



Technical data

Date	9/21/2025
Offer N.	---
Pump Type	KMS50AE/4

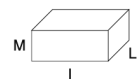
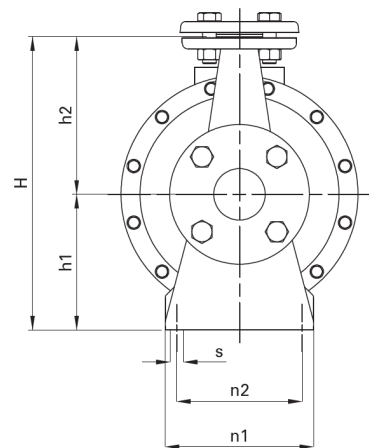
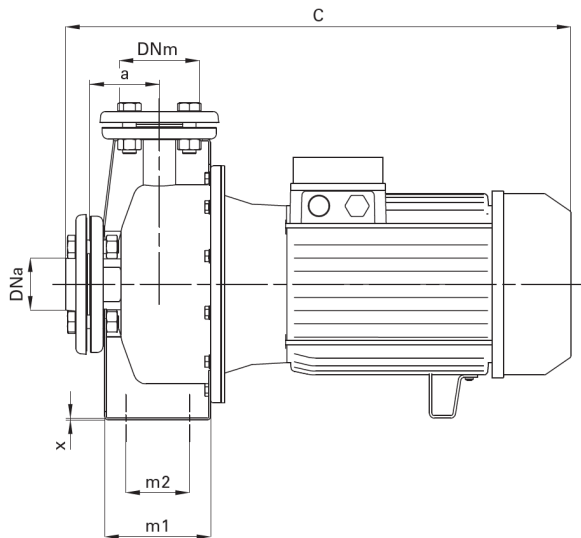
Client	EES GmbH	Reference	---
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Pump data

Pump body	Stainless steel AISI 304 EN X5CrNi18-10	Monobloc horizontal centrifugal pumps. Widely used in water supplies, pressurization, cooling, and industrial applications. Their flat curve guarantees small change in pressure drop for large change in flow.
Impeller	Stainless steel AISI 304 EN X5CrNi18-10	
Mechanical seal housing	Stainless steel AISI 304 EN X5CrNi18-10	
Motor bracket	Cast iron GJL-250	
Mechanical seal	Ceramic-Graphite	
Pump shaft end	Stainless steel AISI 304 EN X5CrNi18-10	
Liquid temperature	-10°C +90°C	
Operating pressure	Max 10 bar	

P2		P1 (kW)		A		Q (m3/h - l/min)													
(HP)	(kW)	1~	3~	1x230V	3x400V	0	18	21	24	27	30	33	36	39	42	45	48	54	60
						0	300	350	400	450	500	550	600	650	700	750	800	900	1000
H (m)																			
5,5	4	4,4	4,2	20	8	26	25.8	25.6	25.3	25.1	24.9	24.6	24.2	23.6	22.9	22.2	21.4	19.8	18.1

Technical Sheet



DNA	DNM	DIMENSIONS (mm)														Kg
		a	h1	h2	m1	m2	n1	n2	x	s	C	H	I	L	M	
65	50	100	132	160	125	75	175	148	2	10	555	292	555	255	345	43,5

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: KMS50AE/4

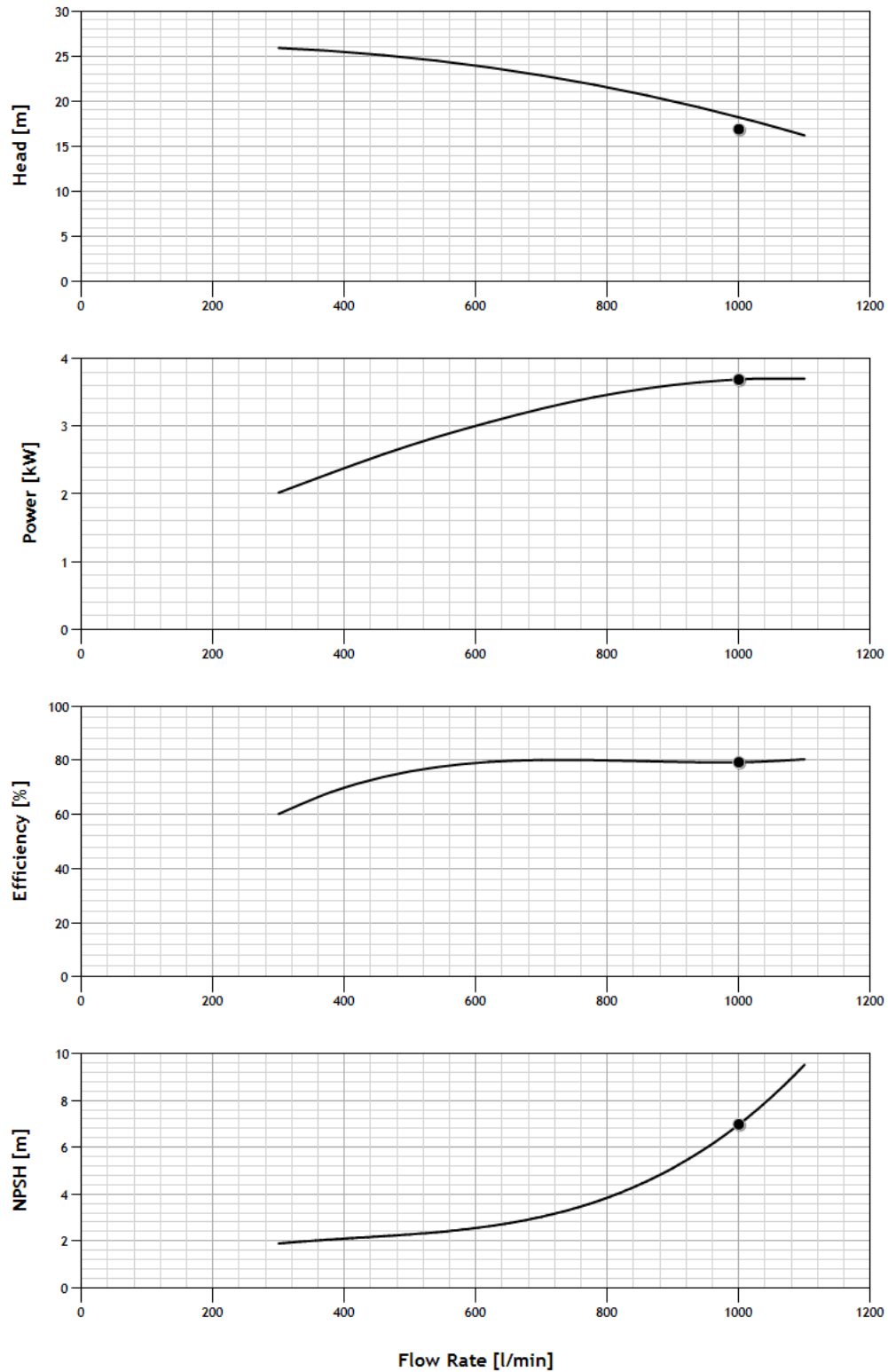
Curv n°:

KMS50AE/4

Date:

9/21/2025

Q (l/min) 1000 | H (m) 16.9 | Power [kW] 3.69 | Efficiency % 79.28 | NPSH (m) 6.98



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

KMS Serie-Mechanical seal and bearings

MECHANICAL SEAL	PUMP MODEL	SHAFT Ø		STANDARD MATERIAL	OPTIONAL			
					E	V	2E	2V
	KMS32BE/1,5, KMS32BE/2,2, KMS32CE/3, KMS40BE/1,5, KMS40BE/2,2, KMS40BE/3, KMS50AE/3	20mm	Rotating face Stationary face Elastomer	Ceramic Graphite NBR	Ceramic Graphite EPDM	- - -	SiC SiC EPDM	SiC SiC FKM
	KMS32CE/4, KMS32CE/5,5, KMS40BE/4, KMS40CE/5,5, KMS40CE/7,5, KMS40CE/11, KMS50AE/4, KMS50BE/5,5, KMS50CE/7,5, KMS50CE/11, KMS50CE/15- KMS50CE/15, KMS50CE/18,5, KMS65AE/5,5, KMS65AE/7,5, KMS65BE/11, KMS65BE/15, KMS65BE/15, KMS65CE/18,5, KMS65CE/22, KMS80BE/11, KMS80BE/15, KMS80BE/18,5, KMS80CE/22	28mm	Rotating face Stationary face Elastomer	Ceramic Graphite NBR	Ceramic Graphite EPDM	Ceramic Graphite FKM	SiC SiC EPDM	SiC SiC FKM

BEARINGS	PUMP MODEL	TYPE	
	3-KMS32CE/4, 3-KMS40BE/4, 3-KMS50AE/4	6204-ZZ	6206-ZZ C3
	KMS32BE/1,5, KMS32BE/2,2, KMS32CE/3, KMS40BE/1,5, KMS40BE/2,2, KMS40BE/3, KMS50AE/3	6205-ZZ C3	6203-ZZ
	1-KMS32CE/4, KMS32CE/5,5, 1-KMS40BE/4, KMS40CE/5,5, KMS40CE/7,5, 1-KMS50AE/4, KMS50BE/5,5, KMS50CE/7,5, KMS65AE/5,5, KMS65AE/7,5	6206-ZZ C3	6306-ZZ C3
	KMS40CE/11, KMS50CE/11, KMS65BE/11, KMS80BE/11	6206-ZZ C3	6308-ZZ C3
	KMS65BE/15, KMS50CE/15, KMS80BE/15	6308-ZZ C3	6306-ZZ C3
	KMS50CE/15, KMS50CE/18,5, KMS65BE/15, KMS65CE/18,5, KMS65CE/22, KMS80BE/15, KMS80BE/18,5, KMS80CE/22	6308-ZZ C3	6309-ZZ C3