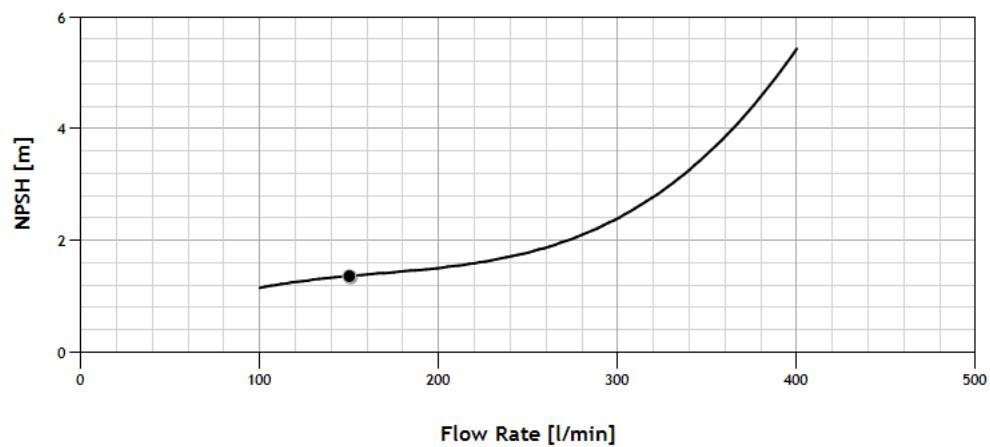
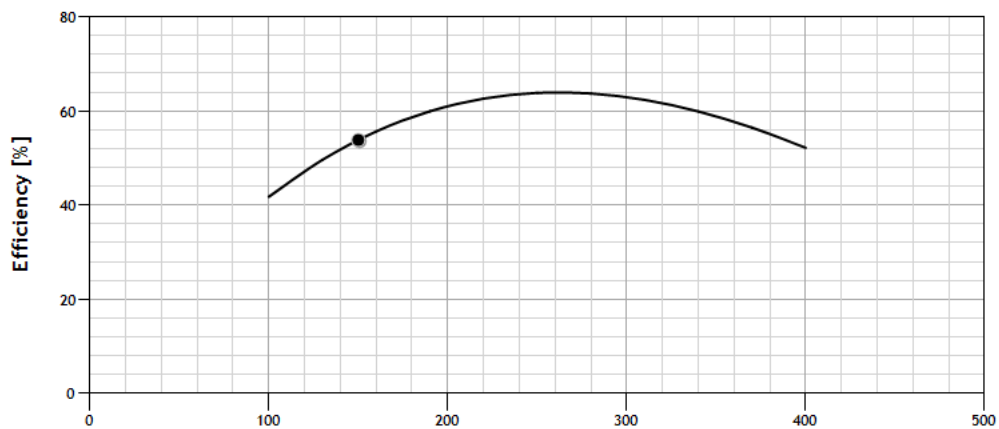
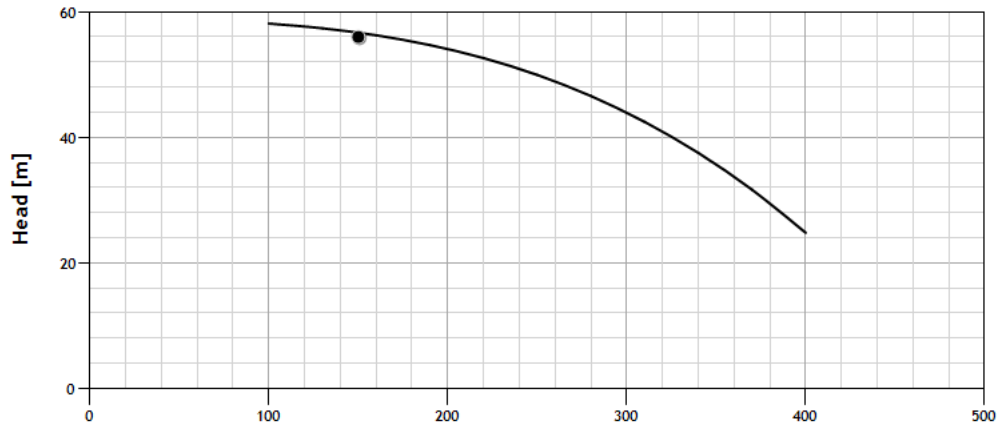
Curv n°:

P 18V-450/5T

Date:

9/23/2025

Q (l/min) 150 | H (m) 56 | Power [kW] - | Efficiency % 53.86 | NPSH (m) 1.36



MEI $\geq$ 0,4 (regulation EU N. 547/2012)
Tolerances according to UNI ISO 9906 grade 3B