Technical data

Date	**9/22/2025**
Offer N.	---
Pump Type	**MNG100-250C**

Client	**EES GmbH**	Reference	**---**

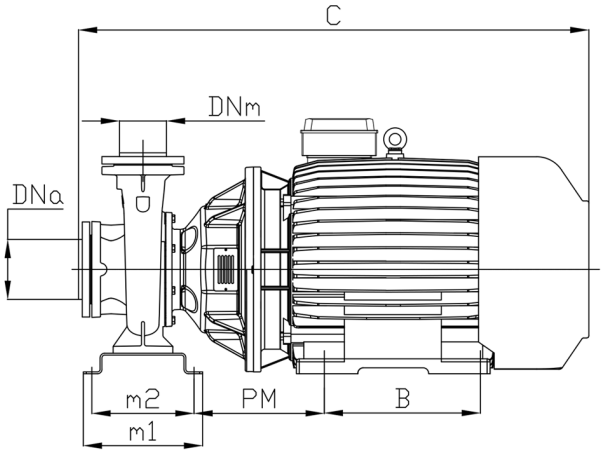
Pump data

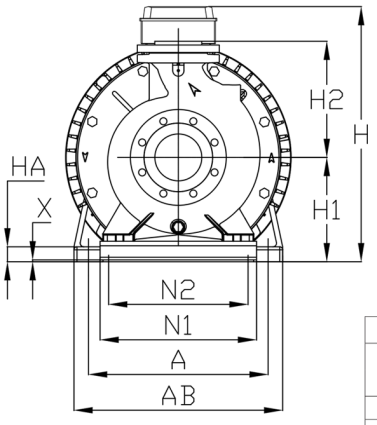
Pump body and rear shield	Cast iron GJL-250
Motor bracket	Cast iron GJL-250
Impeller	Cast iron GJL-250 On request bronze or stainless steel AISI 316
Mechanical seal	Ceramic-Graphite
Pump shaft end	Stainless steel AISI 316 EN X5CrNiMo17-12-2
Liquid temperature	-10°C +90°C
Operating pressure	Max 10 bar

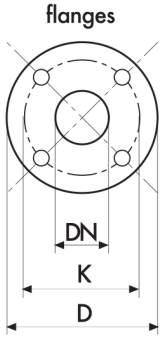
Monobloc horizontal centrifugal pumps, constructed to EN 733 standards, with stub-shaft and bracket for coupling to standard motors; widely used in water supplies, pressurisation and fire-fighting systems, standard supply with counter-flange.

P2	Motor Size	Q (m3/h - l/min)												
		0	120	132	144	156	168	180	195	210	225	240	270	300
(kW)		0	2000	2200	2400	2600	2800	3000	3250	3500	3750	4000	4500	5000
		H (m)												
55	250M	71.9	73.2	73.1	72.9	72.6	72.2	71.8	71.1	70.3	69.3	67.9	64.7	61

Technical Sheet







DIMENSIONS (mm)				
DN	D	K	holes	
			n°	Ø
80	200	160	8	18
100	220	180	8	18
125	250	210	8	18

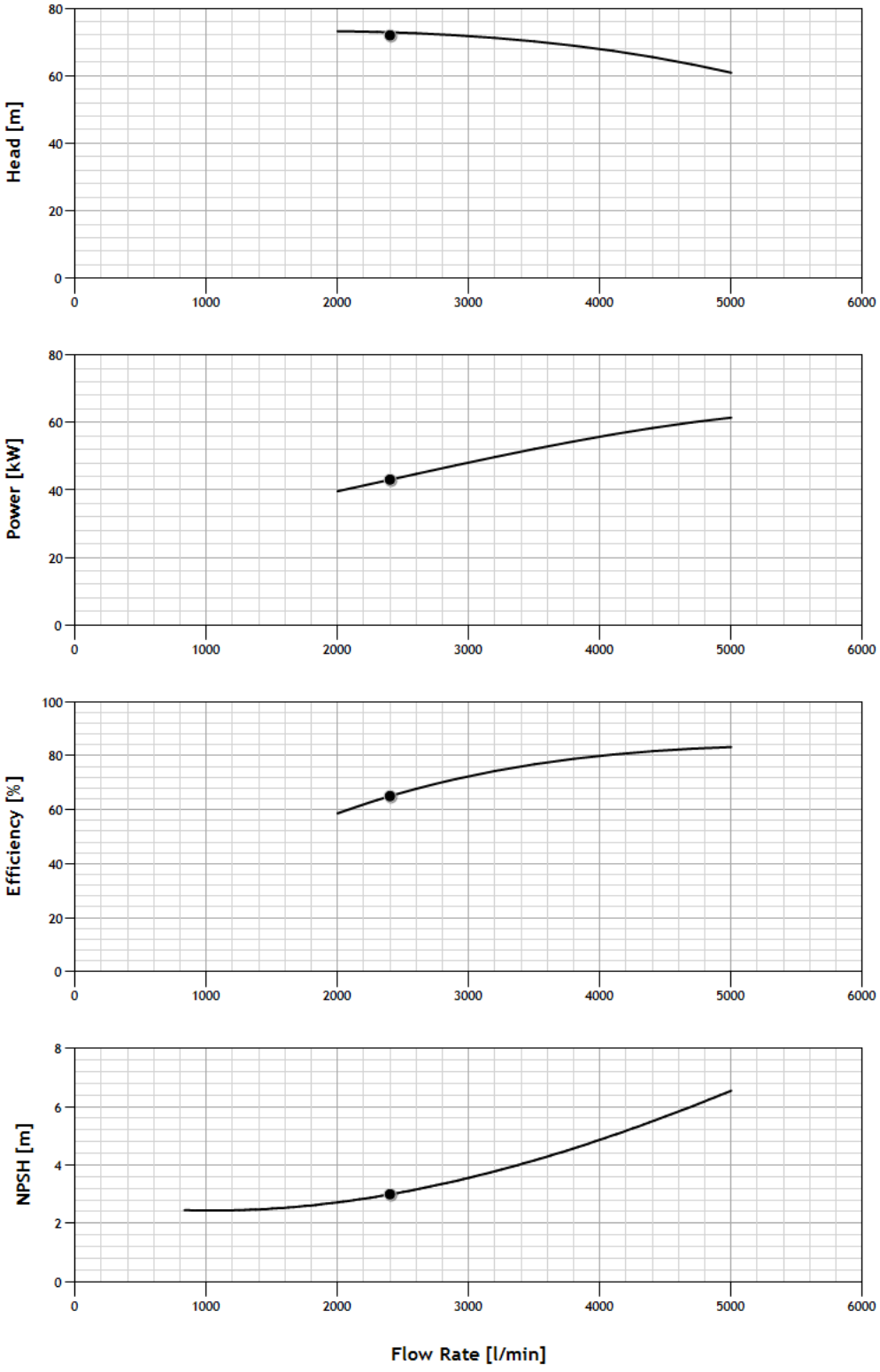
DIMENSIONS (mm)															Kg
DNa	DNm	m1	m2	N2	N1	H1	H2	H	A	AB	B	PM	C	HA	
125	100	320	280	360	420	280	321	655	406	485	349	325	1235	60	516

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.

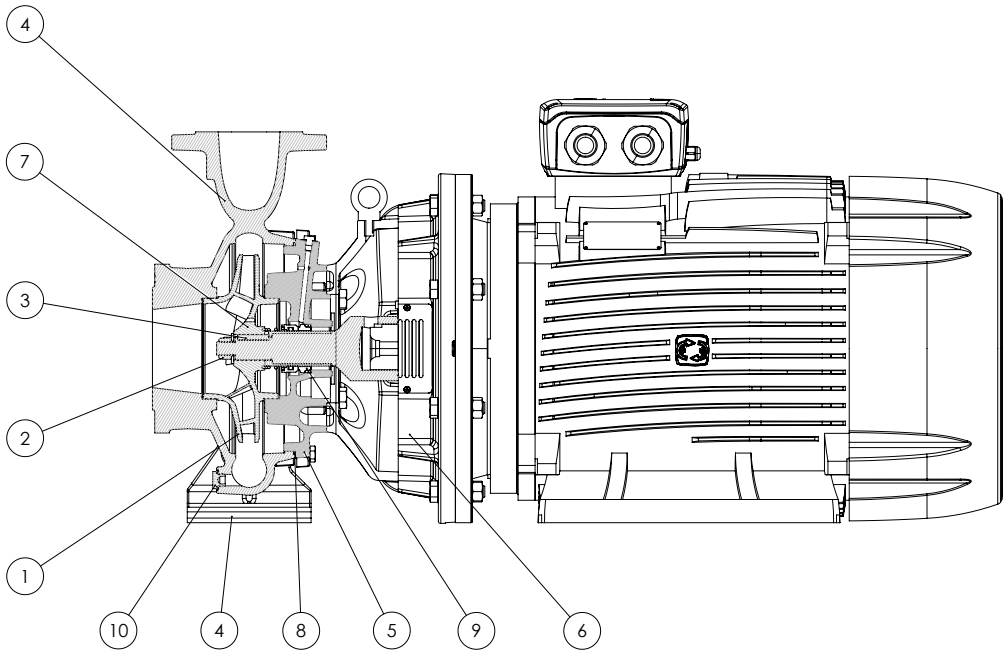
FORAS water pumps	**Working Curves**	Curv n°:	MNG100-250C
		Date:	9/22/2025
	Pump type: MNG100-250C		

Q (l/min) 2400 | H (m) 72 | Power [kW] 43.07 | Efficiency % 65.03 | NPSH (m) 3



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

MNG Series
Models list and materials



POS. N.	DENOMINATION	VERSION	MATERIAL	REFERENCE STANDARDS	
				EUROPE	USA
1	**Impeller**	Standard B X	Cast iron G20 Bronze Stainless steel	GJL-200 (JL1030) CuSn10-C (CC480K) X5CrNiMo17-12-2/ 1.4401	ASTM Class 30 UNS C90700 AISI 316
2	**Impeller lock nut and washer**		Stainless steel	X5CrNiMo17-12-2/ 1.4401	AISI 316
3	**Impeller key**		Stainless steel	X5CrNiMo17-12-2/ 1.4401	AISI 316
4	**Volute casing**	Standard X	Cast iron G25 Stainless steel	GJL-250 (JL1040) X5CrNiMo17-12-2/ 1.4401	ASTM Class 35 AISI 316
5	**Casing cover**	Standard X	Cast iron G20 Stainless steel	GJL-200 (JL1030) X5CrNiMo17-12-2/ 1.4401	ASTM Class 30 AISI 316
6	**Motor bracket**		Cast iron G20	GJL-200 (JL1030)	ASTM Class 30
7	**Stub shaft**		Stainless steel	X5CrNiMo17-12-2/ 1.4401	AISI 316
8	**O-ring**	Standard E V	NBR EPDM FKM		
9	**Mechanical seal**		(Search for the material in the mechanical seal table)		
10	**Fill and drain plugs**	Fill and drain plugs	Brass	CU ZN 40 PB2 UNI 5705/65	C37700

MNG Series-Mechanical seal and bearings

MECHANICAL SEAL	PUMP MODEL	SHAFT Ø		STANDARD MATERIAL	OPTIONAL			
	MNG80-250B, MNG80-250A, MNG100-200B, MNG100-200A, MNG100-250C, MNG100-250B, MNG100-250A	45mm	***Rotating face***	CrNi-steel	CrNi-steel	CrNi-steel	SiC	SiC
			Stationary face	Graphite	Graphite	Graphite	SiC	SiC
			Elastomer	NBR	EPDM	FKM	EPDM	FKM

MOTOR BEARINGS	PUMP MODEL	TYPE	
	MNG80-250B, MNG100-200B	6313-ZZ C3	6313-ZZ C3
	MNG80-250A, MNG100-200A, MNG100-250C, MNG100-250B, MNG100-250A	6314-ZZ C3	6314-ZZ C3