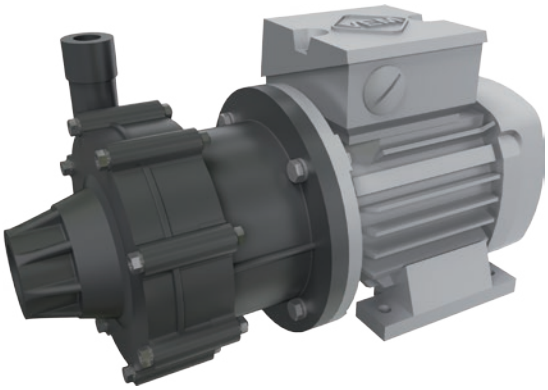
MAGNETIC DRIVEN
CHEMICAL CENTRIFUGAL PUMPS
Baureihe EUROLINE

M10.2H



TECHNICAL DATA

Nominal speed:	2900 1/min
Capacity flow, max.:	13 m³/h
Discharge head, max.:	14 mWs
Design pressure, max.:	4 bar
Design temparture, max.:	PP 60°C
	PVDF 90°C
Density, max.:	1,9 kg/dm³
Viscosity, max.:	200 cP

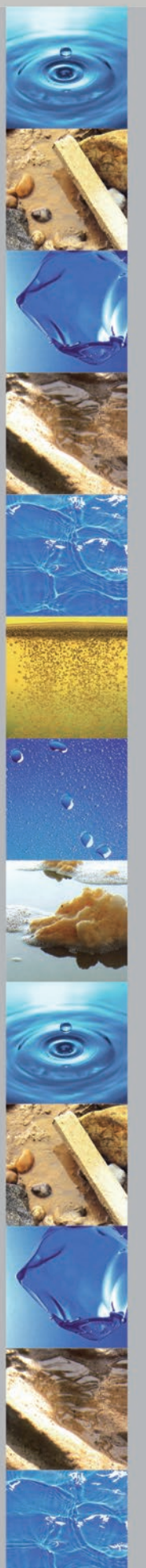
APPLICATIONS
Series M / EUROLINE Magnetic Driven Centrifugal Pumps are used especially for a safe handling of corrosive liquids, acids, lyes and solvents. Proven applications e.g. the use as filterpumps in plating industry, such as recirculating pumps in chemical industries and Plants, as well as in food-, pharmaceutical industry and biotechnics.

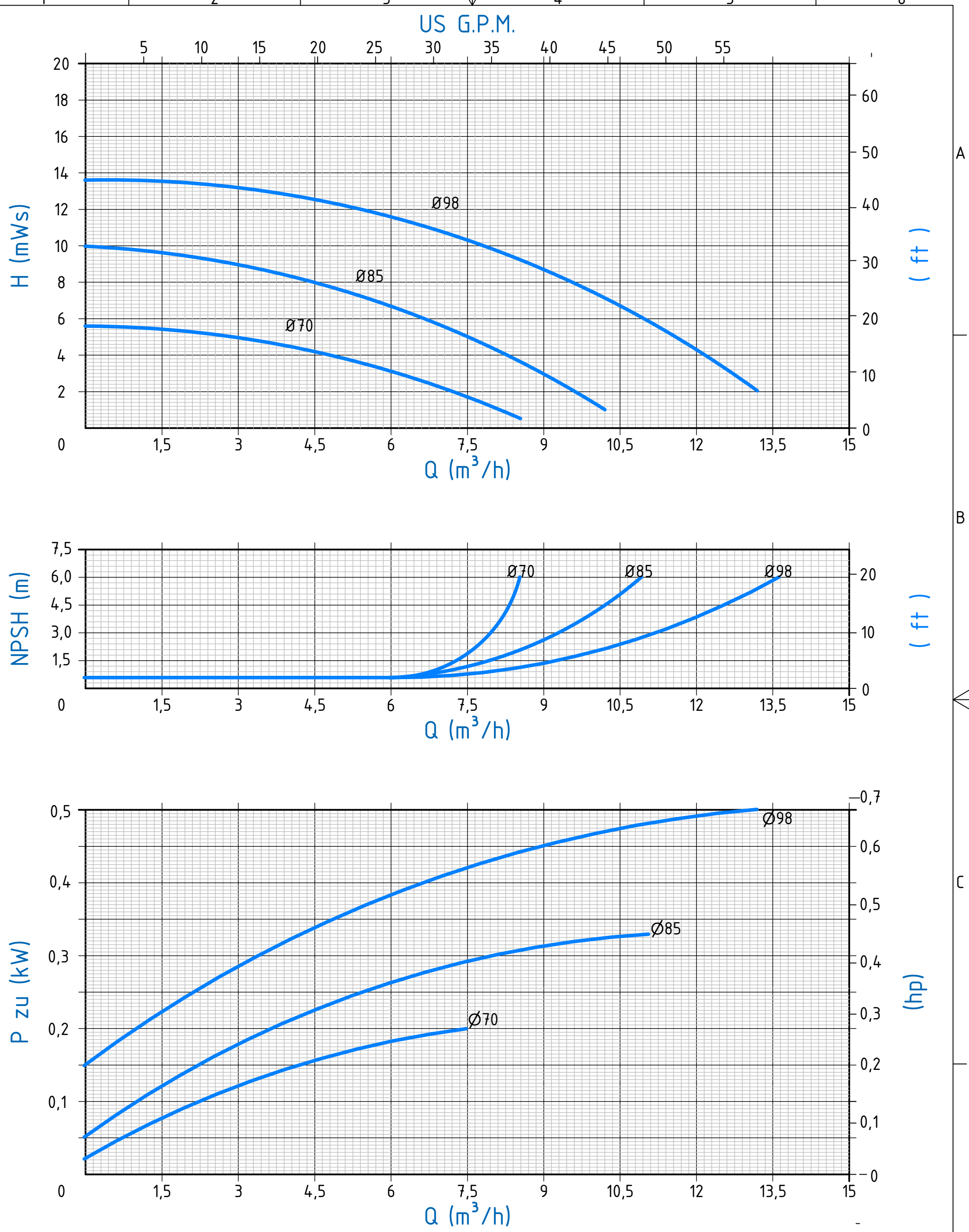
CONNECTIONS
Suction side: G1 1/2“ female, Flanged DN40
Discharge side: G1“ male, Flanged DN25

MATERIALS
Housing: PP, PVDF
O-Ring: EPDM, FKM, FFKM, FEP
Bushing: PTFE C25%
Shaft: Al2O3 >99%
Thrust bearing: Al2O3 >99%, PTFE C25%

DESIGN FEATURES
- Centrifugal Pump
- Closed Impeller, capsulated
- Leak-free
- Magnetic driven
- NdFeB permanent magnets
- Closed coupled
- Normal suction
- Wet parts non-metallic
- Maintenance free
- Only a few wear parts
- Pump execution acc. to Ex II3G c Tx

PRODUCT DESCRIPTION
MARCH Magnetic Driven Centrifugal Pumps are designed to work completely without mechanical shaft sealing. The motor power is transmitted by a frictional connection through strong drive magnets to the hydraulic part.
MARCH Magnetic Driven Centrifugal Pumps guarantee highest quality standards, economic efficiency and reliability in liquid transfer of aggressive, toxic and environmental threatening liquids.
The pumps are built with molded plastic housing parts and in a closed coupled block design as standard. The modular construction allows a quick exchange of the wetted parts within a few minutes and without special tools. The friction bearing lubrication and cooling is done by the pumped liquid. As the pumps work maintenance-free, an operation without liquid (dry running) has to be avoided. European IEC standard motors according to IEC / EN 600340 are assembled on all Series M / EUROLINE Pumps. Explosion proof models are available upon request. All Series M / EUROLINE pumps can be supplied with BSP/NPT threads ,flanges, hose connection or union fitting. The operative limits, especially min. and max. flow rates and the required net positive suction head (NPSH) are important for the trouble-free operation of the pump.





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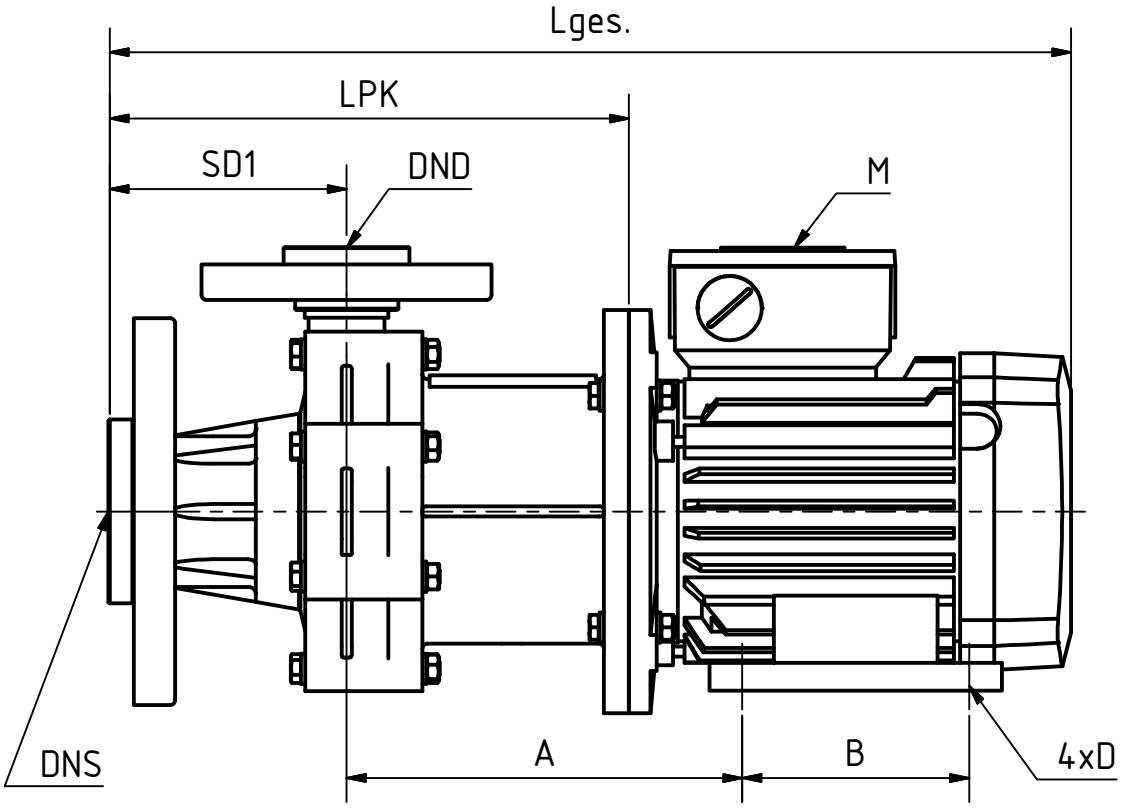
Pumpe/ *Pump*	Drehzahl/ *Speed*	Laufrad/ *Impeller*	Dichte / *S.G.*
M10.2H	2900 RPM	Ø98	max. 1,9 kg/dm³
		Ø85	
		Ø70	

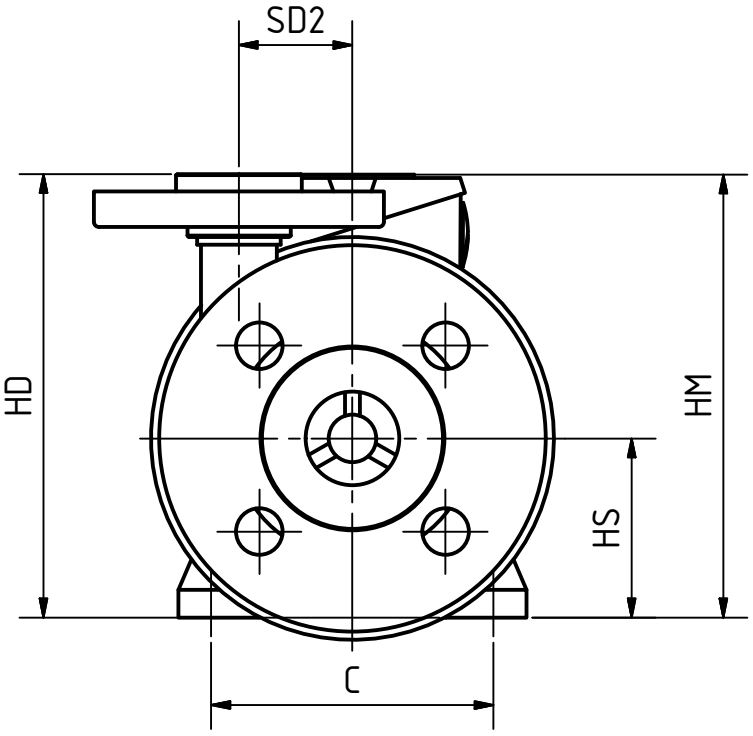
Baureihe / Series :
EUROLINE

Typ / Type:
M10.2H

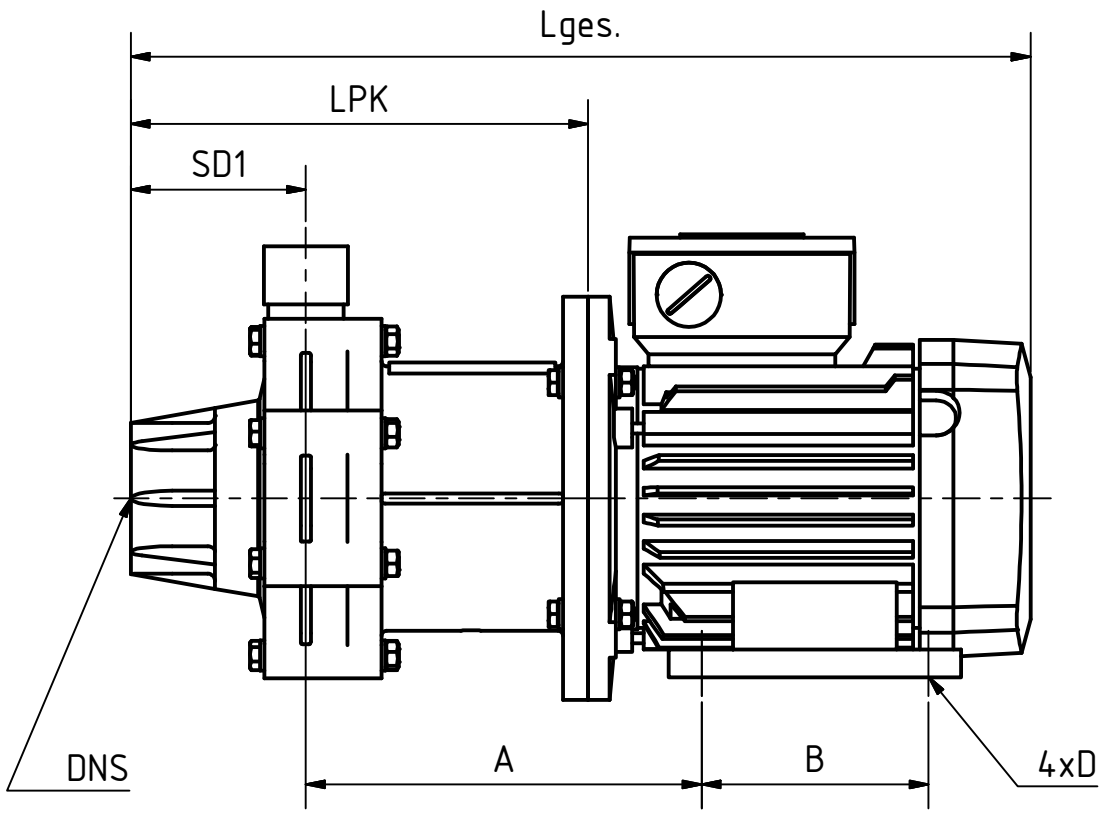
Motor:
0,55 kw / IEC BG71

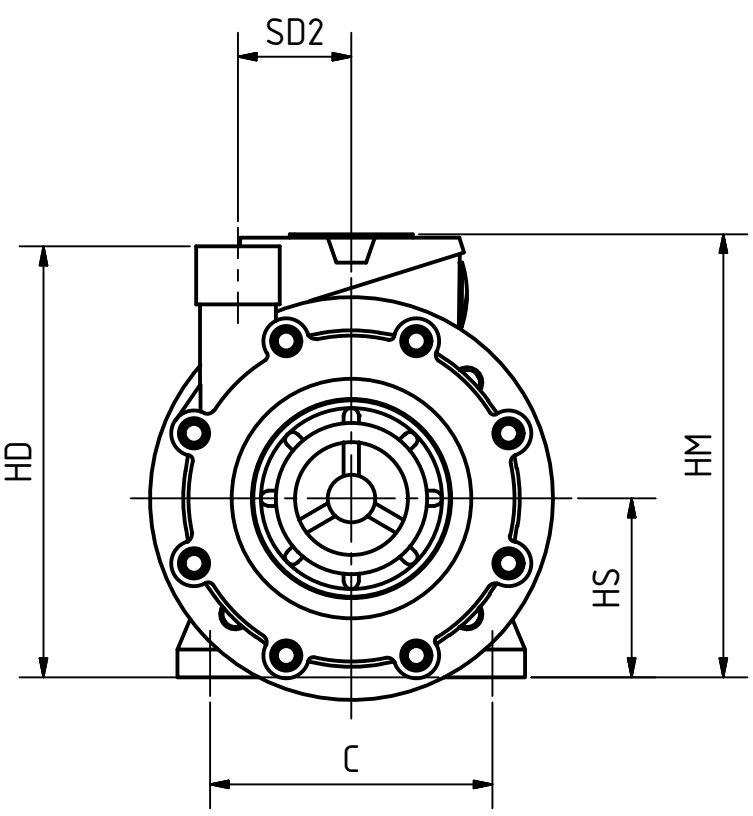
M10.2H PPF 400V





M10.2H PPR 400V





Pumpentyp	Abmessungen / Dimensions								
	M					DNS	DND	SD1	SD2
	Typ	U [V]	P [kW]	f [Hz]	n [min]	-	-	[mm]	[mm]
M10.2H PPF 400V	IEC BG 71 B35	400	0,55	50	2900	DN 40	DN 25	94	45
M10.2H PPR 400V						G 1 1/2"IG	G 1"AG	69,5	
M10.2H PPF 400V	IEC BG 80 B35		0,75			DN 40	DN 25	94	
M10.2H PPR 400V						G 1 1/2"IG	G 1"AG	69,5	

Pumpentyp	Lges	LPK	A	B	C	ØD	HS	HD	HM
	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
M10.2H PPF 400 V	381,5	206	157	90	112	8	71	176	175,8
M10.2H PPR 400 V	357	181,5						171	
M10.2H PPF 400 V	424	216	172	100	125	10	80	185	191,8
M10.2H PPR 400 V	400	191,5						180	

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	DATUM	Name
Gezeichnet	22.05.2017	MS
Kontrolliert	08.06.2017	PL
Norm		

Abmessungen
Dimensional Drawing
EUROLINE M10.2H

DPGE-0102

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A3

Status	Änderungen	DATUM	Name