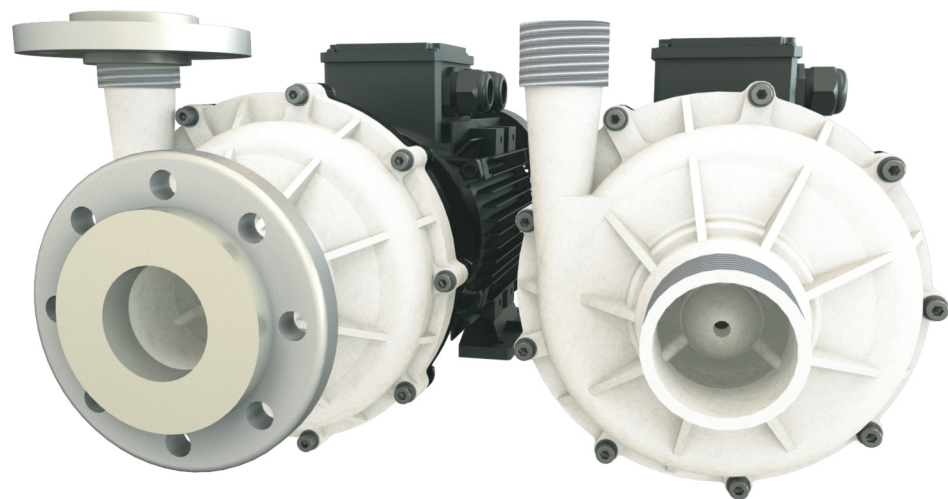


MAGNETIC DRIVEN CENTRIFUGAL PUMP

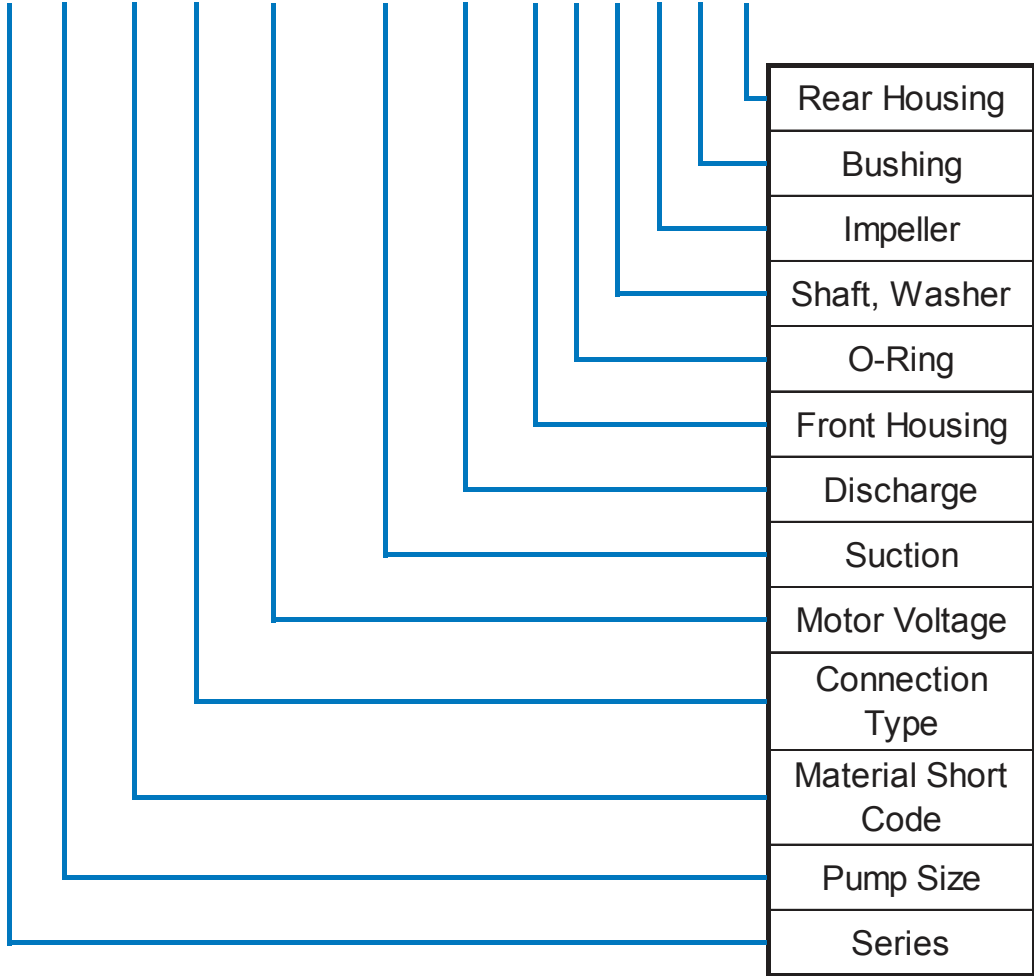
SERIES M

M10



MATERIAL CODE

M10PVR400V 3"-2" /KVKKCK



DESIGN CHARACTERISTICS

- Leakfree
- Magnetic Driven
- Normal Suction
- Block Design

CONNECTIONS

Suction

Threaded: 3" MPT
Flange: DN 80

Discharge

Threaded: 2" MPT
Flange: DN 50

MATERIAL

Housing: PVDF
O-Ring: FKM

TECHNICAL DATA

Flow Rate max.: 40,5 m³/h
Discharge Head max.: 35 mwc
System Pressure max.: 3,5 bar
Temperature max.: PVDF 90°C
Density max.: 2,0 kg/dm³
Viscosity max.: 100 cP

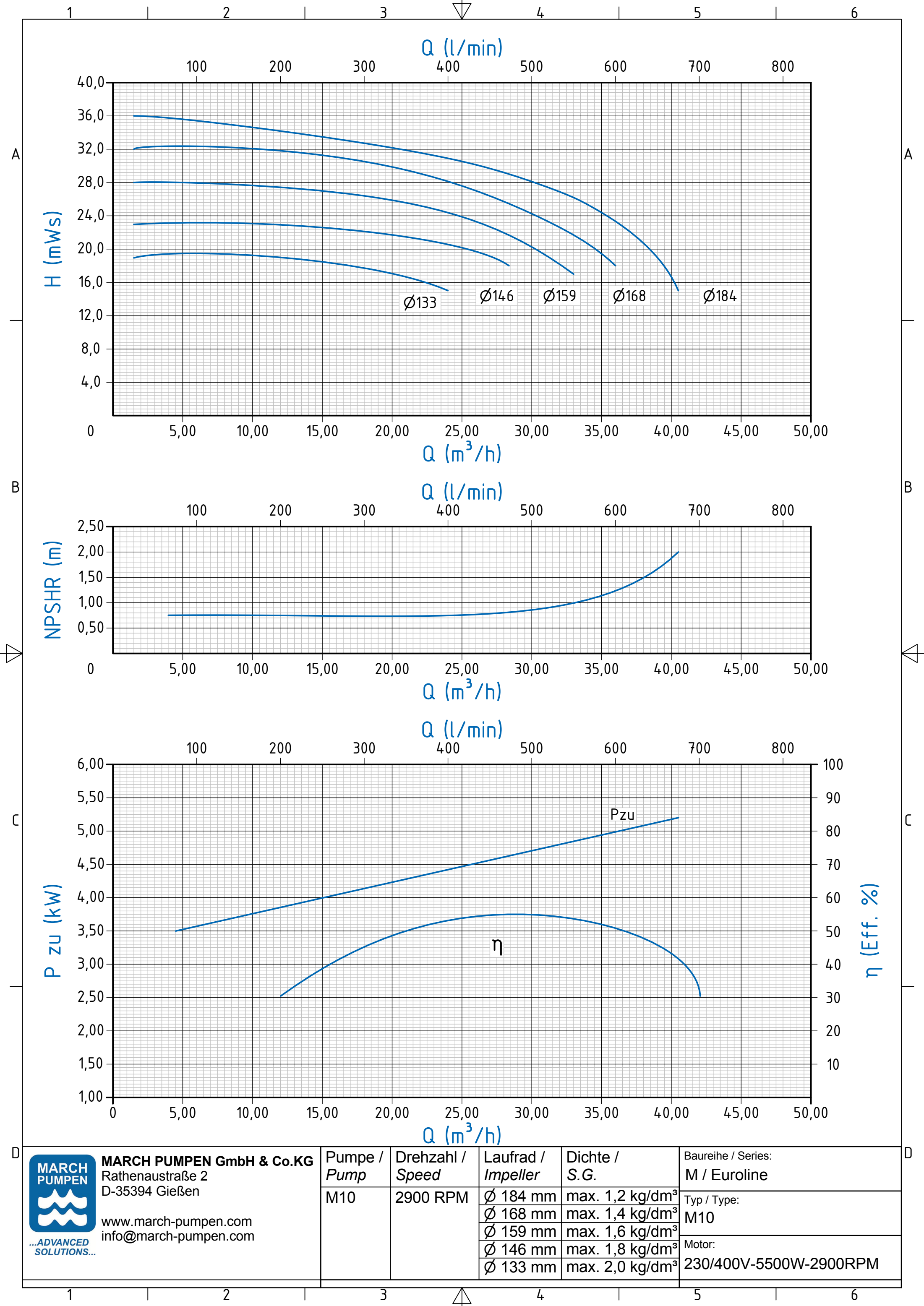
APPLICATIONS

- Chemical Industry
- Plant and Equipment Engineering
- Electroplating
- Filter Pumps
- Waste Water Treatment
- Acids, Bases and Solutions
- Hazardous Liquids

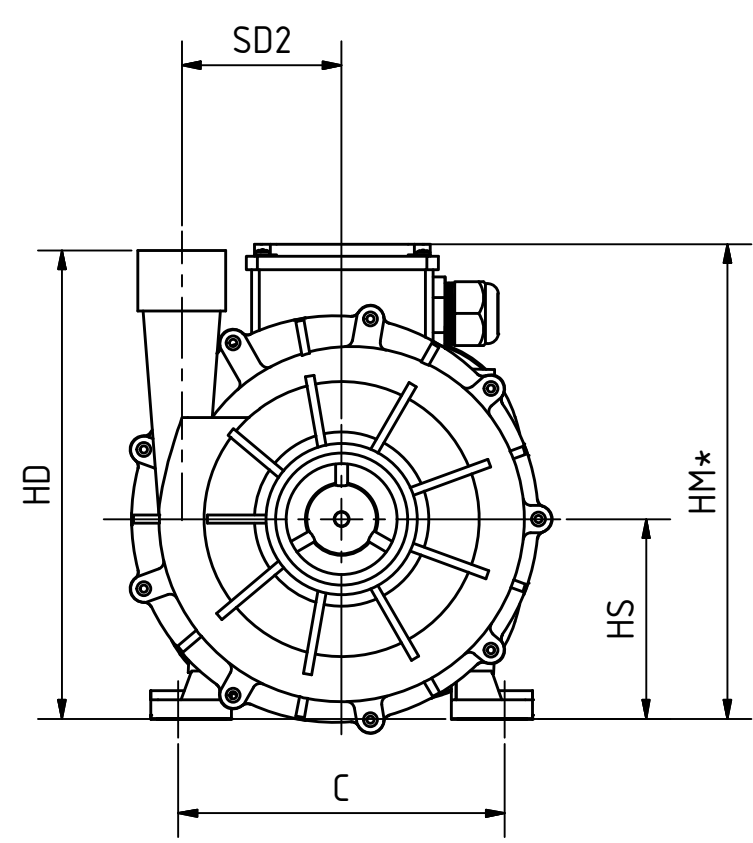
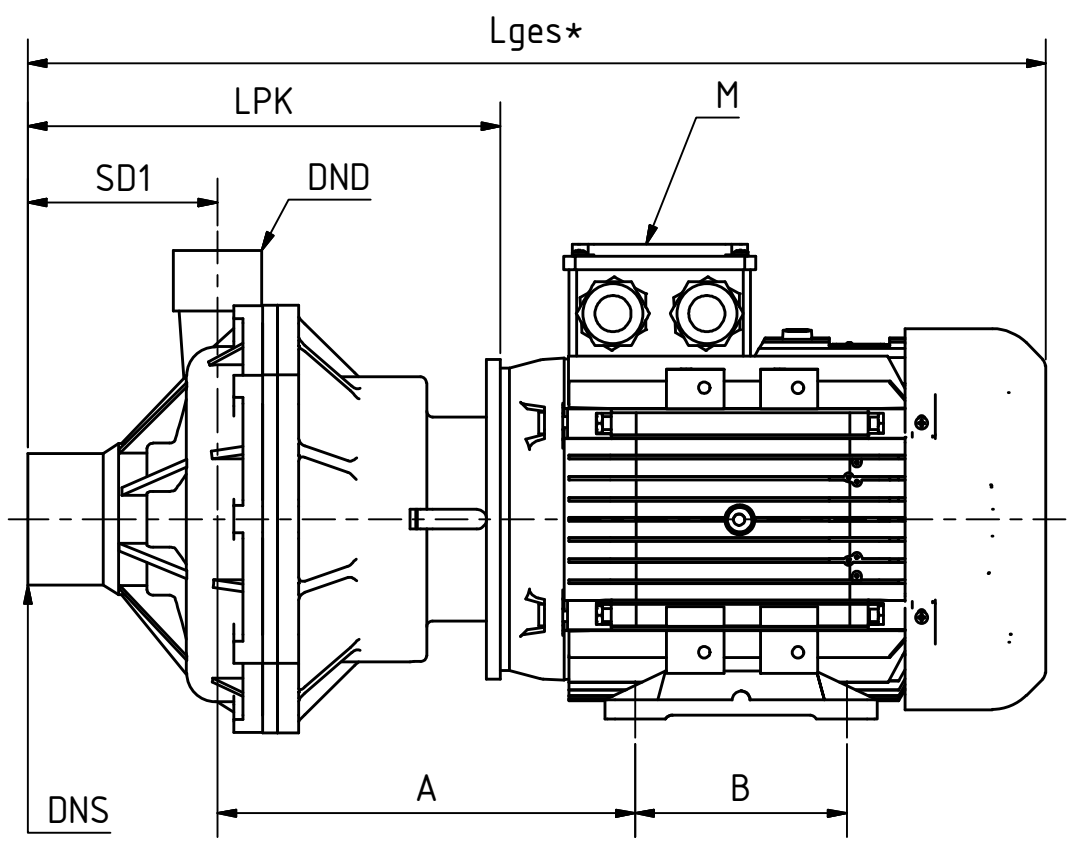
Material Short Code	Material
PV	PVDF

Connection Type Short Code	Connection Type
R	Threaded
F	Flange

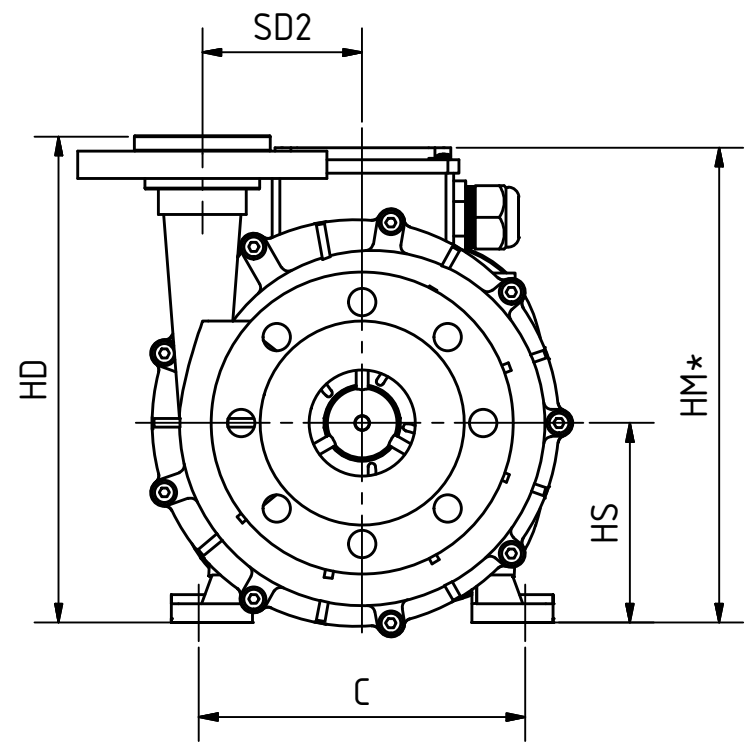
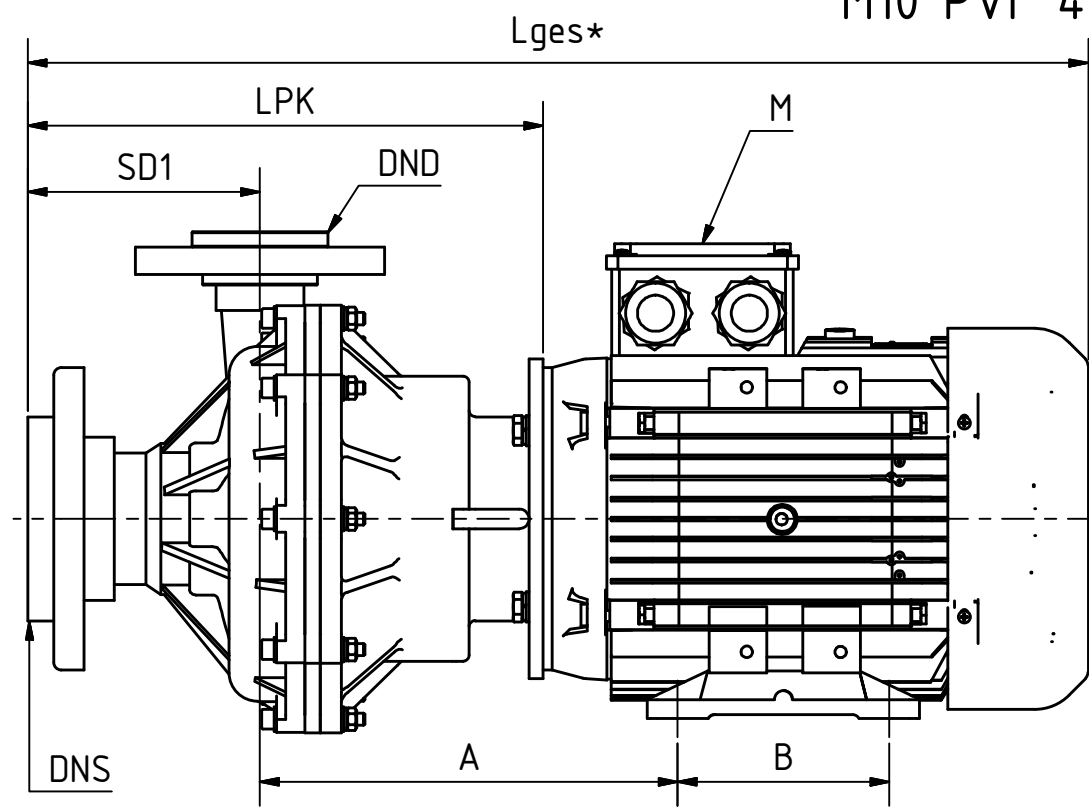
Material Code											
Front Housing		O-Ring		Shaft, Washer		Impeller		Bushing		Rear Housing	
K	PVDF	V	FKM	K	Ceramic	K	PVDF	C	Graphite	K	PVDF
								F	Fluorosint		



M10 PVR 400V



M10 PVF 400V



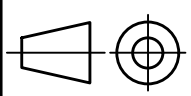
Maßtabelle									
Pumpentyp	M					DNS	DND	SD1	SD2
-	Typ	U [V]	P [kW]	f [Hz]	n [min ⁻¹]	-	-	[mm]	[mm]
M10 PVR 400V	IEC BG132 B35	400	5,5	50	2900	3" MPT	2" MPT	125,50	105,70
M10 PVF 400V						DN 80	DN 50	153,50	
Pumpentyp	Lges *	LPK	A	B	C	ØD	HS	HD	HM *
-	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
M8 PVR 400V	673,20	312,70	276,20	140,00	216,00	12,00	132,00	309,80	314,00
M8 PVF 400V	701,20	340,70						321,30	

*Maß weicht bei anderen Motorfabrikaten ab

Alle Angaben unverbindlich, technische Änderungen vorbehalten! Technical data not binding and subject to change!
Copyright MARCH PUMPEN GmbH 2014

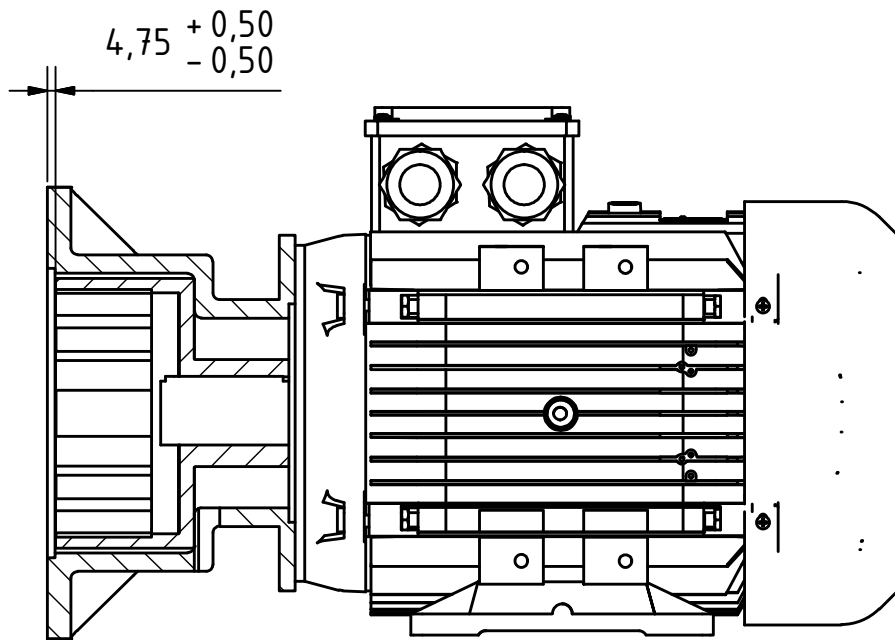
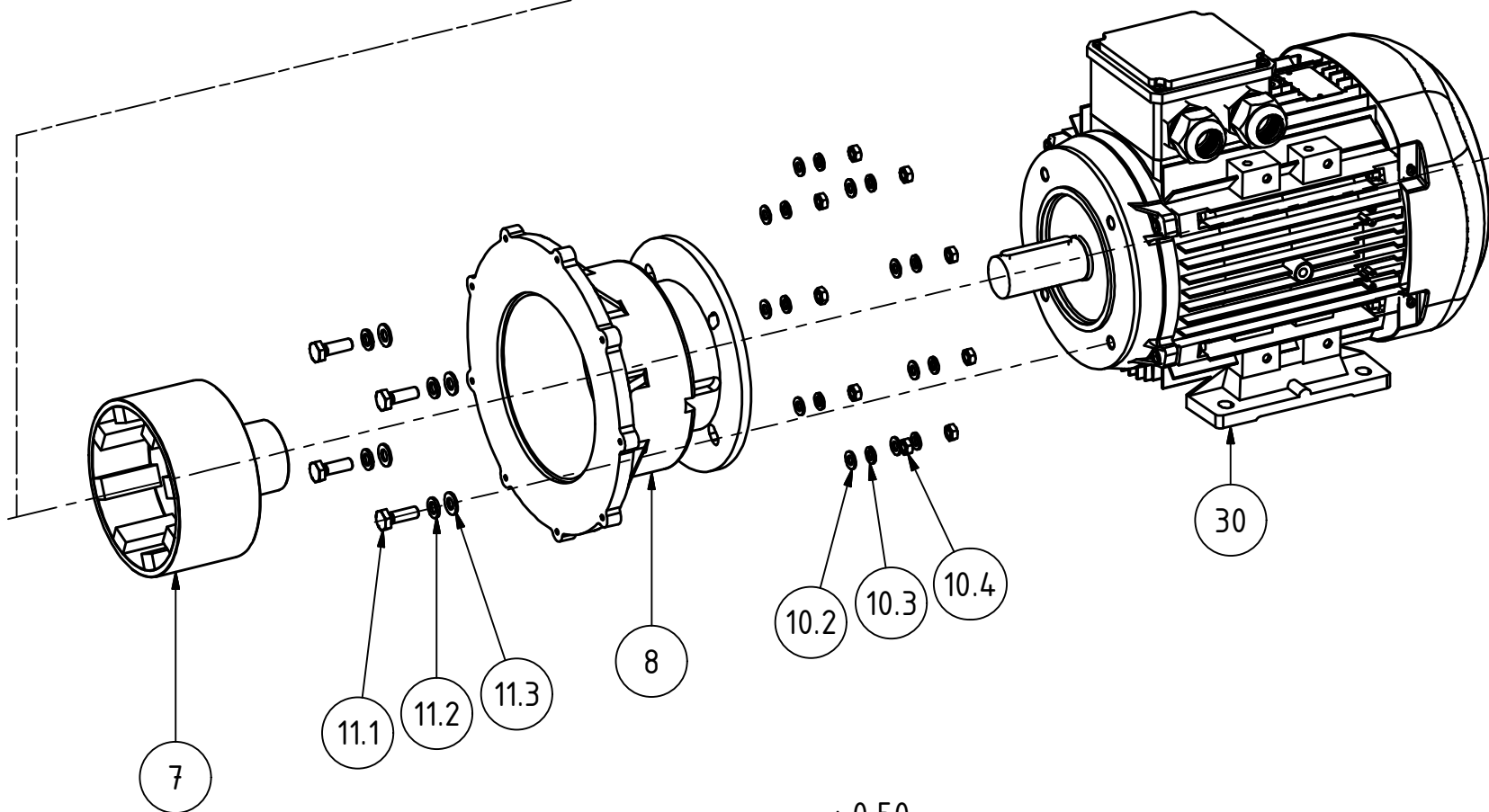
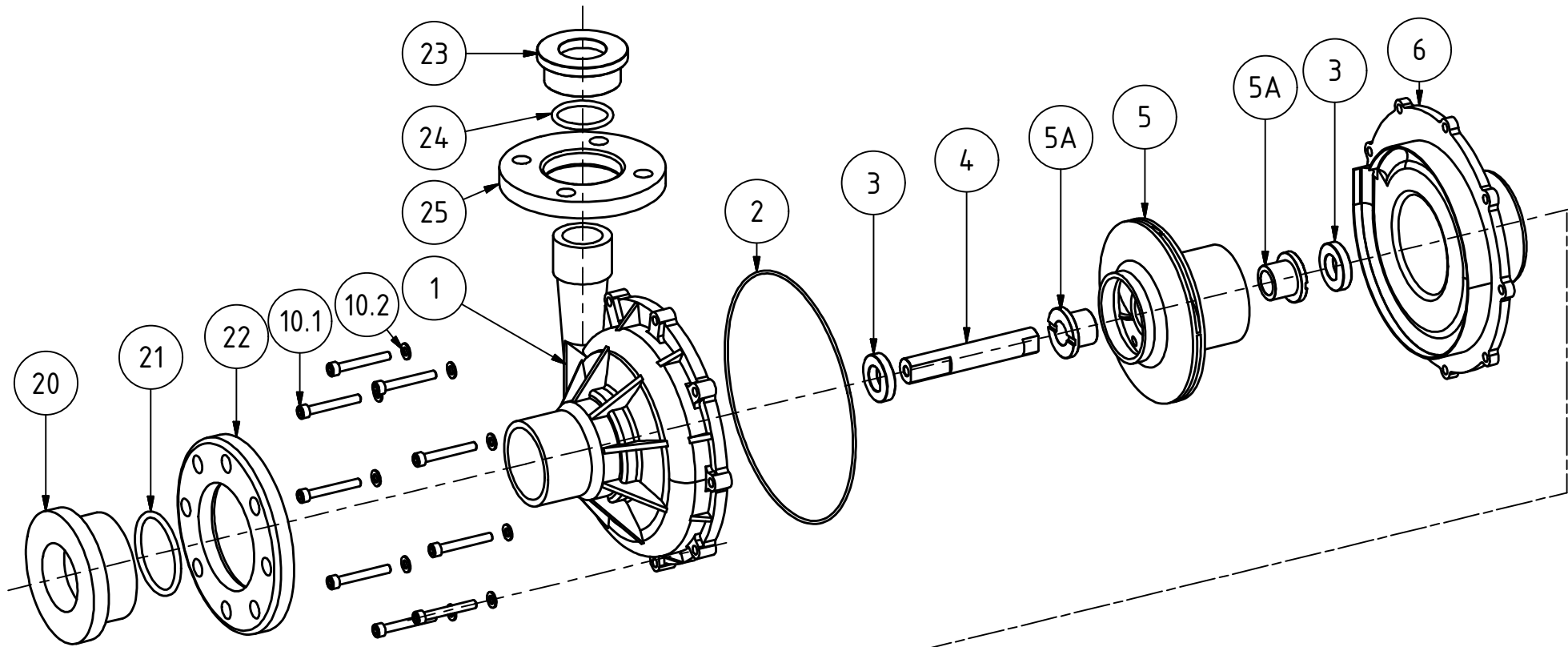


MARCH PUMPEN GmbH & Co.KG
Rathenaustraße 2
D-35394 Gießen
info@march-pumpen.com
www.march-pumpen.com

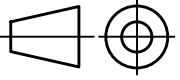


	Datum	Name
Gezeichnet	13.10.2015	P.Stachon
Kontrolliert		
Norm		

Produktzeichnung	
Dimensional Drawing	
Baureihe / Series M10	
PRODUKTZCHG_M10	
1	A3



Alle Angaben unverbindlich, technische Änderungen vorbehalten! Technical data not binding and subject to change!
Copyright MARCH PUMPEN GmbH 2014

 MARCH PUMPEN GmbH & Co.KG Rathenaustraße 2 D-35394 Gießen info@march-pumpen.com www.march-pumpen.com							
				Datum	Name	Explosionsdarstellung <i>Explosion View</i> Baureihe / Series M10	
				Gezeichnet	06.10.2015 P.Stachon		
				Kontrolliert			
				Norm		EXPLOSION_M10	
Status	Änderungen	Datum	Name			1 A3	

STÜCKLISTE / PARTS LIST

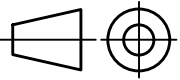
SERIE / SERIES M10

POS	STÜCK	BESCHREIBUNG	MATERIAL	ARTIKELNR.
1	1	Vordergehäuse 3" MPT x 2" MPT	PVDF (20% Graphit)	MS0161-0008-1000
2	1	O-Ring	FKM	MS0161-0043-1000
3	1	Axialscheibe, front-/rückseitig	Keramik	MS0161-0001-1000
4	1	Welle (Standard)	Keramik	MS0161-0002-1000
5	1	Flügelrad in Ø= 184 mm; Ø= 168 mm; Ø= 159 mm; Ø= 146 mm; Ø= 133 mm		
		Flügelrad - Graphitgleitlager	PVDF	MS0161-0005-0400
		Flügelrad - PTFE(Fluorosint)-Gleitlager	PVDF	MS0161-0005-0600
5A	0/2	Gleitlager	Graphit	MS0161-0011-1000
			PTFE (Fluorosint)	MS0161-0032-1000
6	1	Spalttopf	PVDF (20% Graphit)	MS0161-0009-1000
7	1	Antriebsmagnet (38 mm gebohrt)	PP/FE	MS0161-0031-0200
8	1	Motoradapter Serie 10	GJS	MS0161-0048-0000

OPTIONALE PUMPENANSCHLÜSSE, SCHRAUBEN UND SONSTIGE NORMTEILE

POS	STÜCK	BESCHREIBUNG	MATERIAL	ARTIKELNR.
10.1	9	Gehäuseschraube	A2	DT-DIN912-M8x60-A2
10.2	18	Unterlegscheibe	A2	DT-DIN125A-8,4-A2
10.3	9	Federring	A2	DT-DIN127A-M8-A2
10.4	9	Gehäusemutter	A2	DT-DIN934-M8-A2
11.1	4	Motorbefestigungsschraube	A2	DT-DIN933-M10x30-A2
11.2	4	Unterlegscheibe	A2	DT-DIN125A-10,5-A2
11.3	4	Federring	A2	DT-DIN127A-M10-A2
20	1	Bundbuchse DN 80 - G 3" I	PVDF	DT-BB-DN80-IG-PVDF
21	1	O-Ring, 73 x 6 mm	FKM	DT-OR-73x6-FKM
22	1	Losflansch DN 80	PVC	DT-LF-DN80-PVC
23	1	Bundbuchse DN 50 - G 2" I	PVDF	DT-BB-DN50-IG-PVDF
24	1	O-Ring, 50 x 5 mm	FKM	DT-OR-50x5-FKM
25	1	Losflansch DN 50	PVC	DT-LF-DN50-PVC
30	1	Elektromotor-400V-5500Watt-BG132-2-pol.-B34/200	400V - 5500W	MOT-ES-400-5500-132-2-34k-0K-IE2

Alle Angaben unverbindlich, technische Änderungen vorbehalten! Technical data not binding and subject to change!
Copyright MARCH PUMPEN GmbH 2014

		MARCH PUMPEN GmbH & Co.KG Rathenaustraße 2 D-35394 Gießen info@march-pumpen.com www.march-pumpen.com						
				Datum	Name	Stückliste <i>Parts List</i> Baureihe / <i>Series</i> M10		
				Gezeichnet	04.09.2015			P.Stachon
				Kontrolliert				
				Norm				
						STÜCKLISTE_M10		
						1		
						A3		
Status	Änderungen	Datum	Name					