



Technical data

Date	9/23/2025
Offer N.	---
Pump Type	P 18HX-100/1T

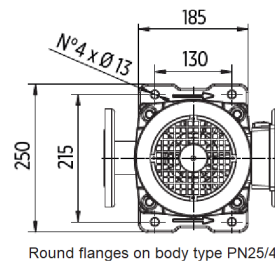
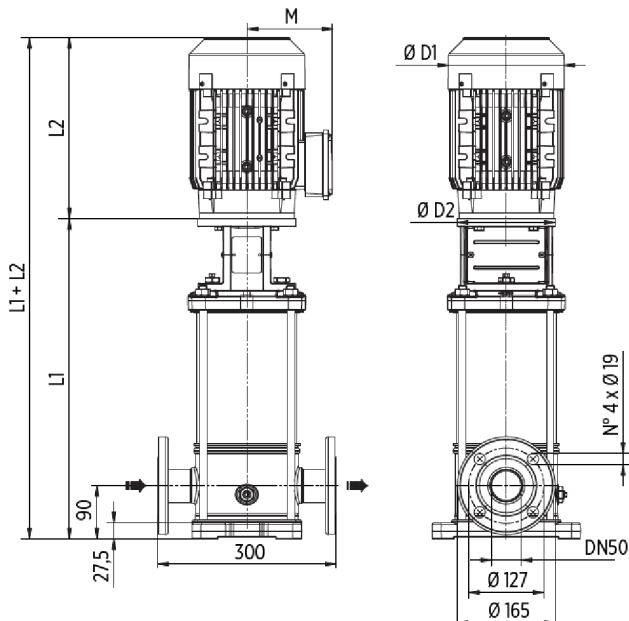
Client	EES GmbH	Reference	---
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Pump data

Impeller, diffuser	Stainless steel AISI 316 EN X5CrNiMo17-12-2	Vertical multistage centrifugal pump with in-line ports, solid structure and easily replaceable cartridge mechanical seal that allows maintenance time to be significantly reduced. The HX version comes with all wetted parts made of stainless steel to ensure fully corrosion resistance. This pump is an ideal solution for any pressure boosting application: water distribution, drinking water, irrigation, water treatment plants, gardening, washing systems, boiler feed, circulation of liquids for heating, cooling and conditioning systems.
External shell, shaft	Stainless steel AISI 316 EN X5CrNiMo17-12-2	
Pump body	Stainless steel AISI 316 EN X5CrNiMo17-12-2	
Cartridge mechanical seal	Silicon carbide/ graphite/ EPDM	
O-rings	EPDM	
Operating pressure	Max 26 bar	
Liquid temperature	-30°C +120°C (max 85°C for domestic use)	
Ambient temperature	Max 40°C	

MOTOR P2		Q (m3/h - l/min)										
(HP)	(kW)	0	8	9	10	11	12	13	14	16	18	21
		0	133.33	150	166.67	183.33	200	216.67	233.33	266.67	300	350
		H (m)										
1	0.75	13	11.7	11.6	11.4	11.1	10.8	10.4	10.1	9.1	7.9	5.6

Technical Sheet



Round flanges on body type PN25/40

The pump is supplied without counterflanges (optional accessories, including bolts and joints)



HX

MOTOR		DIMENSIONS (mm)						Kg		
kW	Dim	L1	L2	M	D1	D2	L1-L2	Pump	Motor	Total
0,75	80	396	243	130	157	170	639	19	17	36

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.

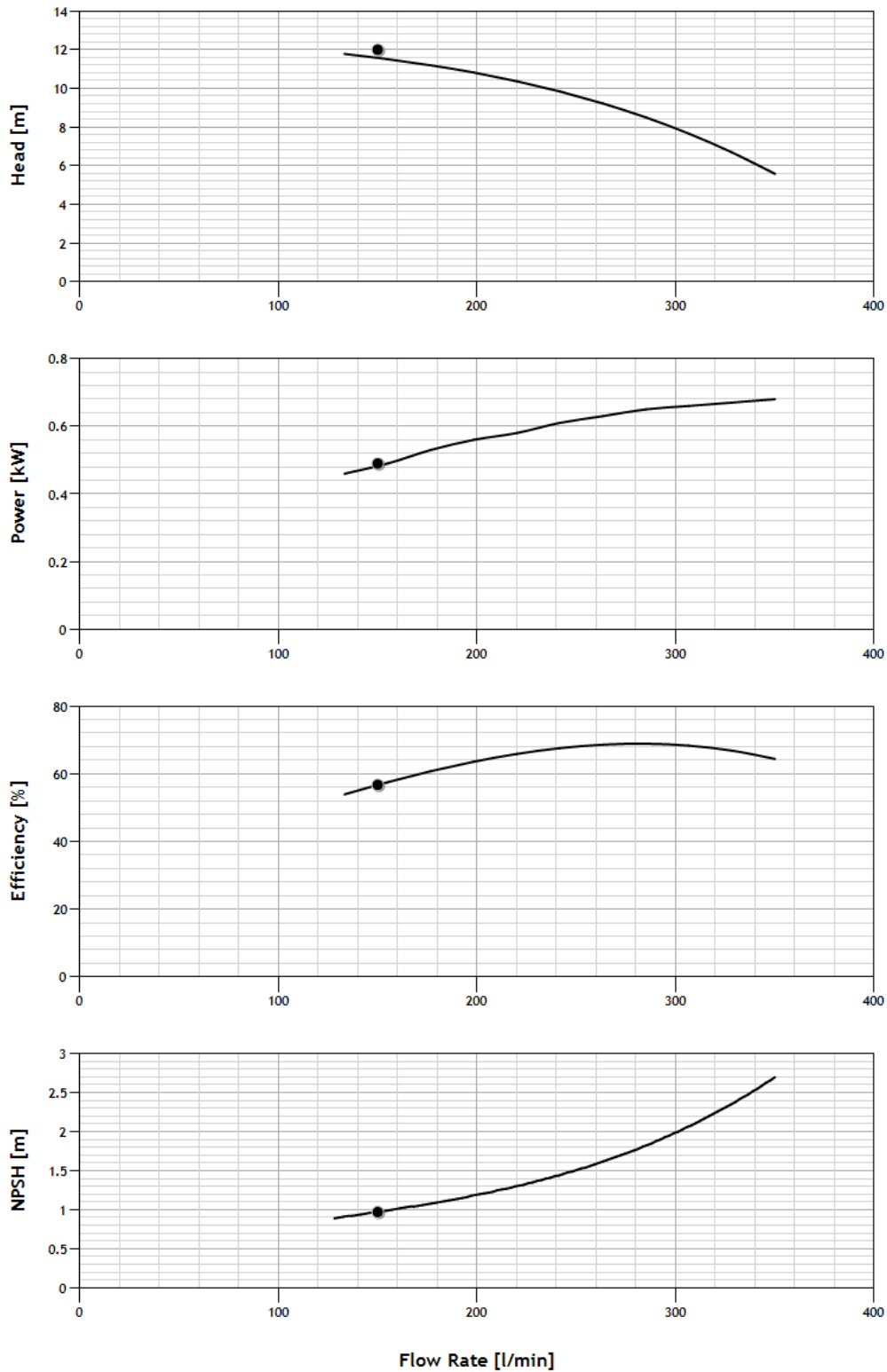


Working Curves

Pump type: P 18HX-100/1T

Curv n°:	P 18HX-100/1T
Date:	9/23/2025
Pump Speed	2900 rpm

Q (l/min) 150 | H (m) 12 | Power [kW] 0.49 | Efficiency % 56.74 | NPSH (m) 0.97



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