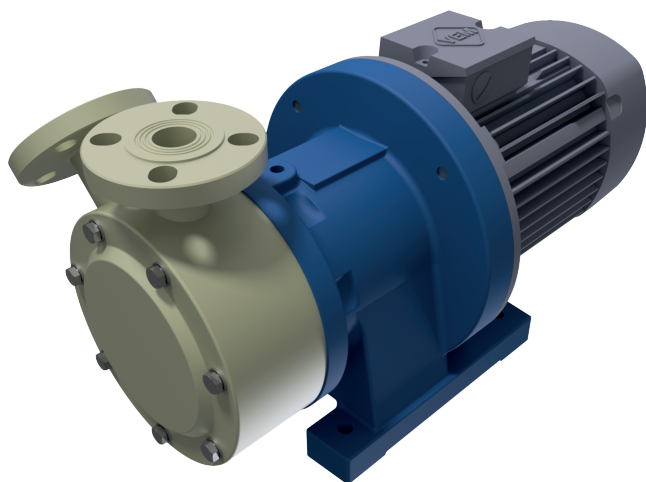


MAGNETGEKUPPELTE PERIPHERALRADPUMPEN

Baureihe MT

MT 2002/3, 3002/3, 5002/3, 7002/3, 9000, 12000, 16000



TECHNICAL DATA

Nominal speed:	2900 1/min
Flow rate / Discharge head, max.:	
MT 2002:	1,6 m ³ /h / 10 mWs
MT 2003:	2,8 m ³ /h / 20 mWs
MT 3002:	2,8 m ³ /h / 22 mWs
MT 3003:	3,0 m ³ /h / 23 mWs
MT 5002:	4,2 m ³ /h / 30 mWs
MT 5003:	4,8 m ³ /h / 30 mWs
MT 7002:	6,8 m ³ /h / 32 mWs
MT 7003:	7,0 m ³ /h / 35 mWs
MT 9000:	8,5 m ³ /h / 37 mWs
MT 12000:	9,5 m ³ /h / 47 mWs
MT 16000:	13,0 m ³ /h / 52 mWs
System pressure:	PN 6/10/16 bar
Temperatures:	PP max. 80°C, PVDF max. 90°C
Density max.:	1,8 kg/dm ³
Viscosity max.:	200 cP

CONNECTIONS

	Pipe thread (f) / Flange
MT 2002/3:	G 1/2" / DN15
MT 3002/3:	G 3/4" / DN20
MT 5002/3:	G 1" / DN25
MT 7002/3:	G 1" / DN25
MT 9000:	G 1" / DN25
MT 12000:	G 1 1/4" / DN32
MT 16000:	G 1 1/4" / DN32

MATERIALS

Housing: PP, PVDF
O-Ring: EPDM, FKM, FFKM
Plain bearing: Carbon graphite, PTFEC
Thrust bearing: Carbon graphite, PTFEC

APPLICATIONS

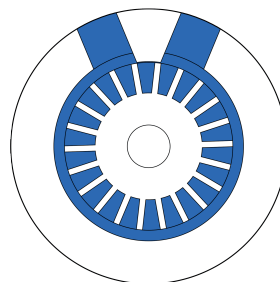
- Neutralizations plants
- Wastewater treatment
- Chemical dosing
- Chemical technology
- Pharmaceutical- and Biotechnologies
- Pressure boosting
- Reverse osmosis

FEATURES

- Regenerative turbine pump
- Non-metallic, chemical resistant
- Turbine wheel
- Leak-free
- Magnetically coupled
- Up to 20 Vol % entrained gas transfer
- Self priming (wet)
- NdFeB / CoSm permanent magnets
- Modular concept
- Maintenance-free
- Only a few wearing parts
- Pump version also for ATEX 2014/34/EU

PRODUCT DESCRIPTION

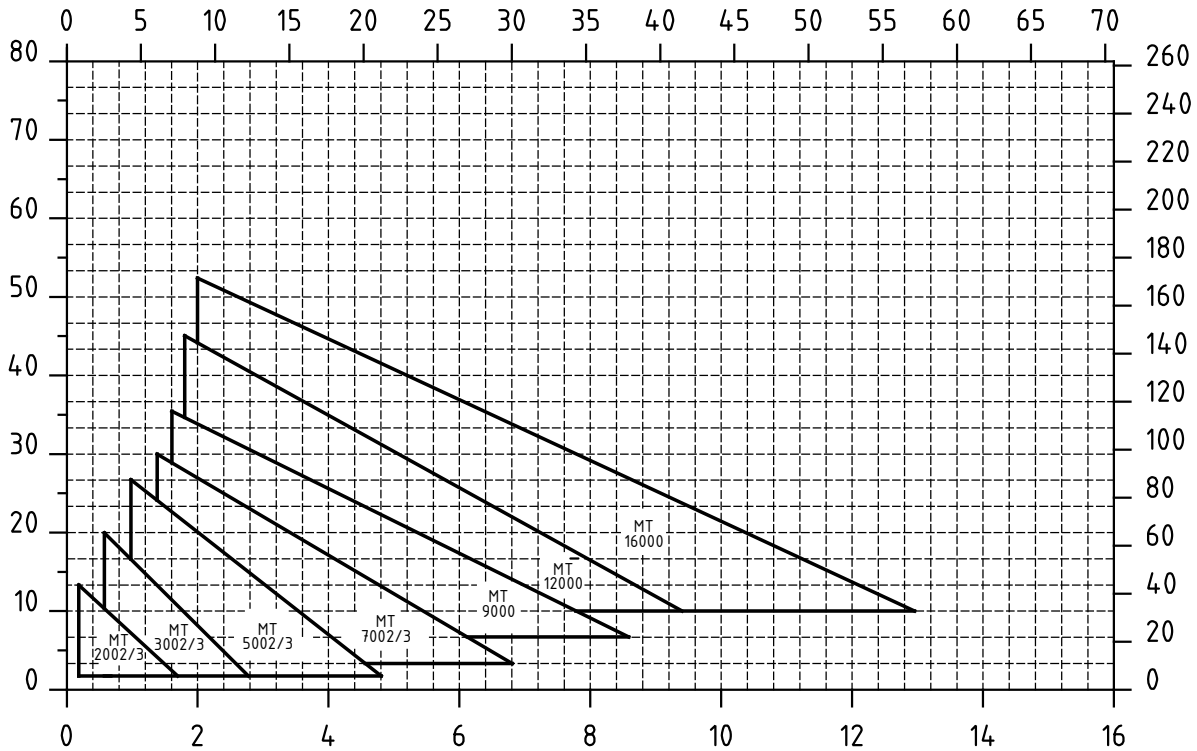
MARCH magnetically coupled peripheral pumps are available with different materials. The MTA series is made of stainless steel and the MT series is a non-metallic version. A large number of vanes produce comparably high pressure transport of small quantities. The MT/MTA series are finished with side channels allowing a transport of gas content in the pumped liquid up to 20 Vol % without causing dry running damage. Magnetically driven pumps operate completely without mechanical shaft sealing. Power is transmitted to the hydraulic part by strong permanent magnets in a contactless and force-locking manner.



MARCH magnetically coupled regenerative turbine pumps are suitable for leak proof pumping of aggressive, environmentally hazardous and toxic mediums especially when small flow rates have to be pumped at high geodetic heads. The magnetic coupling ensures absolute hermetic tightness of the pump. The pumps are manufactured in a compact modular concept as standard. The modular building system allows quick replacement of individual parts without the need for special tools. European IEC standard motors according to DIN/EN 60034 and VDE 0530 are exclusively adapted as drives. All pumps of the MT/MTA series are available with pipe threads or flange connections. For a pump operation without malfunctions the application limits but especially the minimum flow rate and the required inlet head (NPSH, erf.) must be observed.

Q (usgpm)

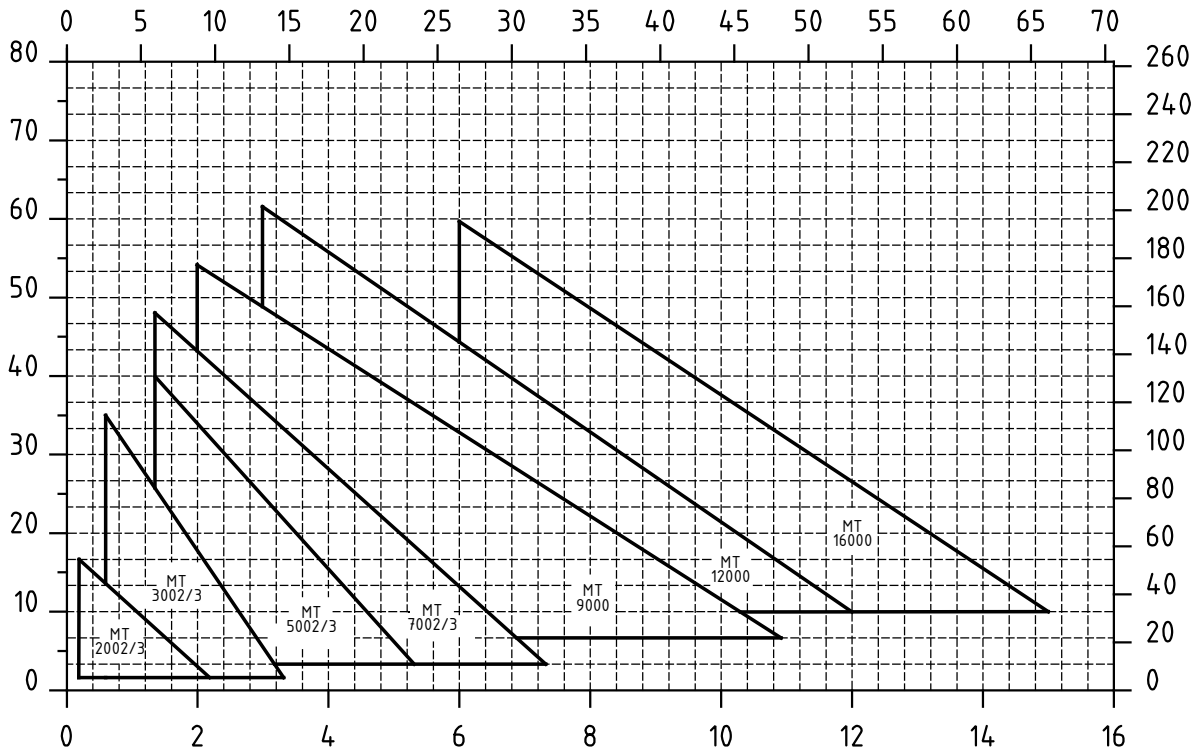
Series MT - 2900 RPM (50 Hz)




Q (m³/h)

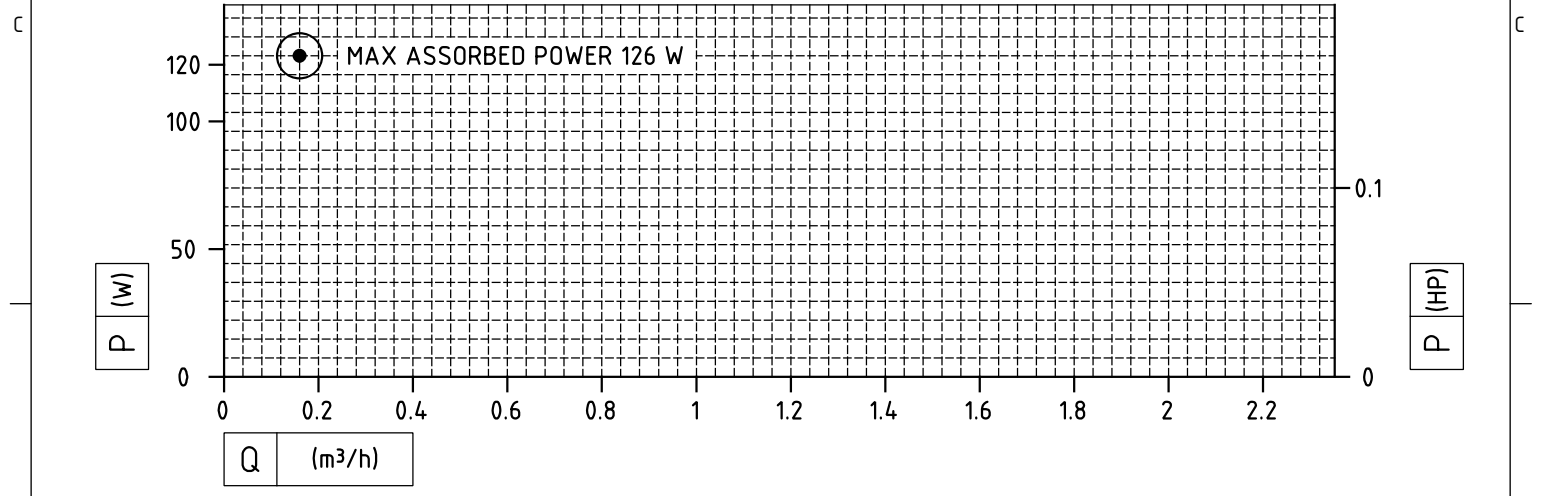
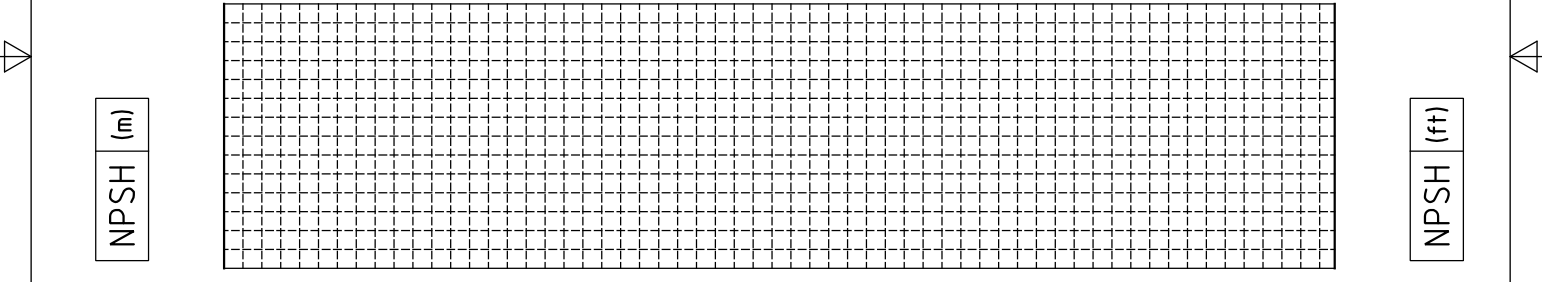
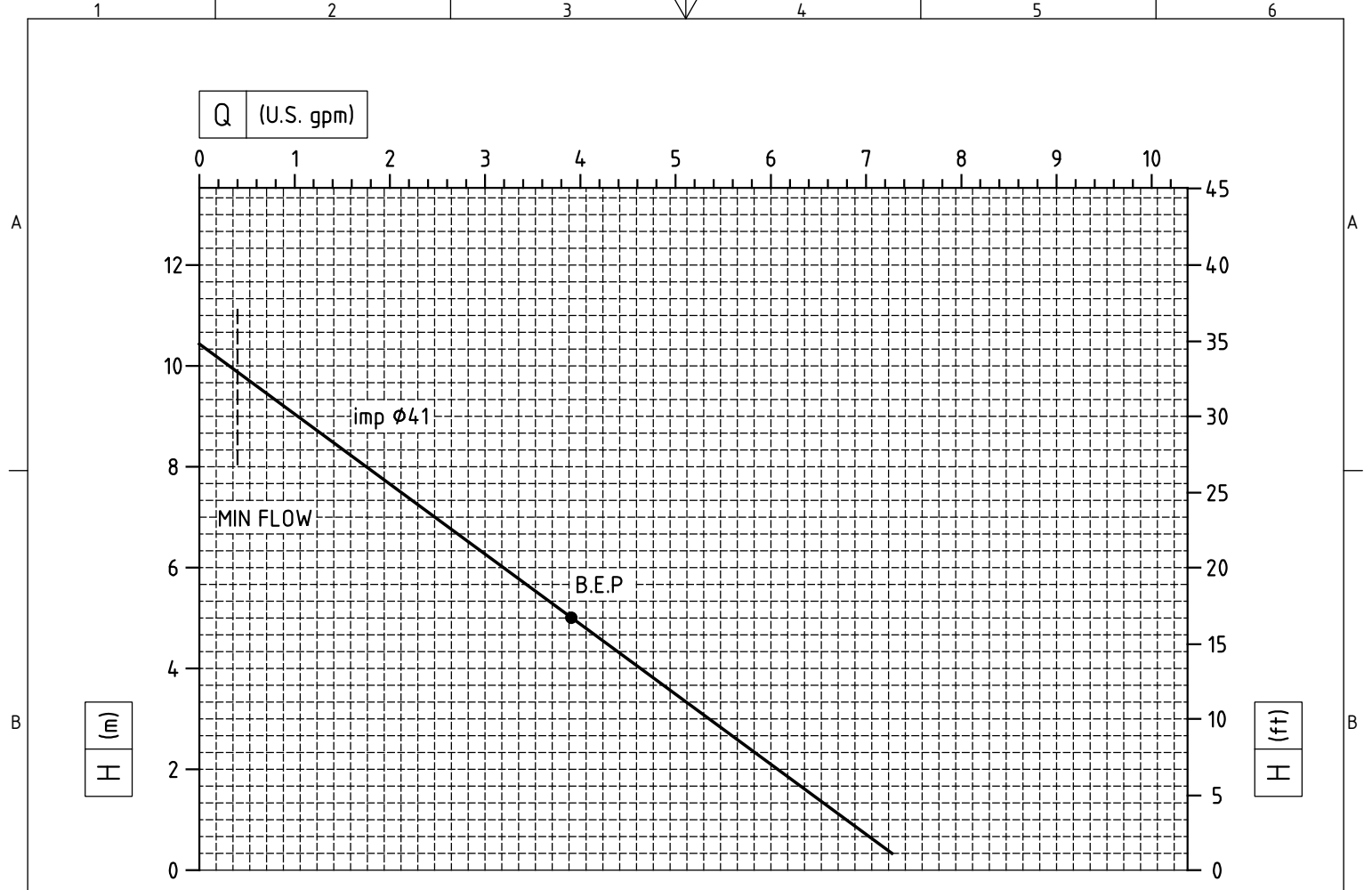
Q (usgpm)


Series MT - 3500 RPM (60 Hz)

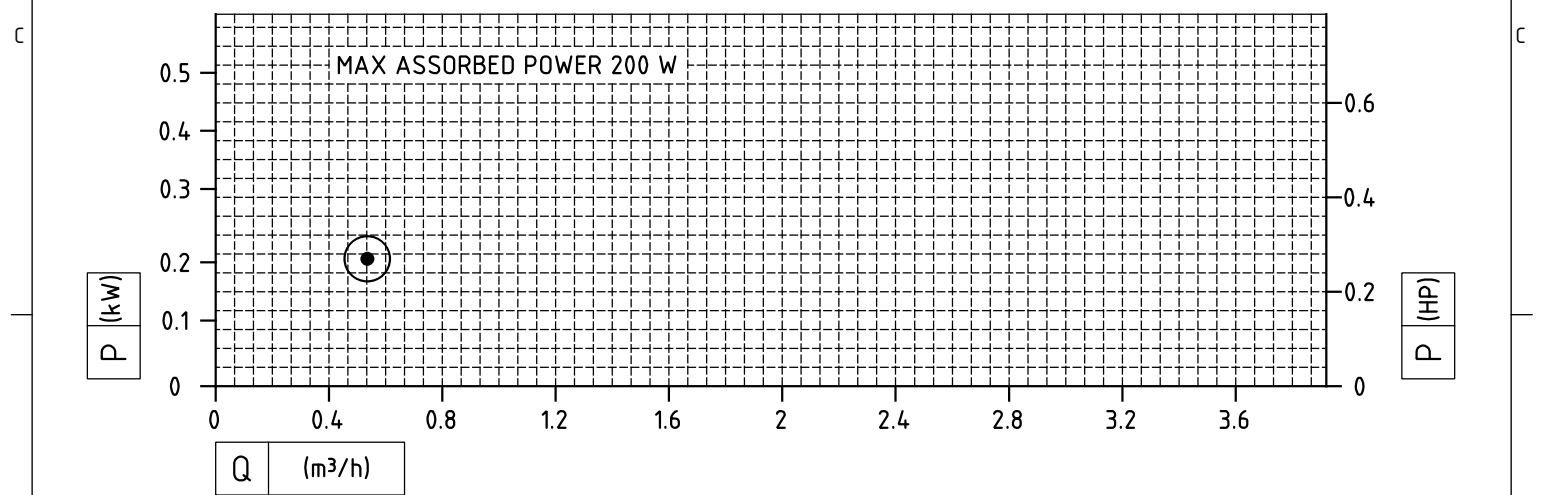
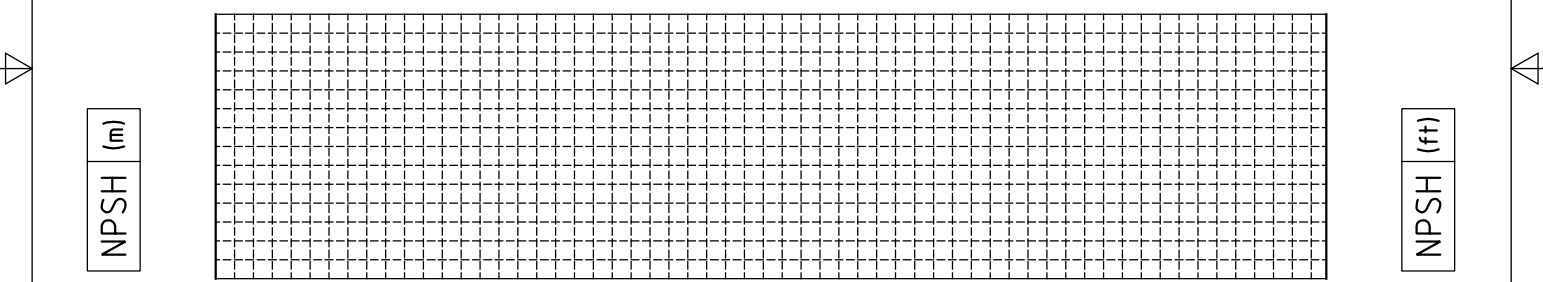
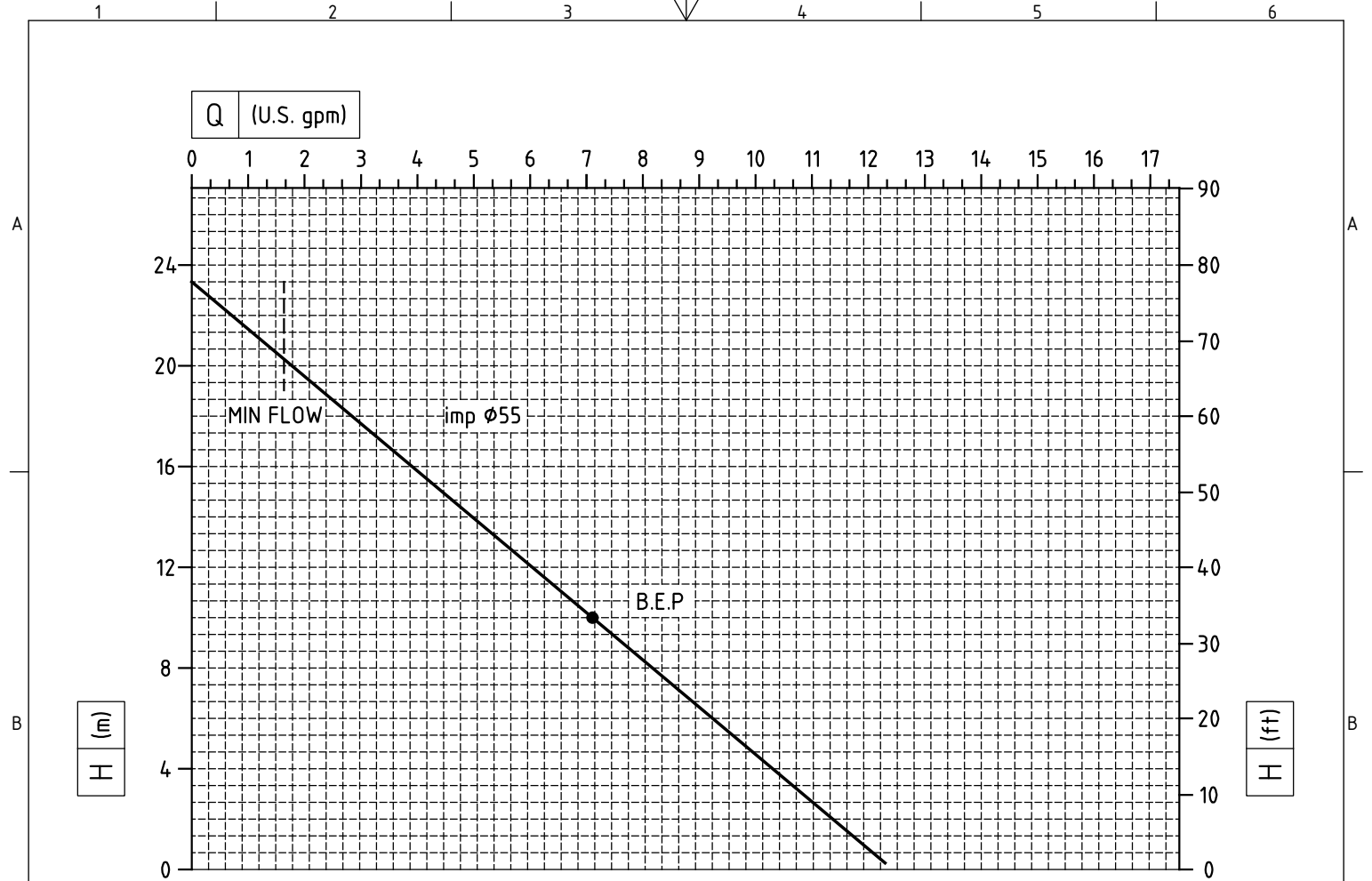



Q (m³/h)

 <p>MARCH PUMPEN GmbH & Co.KG Rathenaustraße 2 D-35394 Gießen www.march-pumpen.com info@march-pumpen.com</p>	Baureihe / Series:	MT
	Typ / Type:	MT Family Curves
	Motor Speed:	2900 / 3500 1/min



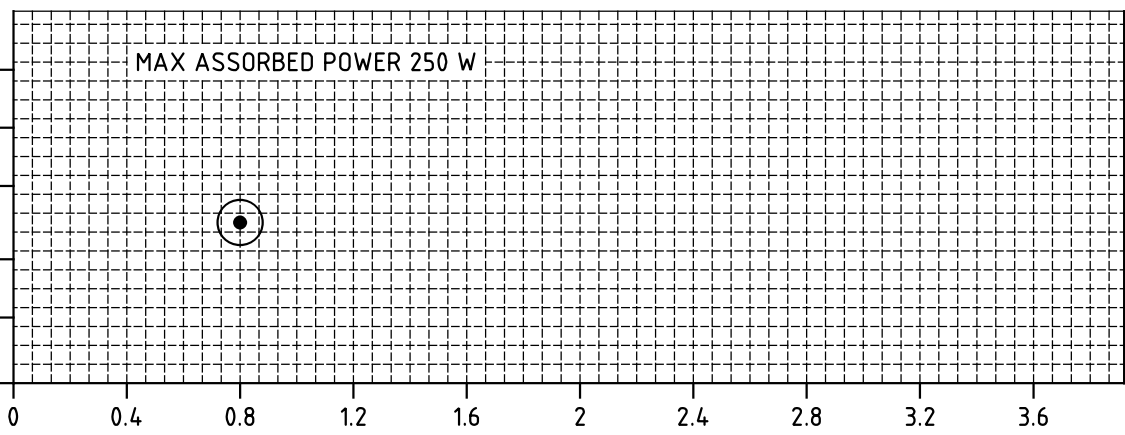
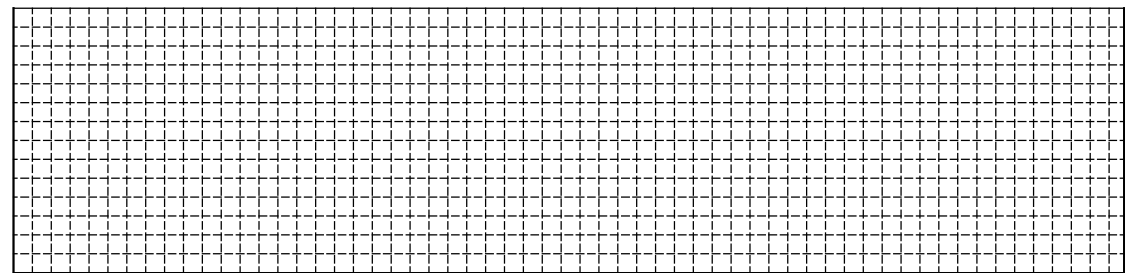
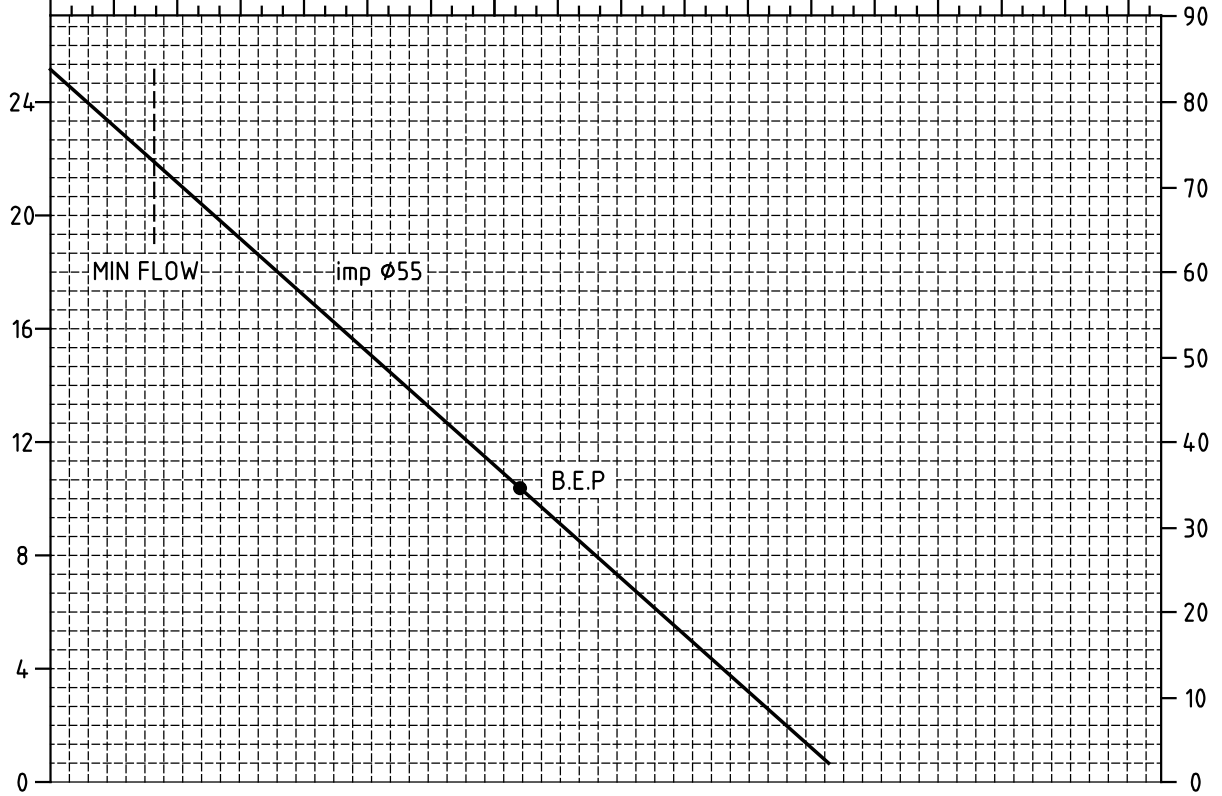
 <p>MARCH PUMPEN GmbH & Co.KG Rathenastraße 2 D-35394 Gießen www.march-pumpen.com info@march-pumpen.com</p>	Baureihe / Series:	MT
	Typ / Type:	MT 2002
	Motor Speed:	2900 1/min



 <p>MARCH PUMPEN GmbH & Co.KG Rathenastraße 2 D-35394 Gießen www.march-pumpen.com info@march-pumpen.com</p>	Baureihe / Series:	MT
	Typ / Type:	MT 2003
	Motor Speed:	2900 1/min

Q (U.S. gpm)

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17

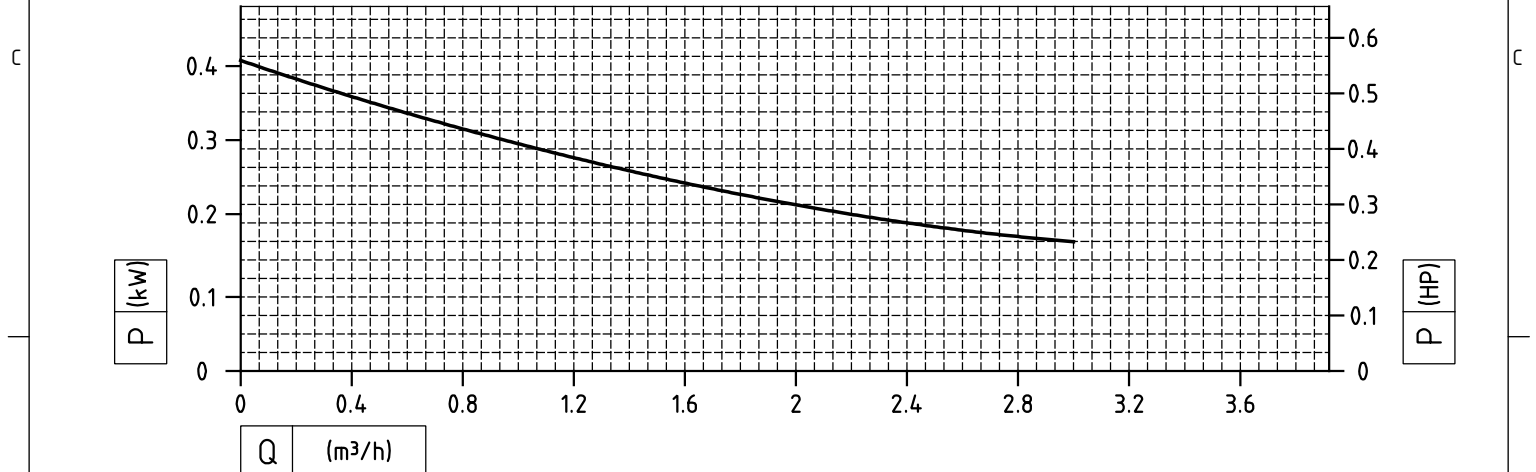
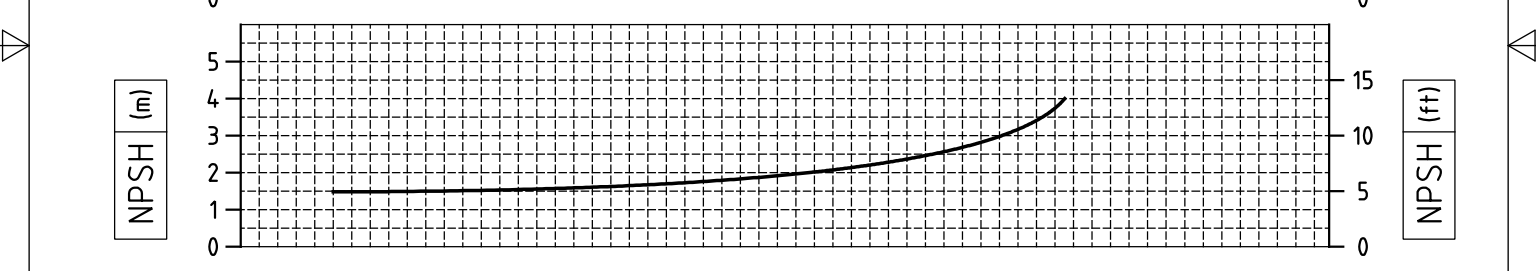
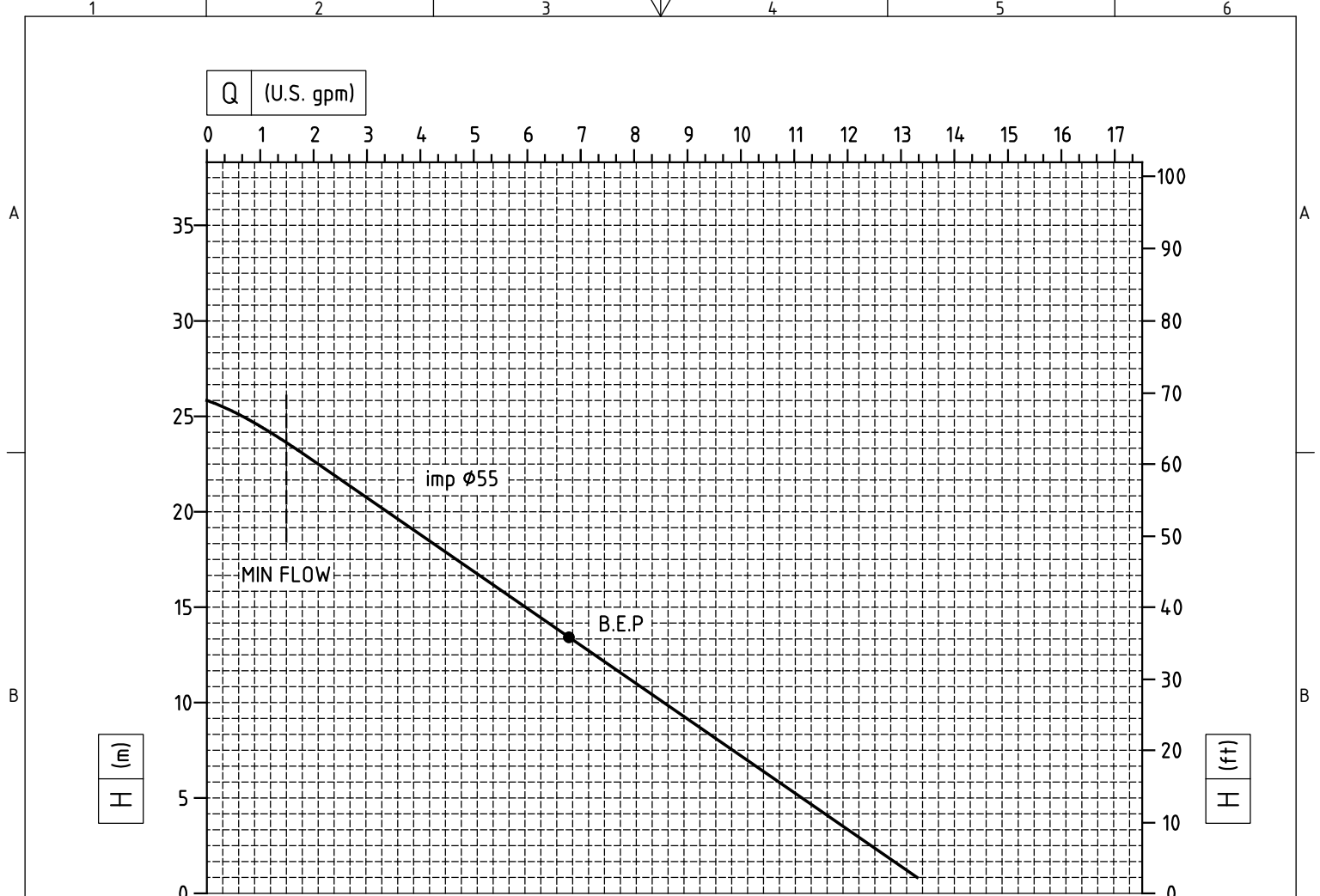


Q (m³/h)




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Baureihe / Series:	MT
Typ / Type:	MT 3002
Motor Speed:	2900 1/min

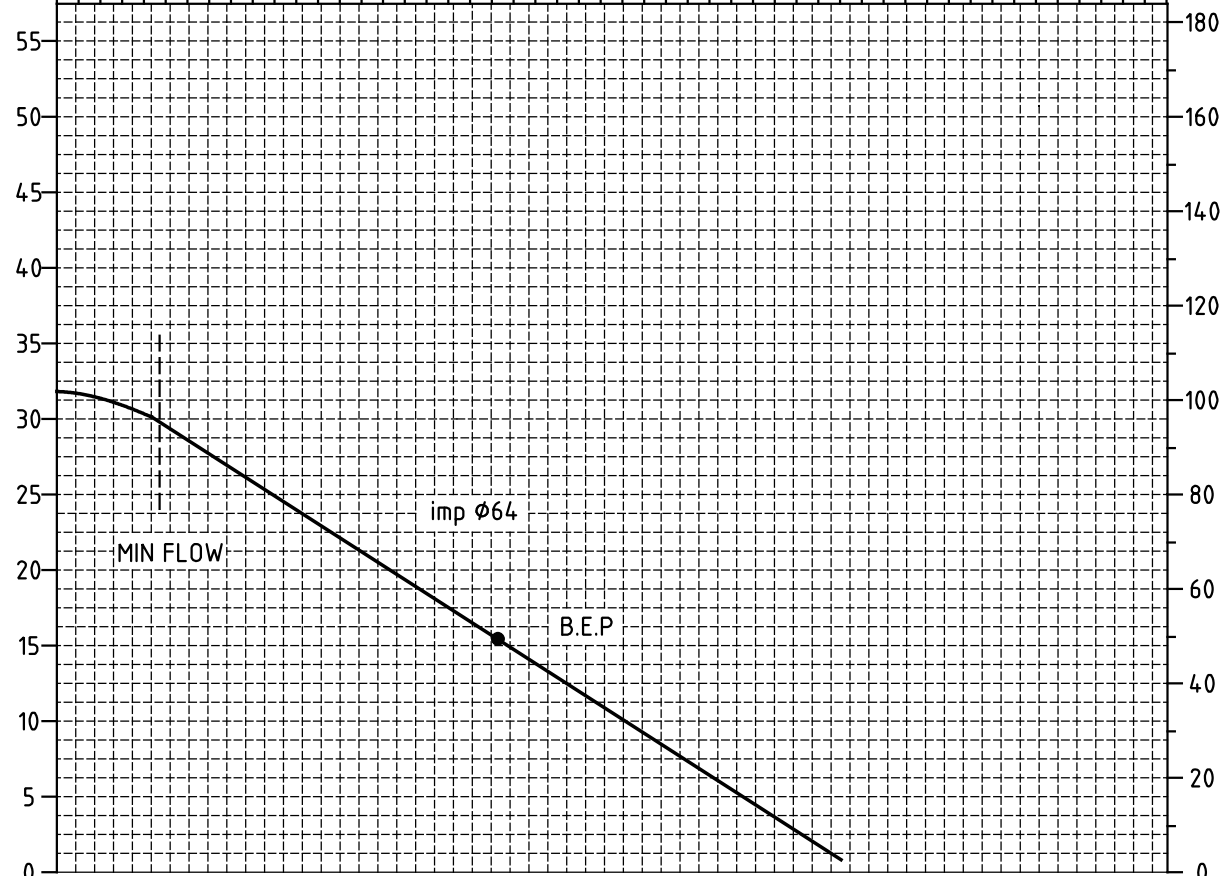


Motor power depends on specific gravity of pumped liquid.

 <p>MARCH PUMPEN GmbH & Co.KG Rathenaustraße 2 D-35394 Gießen www.march-pumpen.com info@march-pumpen.com</p>	Baureihe / Series:	MT
	Typ / Type:	MT 3003
	Motor:	2900 1/min

Q (U.S. gpm)

0 2 4 6 8 10 12 14 16 18 20 22 24

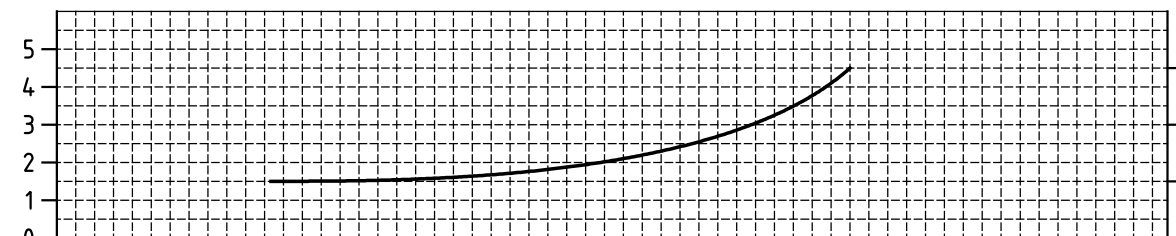


H (m)

H (ft)

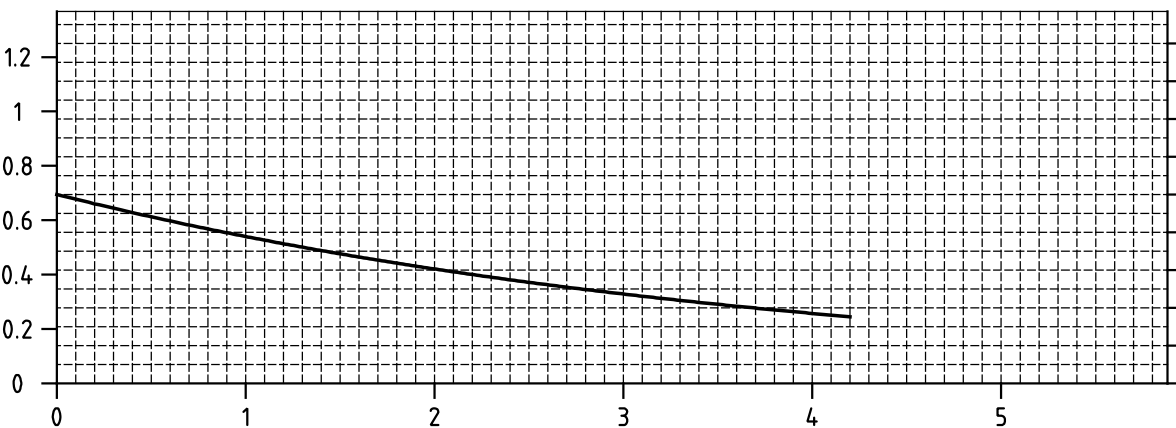
NPSH (m)

NPSH (ft)



P (kW)

P (HP)



Q (m³/h)

0 1 2 3 4 5

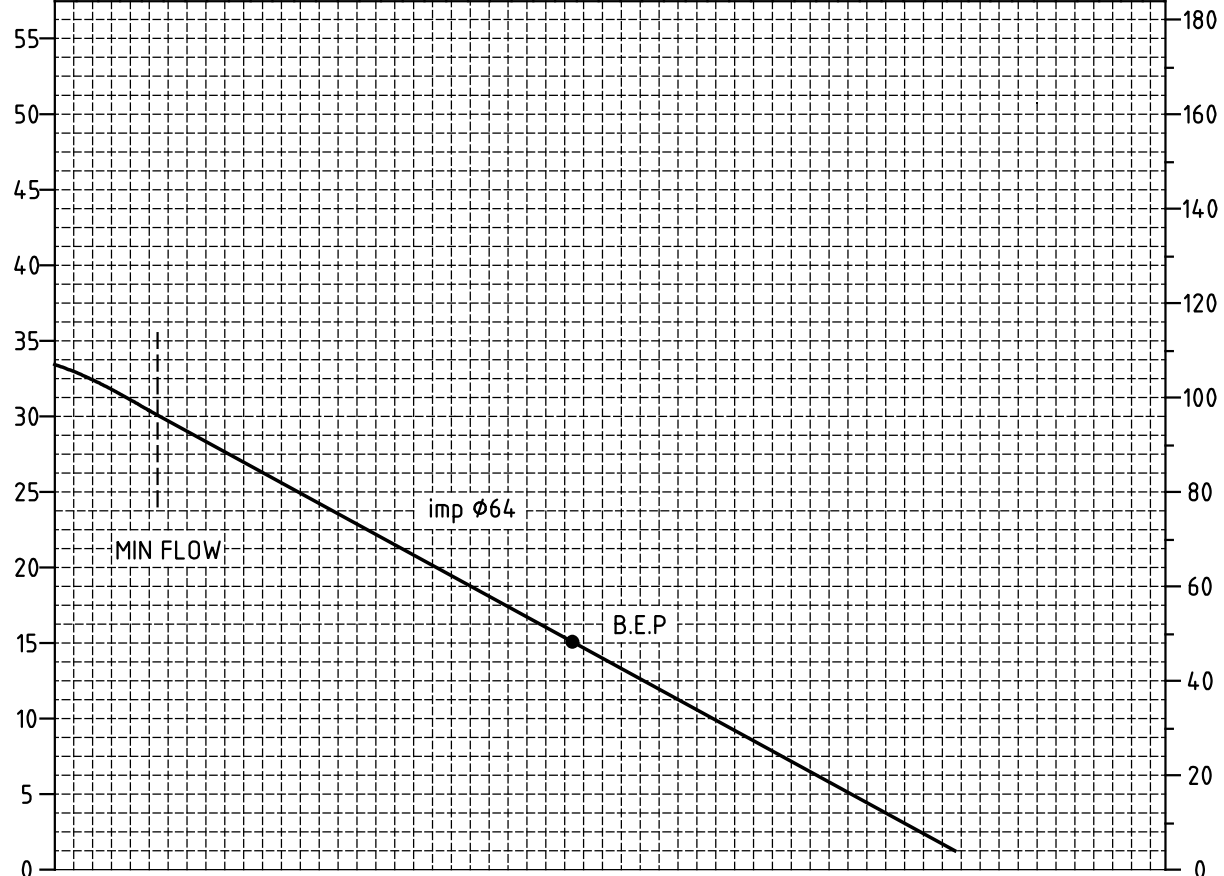


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Baureihe / Series:	MT
Typ / Type:	MT 5002
Motor Speed:	2900 1/min

Q (U.S. gpm)

0 2 4 6 8 10 12 14 16 18 20 22 24

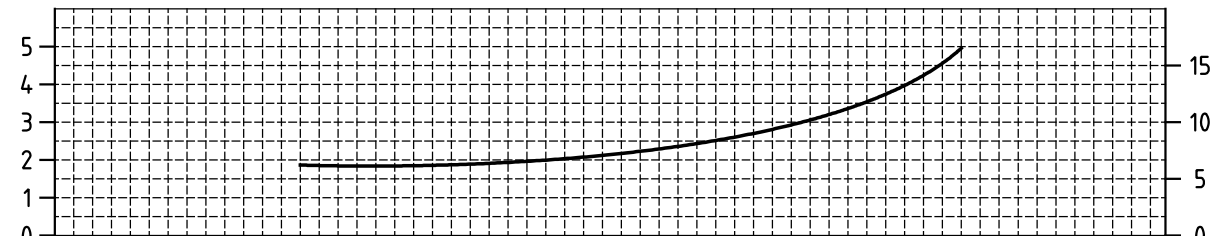


H (m)

H (ft)

NPSH (m)

NPSH (ft)

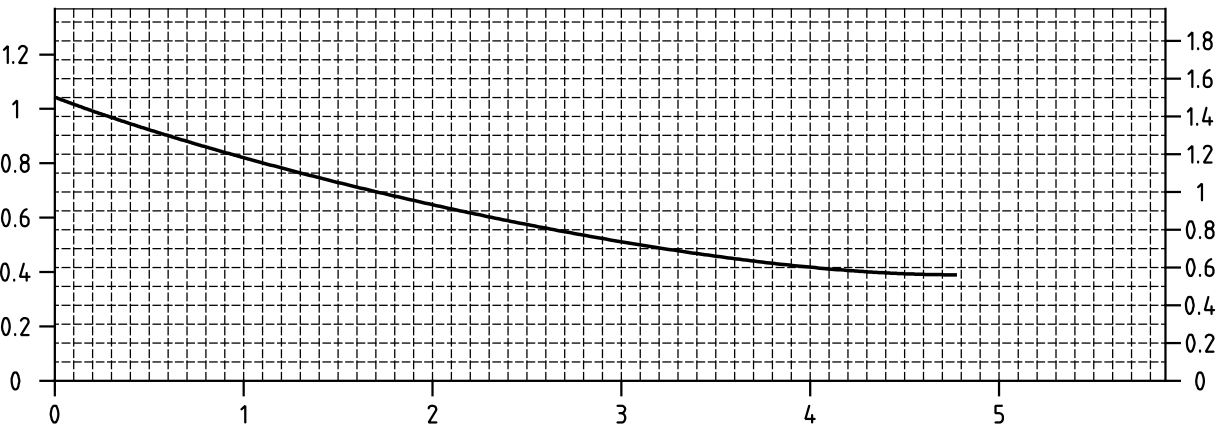


P (kW)

P (HP)

Q (m³/h)

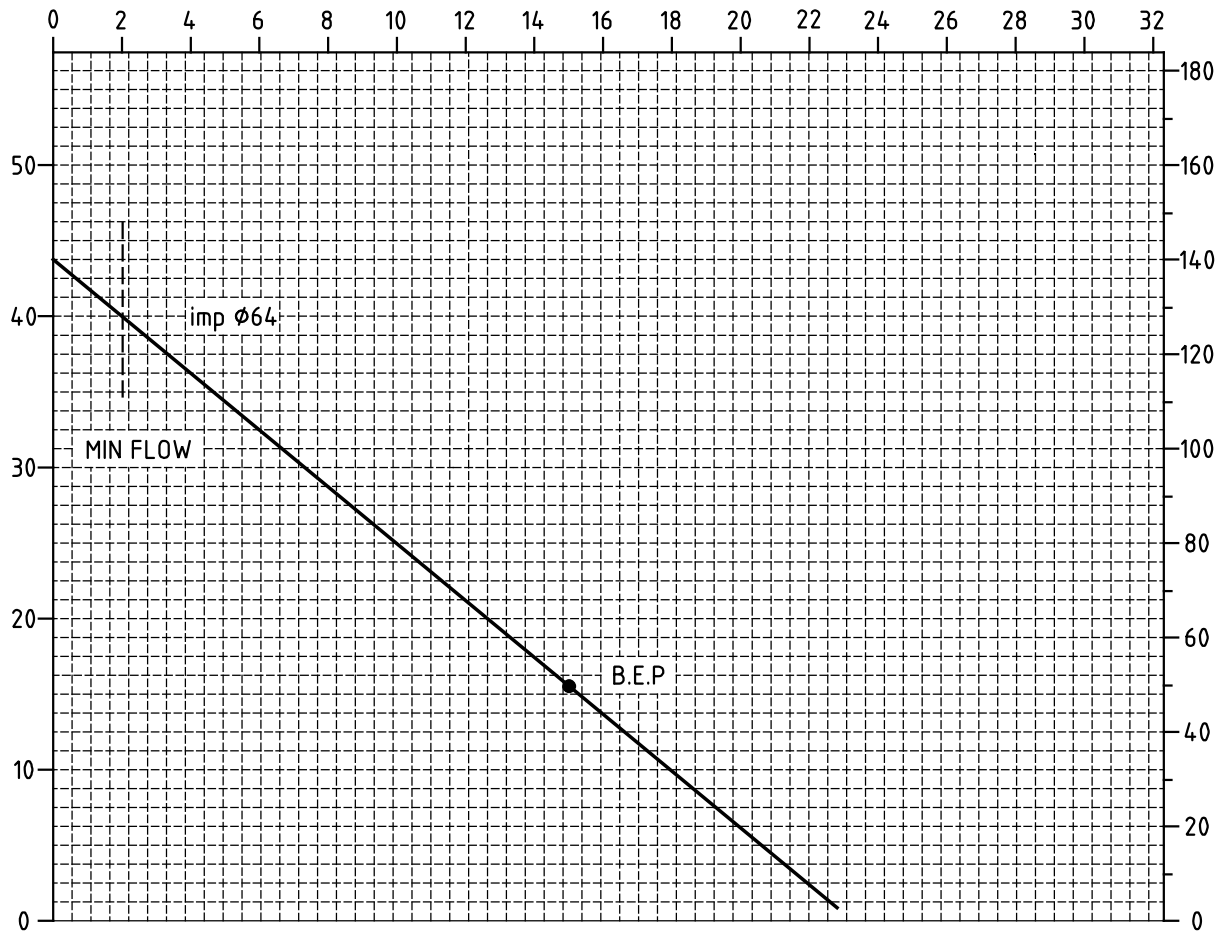
0 1 2 3 4 5



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Baureihe / Series:	MT
Typ / Type:	MT 5003
Motor Speed:	2900 1/min

Q (U.S. gpm)

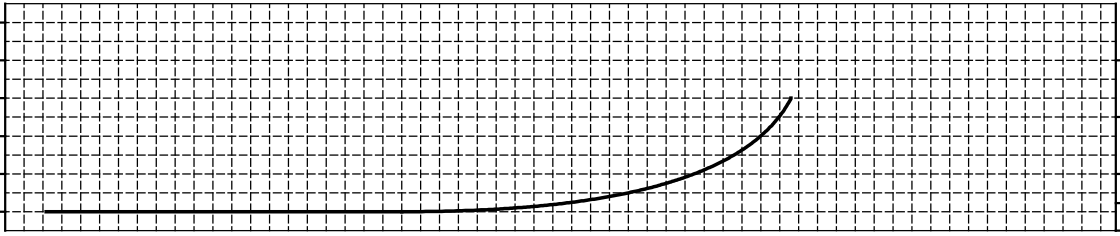


H (m)

H (ft)

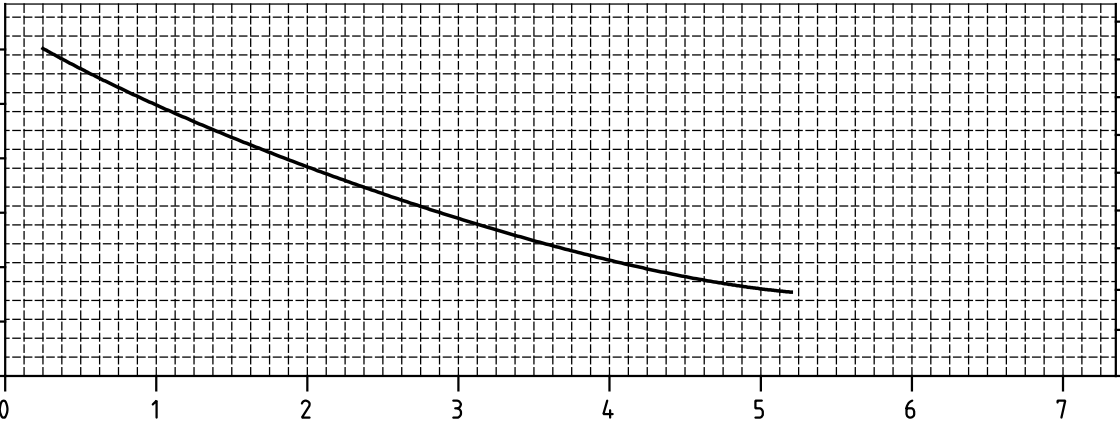
NPSH (m)

NPSH (ft)



P (kW)

P (HP)



Q (m³/h)

- Motor power depends on specific gravity of pumped liquid.
 - IEC motor power has been calculated considering 440V,
 for different voltage consult the factory.

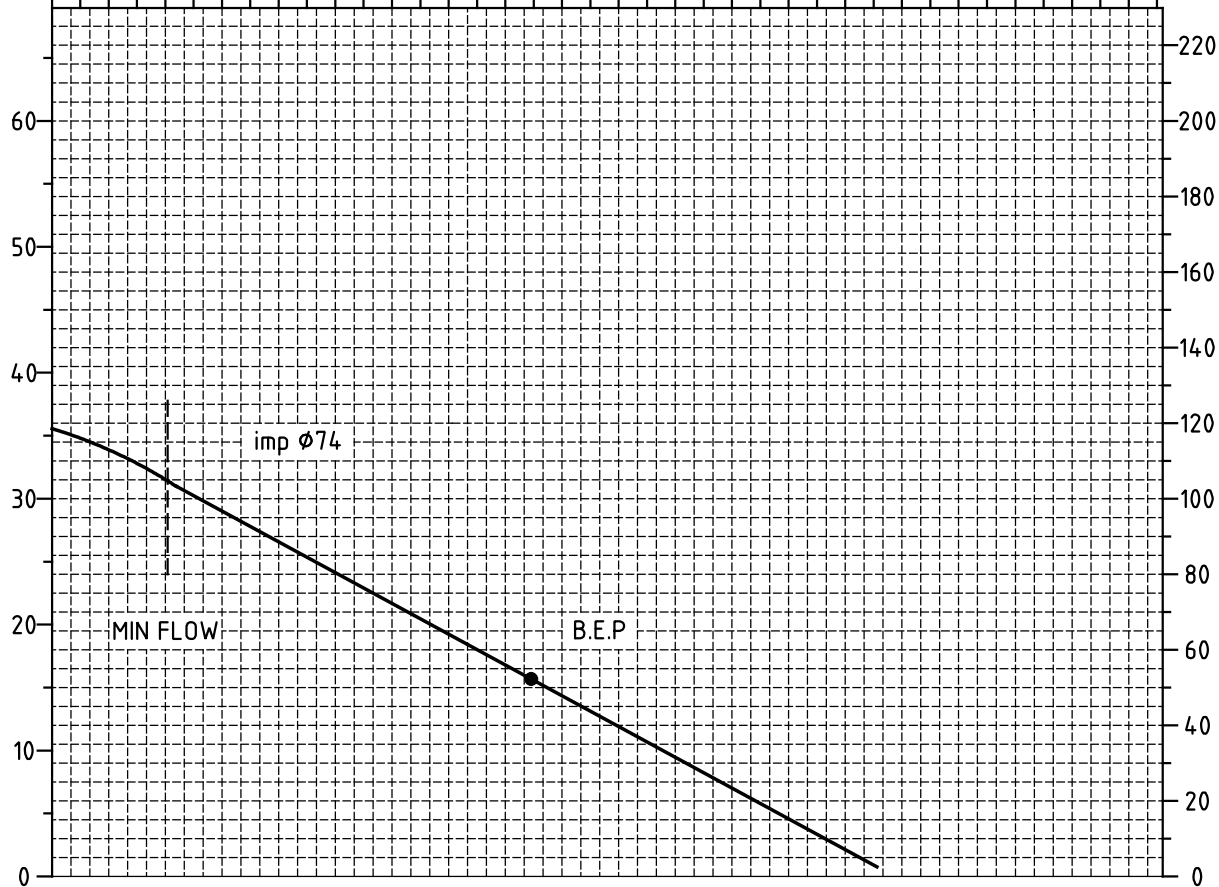


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Baureihe / Series:	MT
Typ / Type:	MT 5003
Motor Speed:	3500 1/min

Q (U.S. gpm)

0 4 8 12 16 20 24 28 32 36

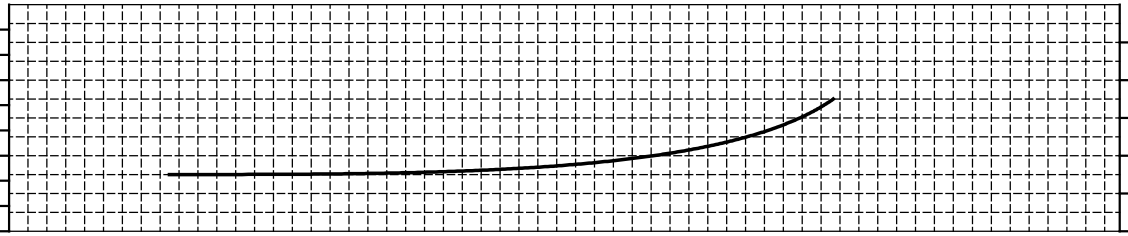


H (m)

H (ft)

NPSH (m)

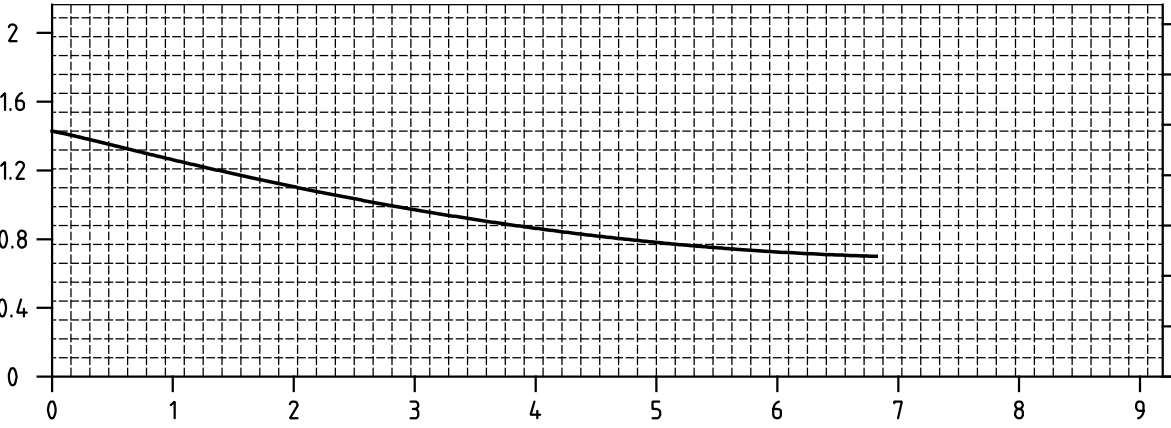
NPSH (ft)



P (kW)

P (HP)

Q (m³/h)

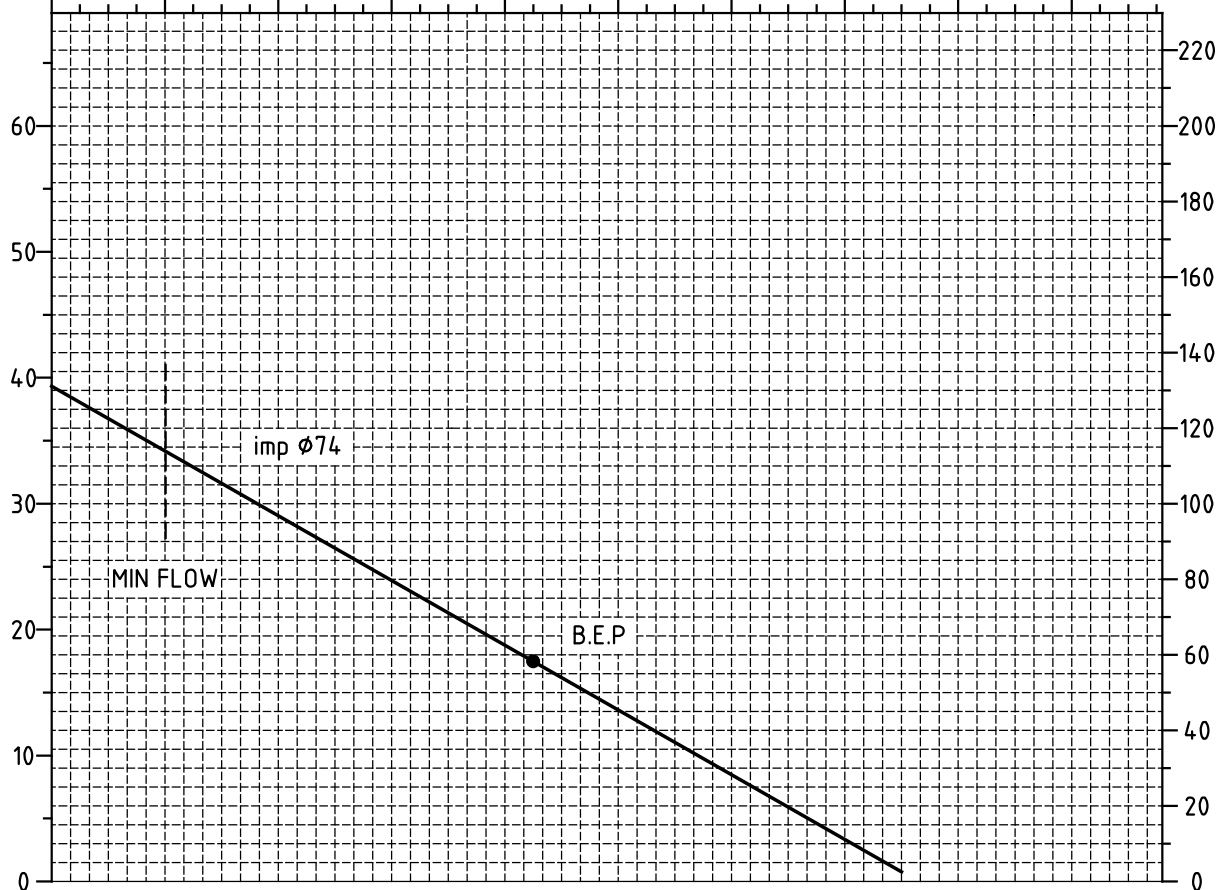


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Baureihe / Series:	MT
Typ / Type:	MT 7002
Motor Speed:	2900 1/min

Q (U.S. gpm)

0 4 8 12 16 20 24 28 32 36

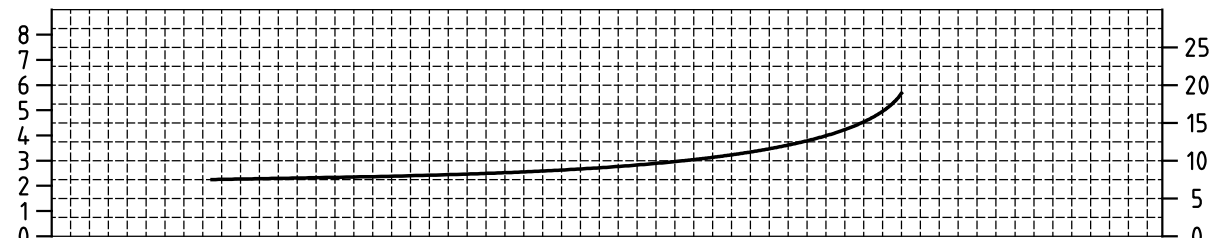


H (m)

H (ft)

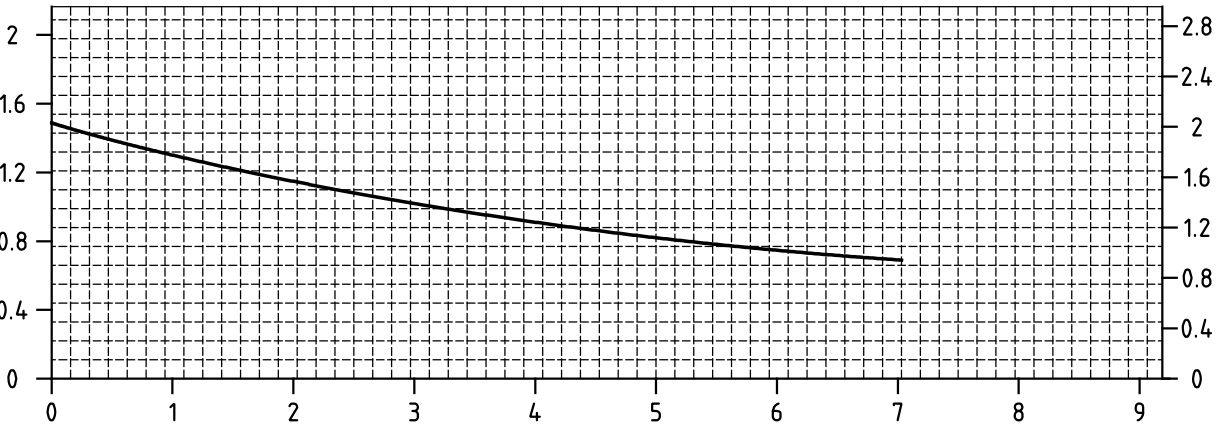
NPSH (m)

NPSH (ft)



P (kW)

P (HP)



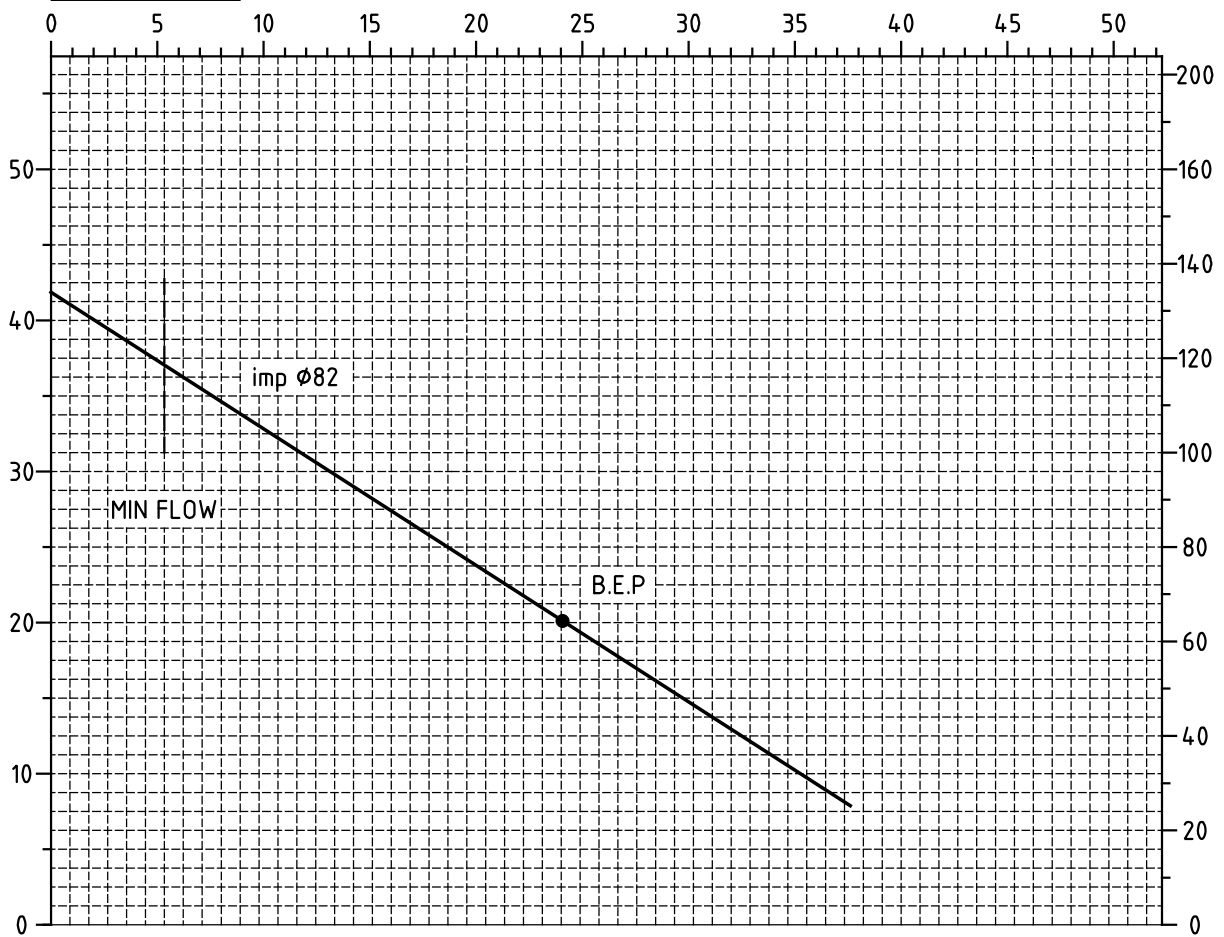
Q (m³/h)



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Baureihe / Series:	MT
Typ / Type:	MT 7003
Motor Speed:	2900 1/min

Q (U.S. gpm)

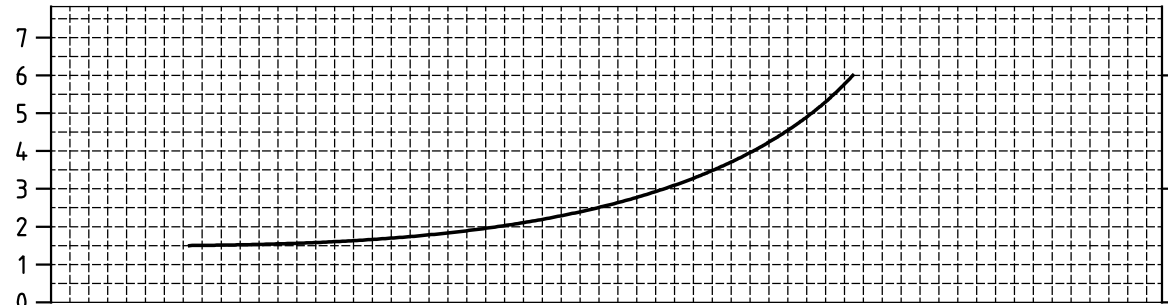


H (m)

H (ft)

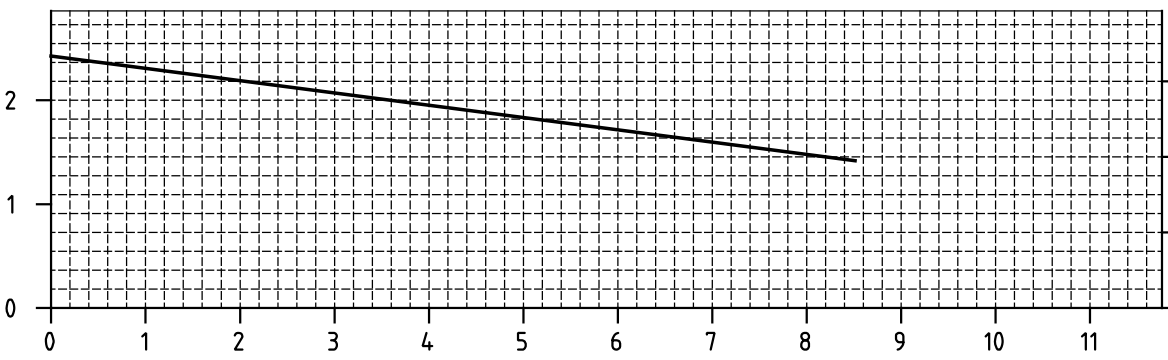
NPSH (m)

NPSH (ft)



P (kW)

P (HP)



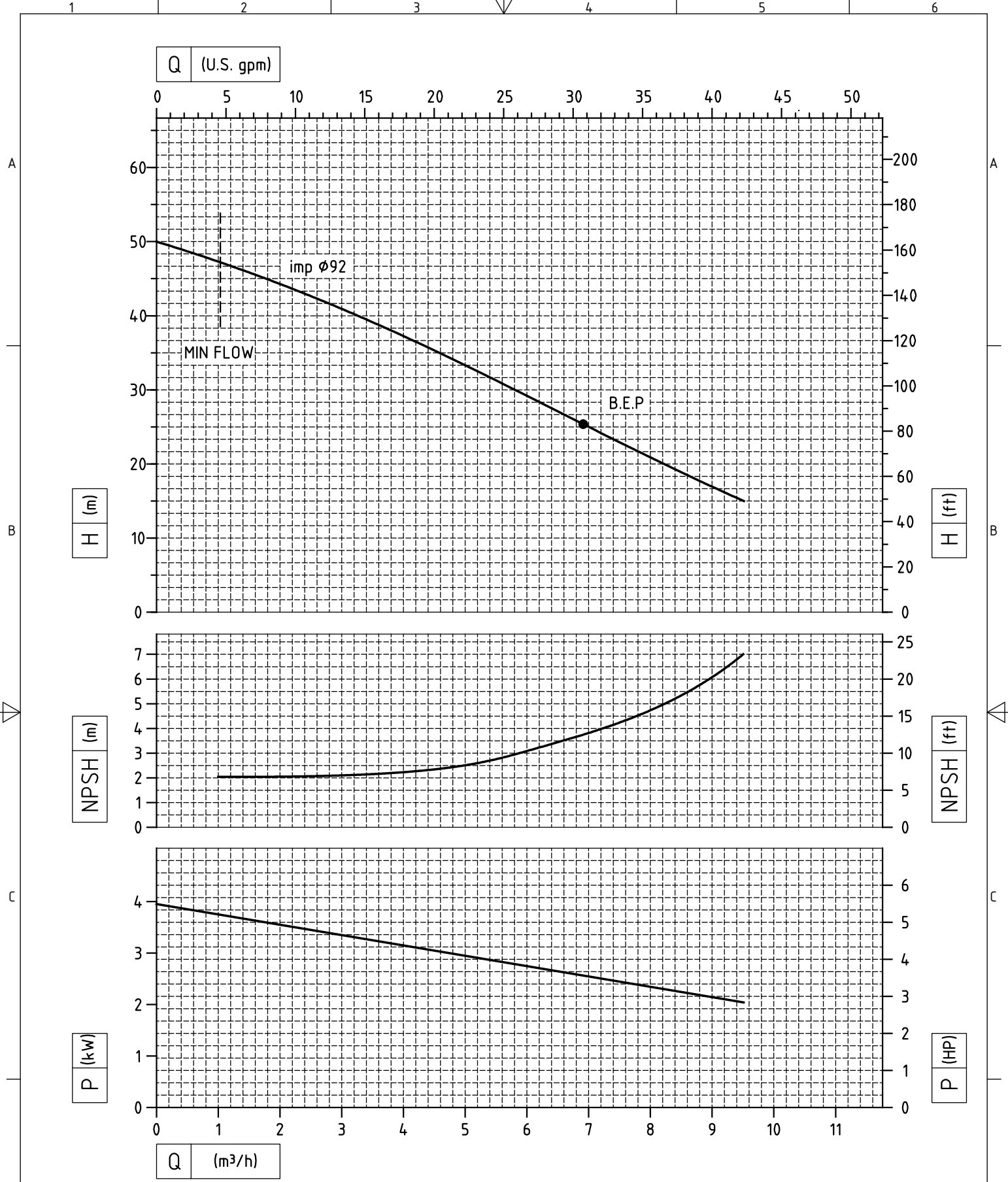
Q (m³/h)

Motor power depends on specific gravity of pumped liquid.




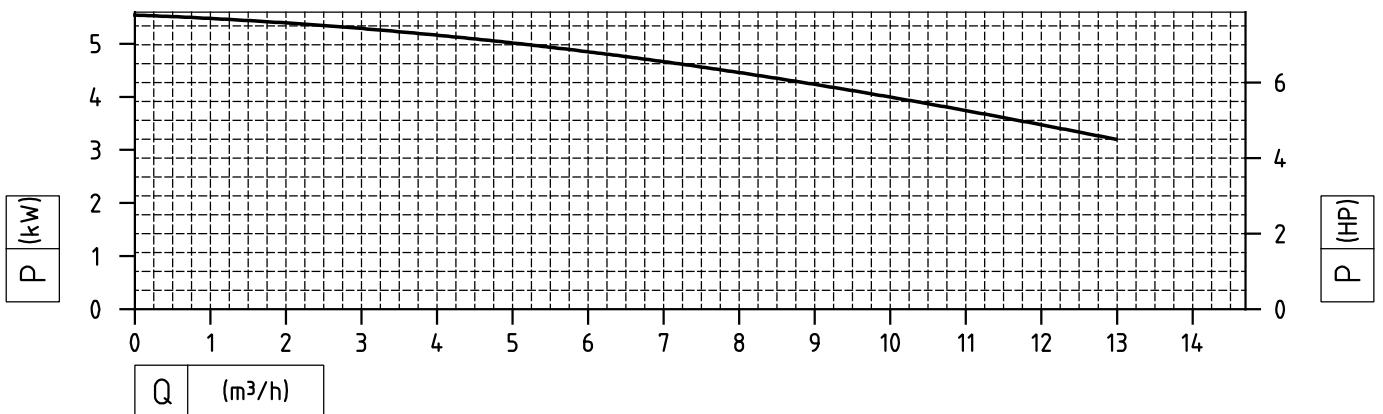
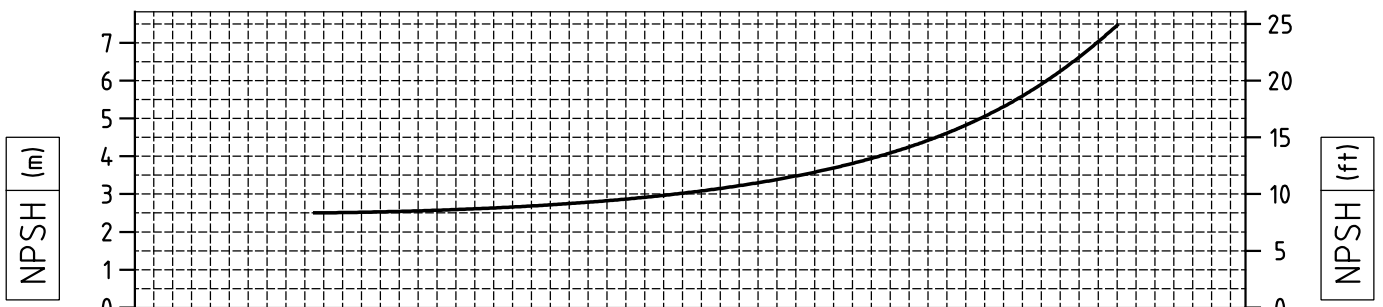
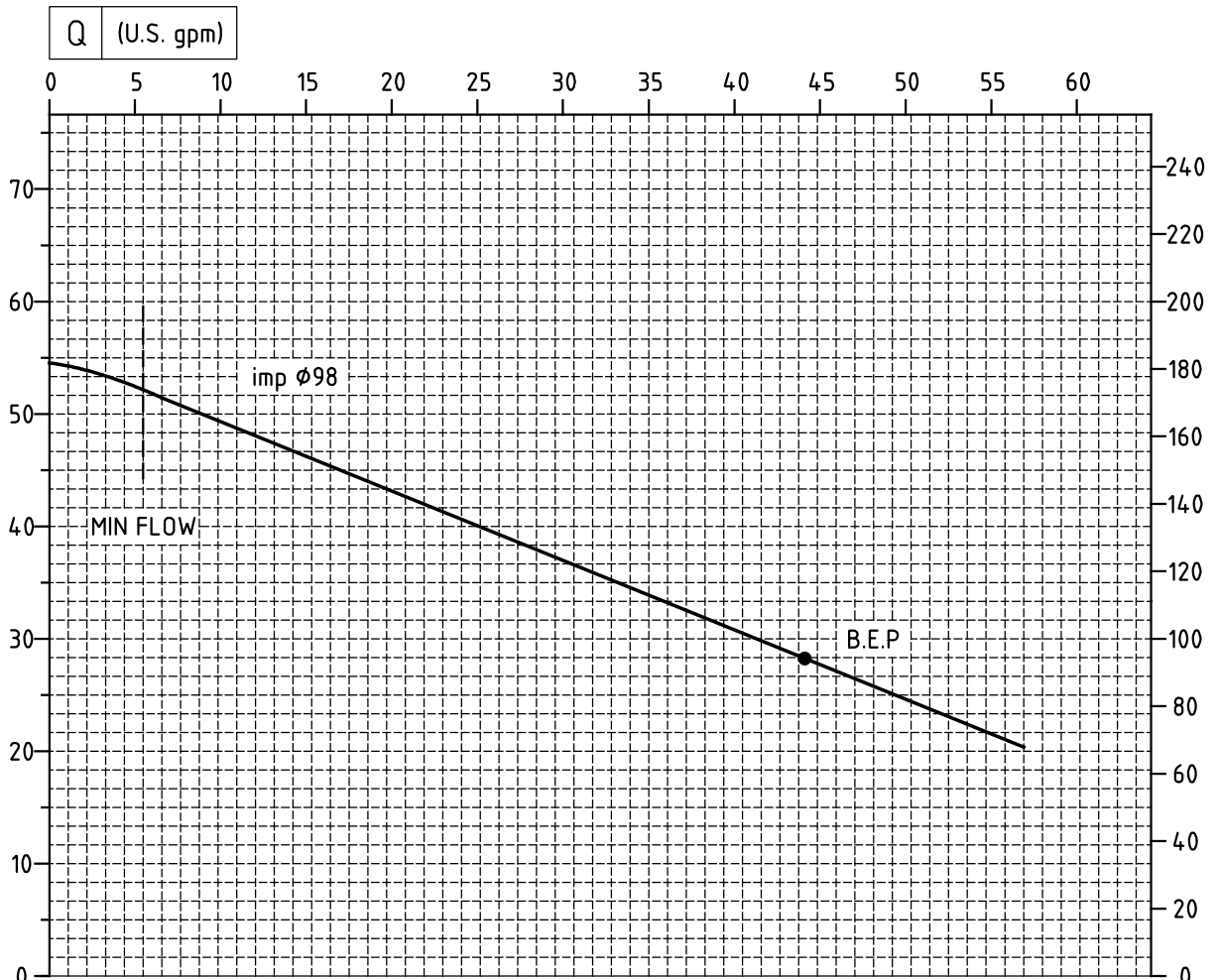
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Baureihe / Series:	MT
Typ / Type:	MT 9000
Motor:	2900 1/min



Motor power depends on specific gravity of pumped liquid.

 <p>MARCH PUMPEN GmbH & Co.KG Rathenastraße 2 D-35394 Gießen www.march-pumpen.com info@march-pumpen.com</p>	Baureihe / Series:	MT
	Typ / Type:	MT 12000
	Motor:	2900 1/min

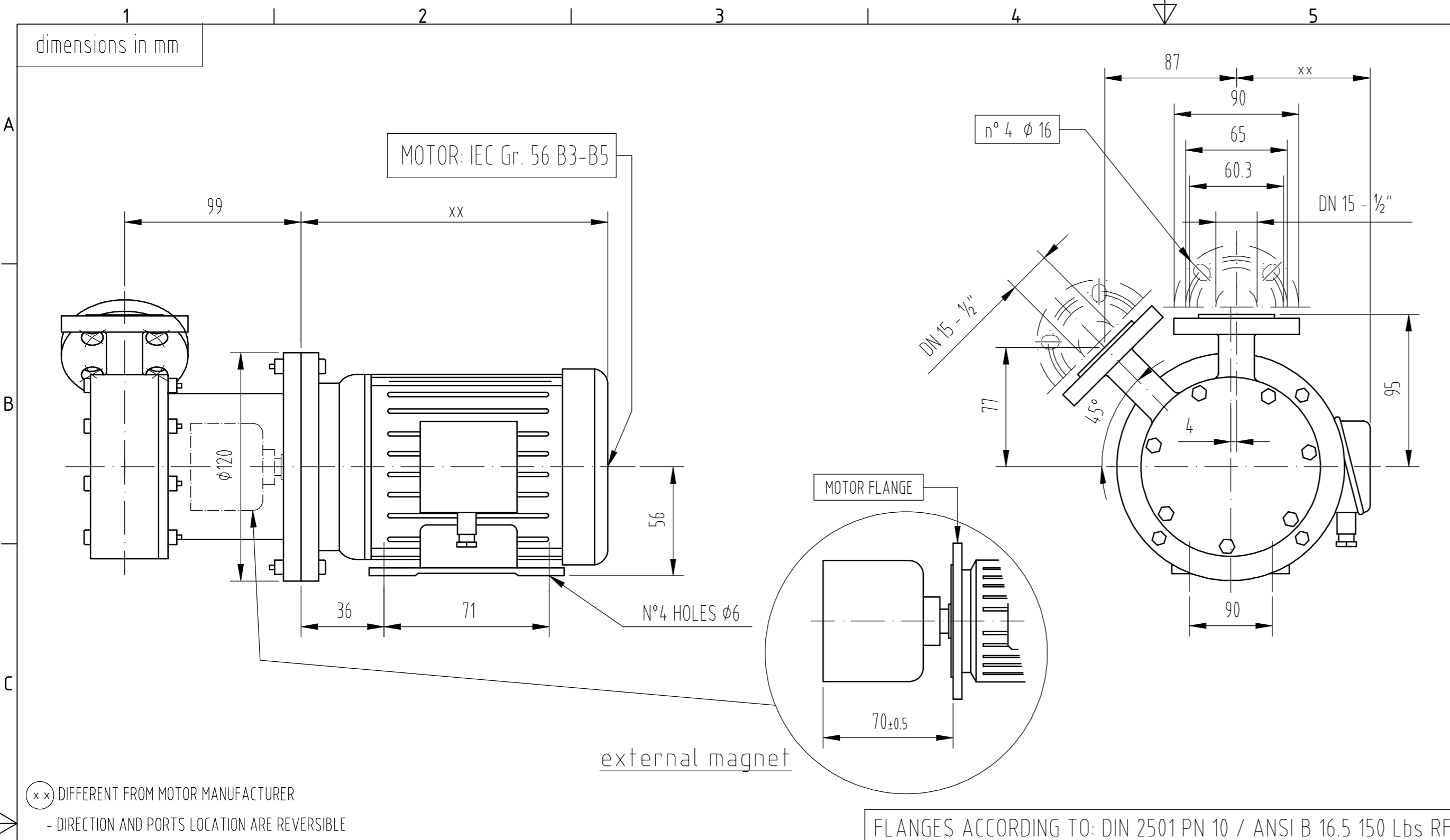


Motor power depends on specific gravity of pumped liquid.

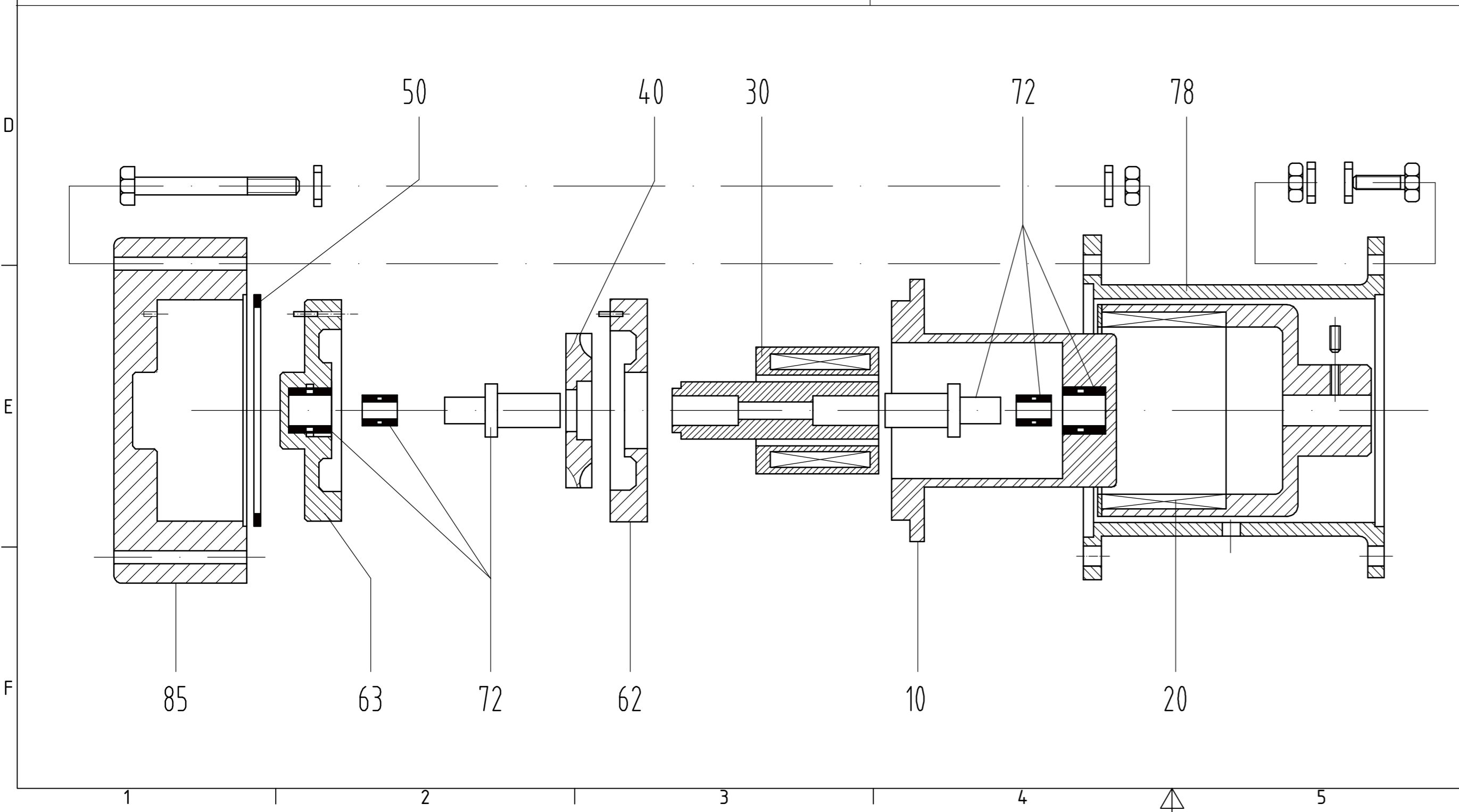


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Baureihe / Series:	MT
Typ / Type:	MT 16000
Motor Speed:	2900 1/min

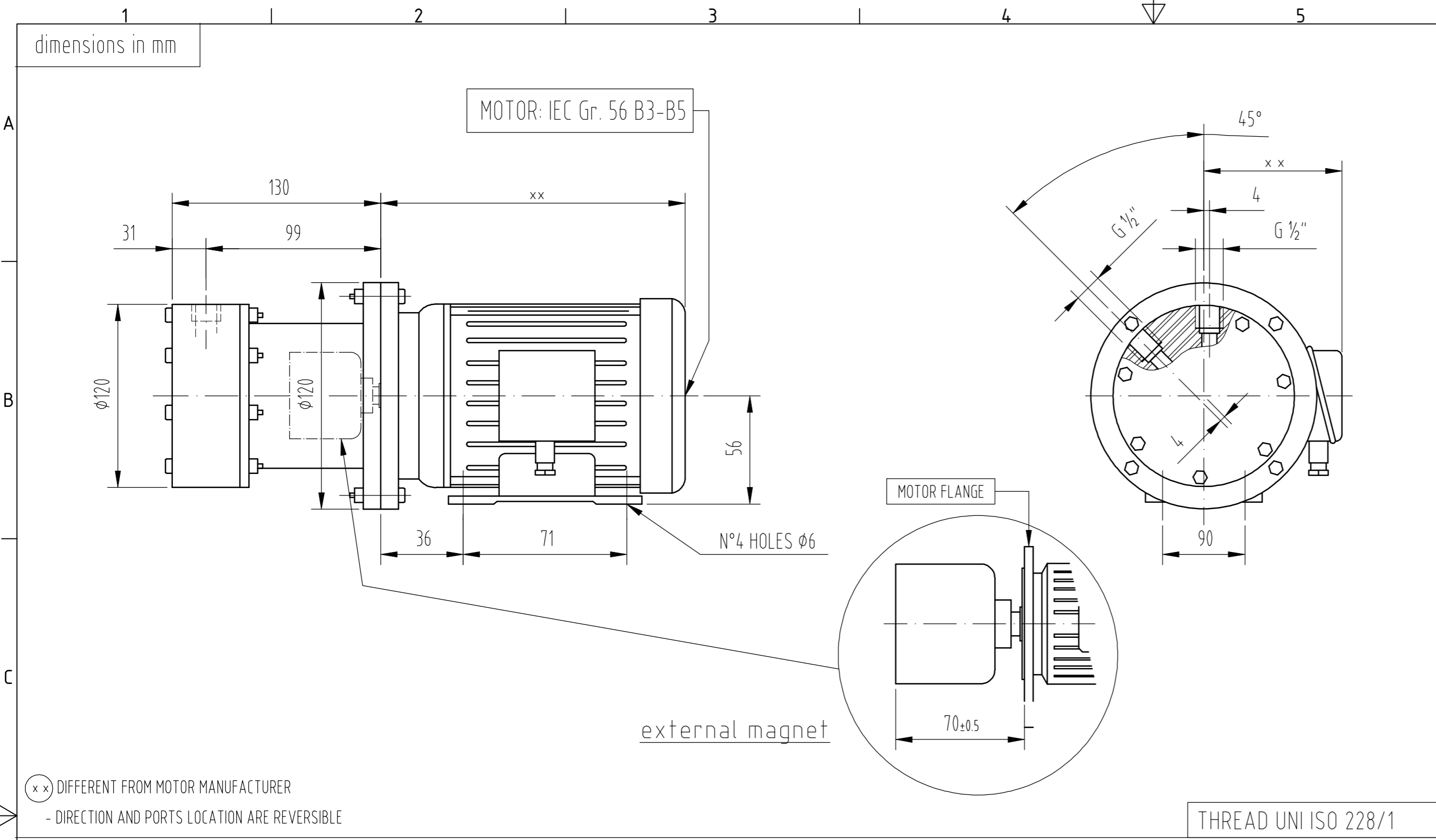


REF	DESCRIPTION	MATERIAL	CODE
10	Containment shell	PP	
20	Ext. Magnet	NeFeB/ Carbon Steel	
30	Int. Magnet	PP/NeFeB	
40	Impeller	PVDF	
50	O-Ring 4300 (234)	EPDM	
62	Rear Ring	PP	
63	Front Ring	PP	
72	PTFEC Bearings/Shafts	PTFEC	
78	Bracket (120-80-9)	PP	
85	Pump Casing	PP	
88	Rear Wet End (10+30+40+50+62+63+72)	/	
90	Wet End (10+30+40+50+62+63+72+85)	/	

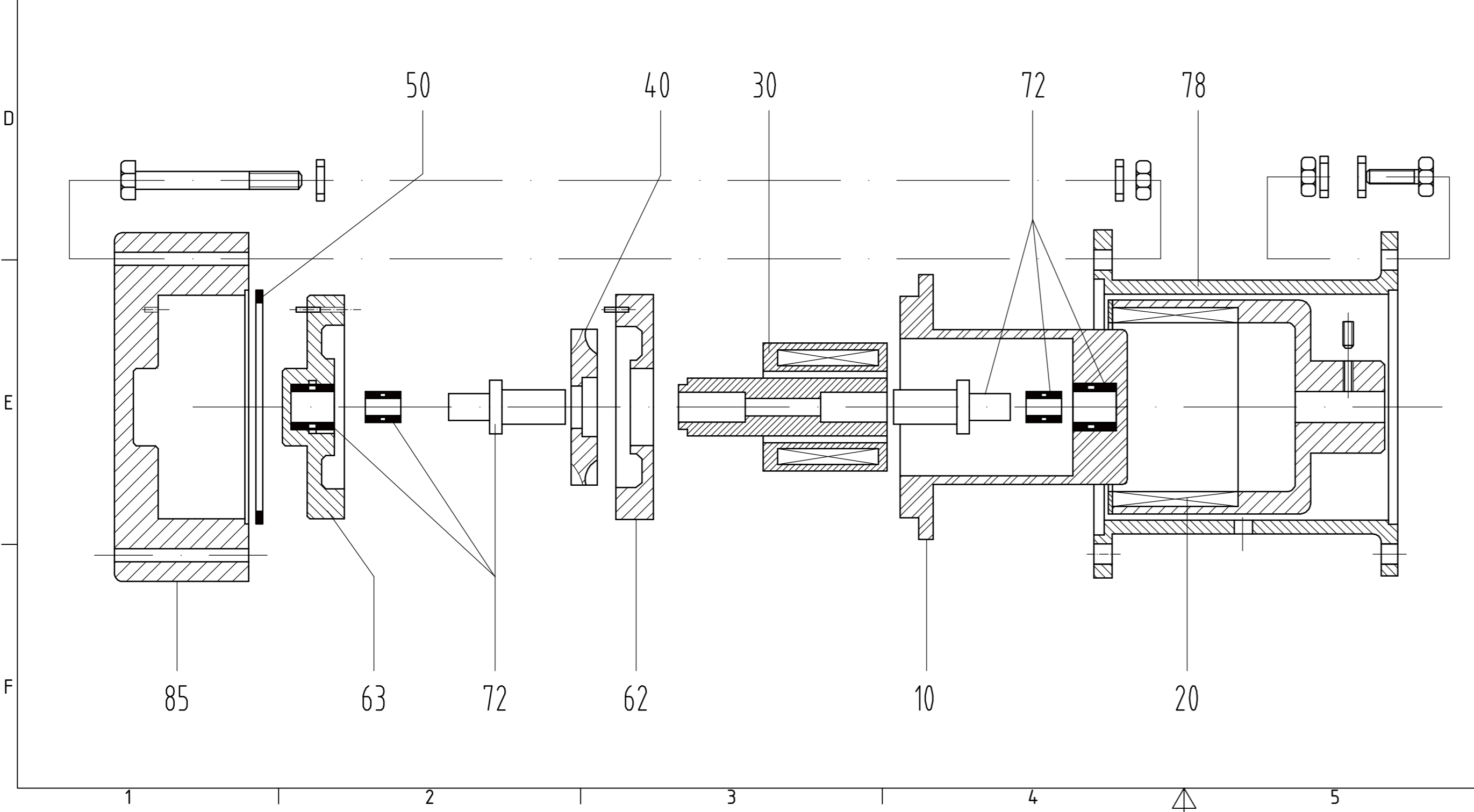


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	MARCH PUMPEN GmbH & Co.KG Rätthausstraße 2 D-35394 Gießen info@march-pumpen.com www.march-pumpen.com		Allgemeintoleranzen nach DIN ISO 2768-m	
			Alle Kanten gratfrei	
		Datum	Name	
		Gezeichnet	02.07.2019	Lach
		Kontrolliert		
		Norm		
				Series MT
				MT 2002 P_F - IEC56
				DPCA-2002-P-F-IEC56
				1
				A2
Status	Änderungen	Datum	Name	

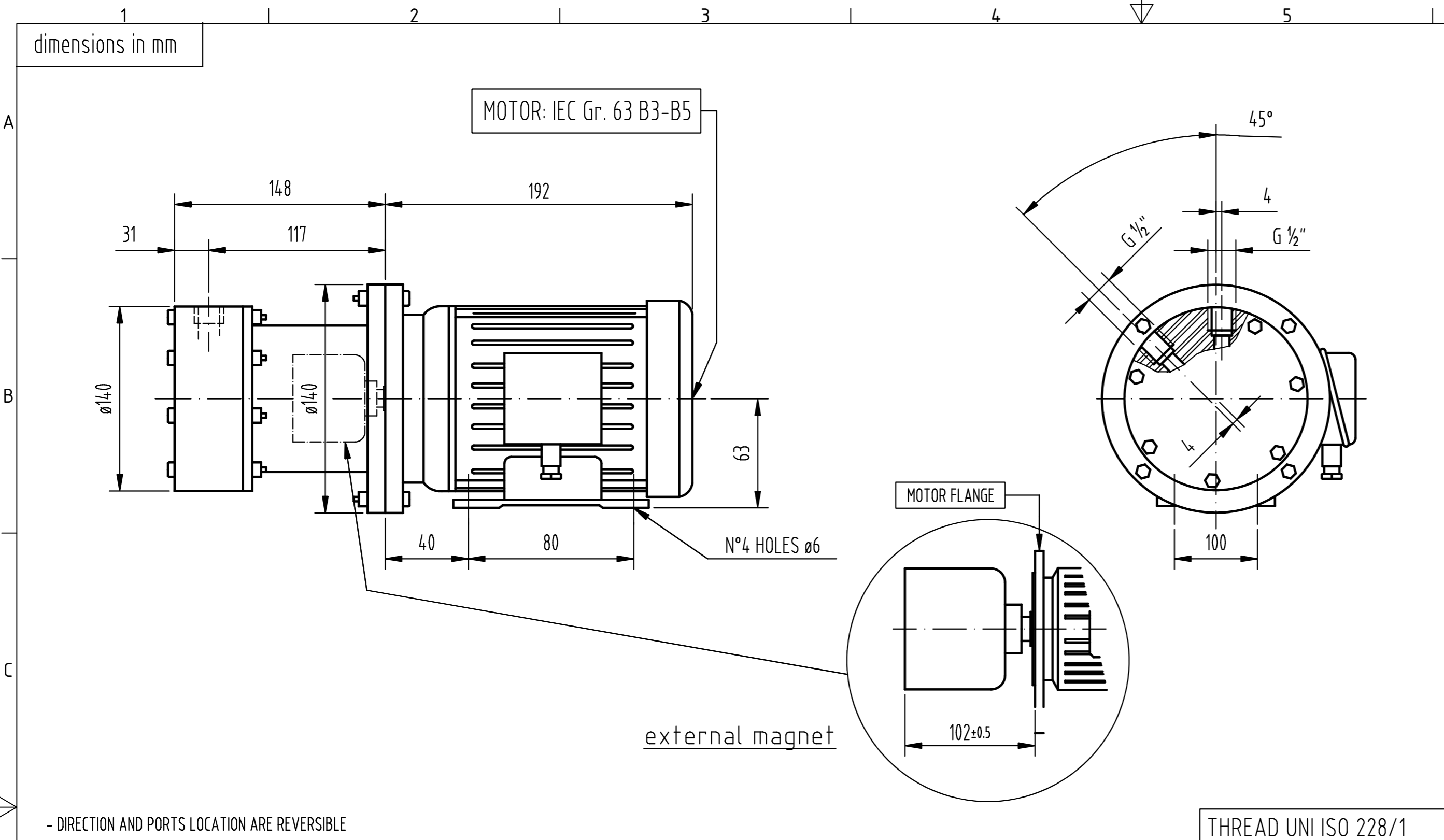


REF	DESCRIPTION	MATERIAL	CODE
10	Containment shell	PP	
20	Ext. Magnet	NeFeB/ Carbon Steel	
30	Int. Magnet	PP/NeFeB	
40	Impeller	PVDF	
50	O-Ring 4300 (234)	EPDM	
62	Rear Ring	PP	
63	Front Ring	PP	
72	PTFEC Bearings/Shafts	PTFEC	
78	Bracket (120-80-9)	PP	
85	Pump Casing	PP	
88	Rear Wet End (10+30+40+50+62+63+72)	/	
90	Wet End (10+30+40+50+62+63+72+85)	/	

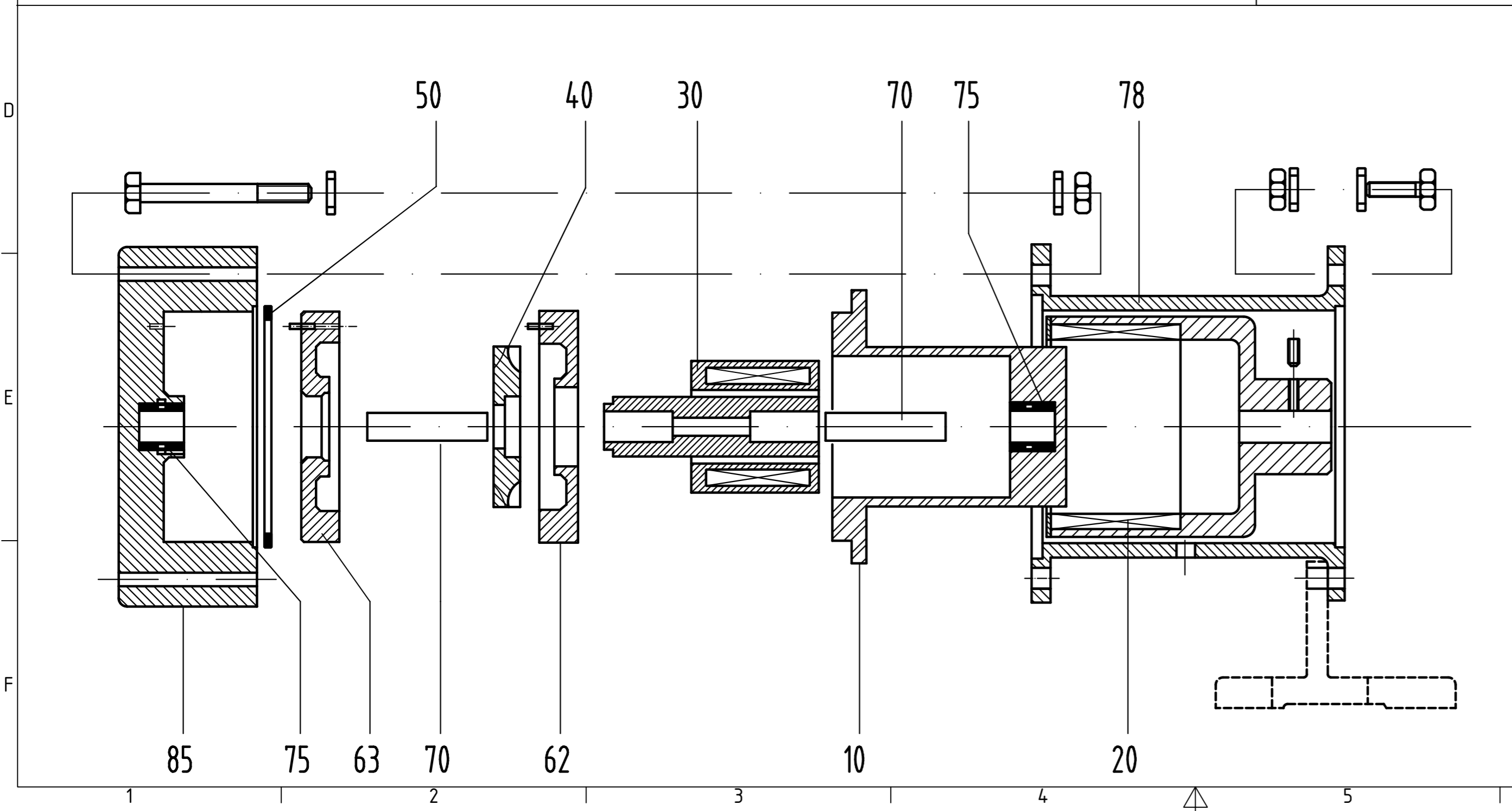


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	MARCH PUMPEN GmbH & Co.KG Rättnauststraße 2 D-35394 Gießen info@march-pumpen.com www.march-pumpen.com			Allgemeintoleranzen nach DIN ISO 2768-m Alle Kanten gratfrei	
	Gezeichnet Kontrolliert Norm	Datum 02.07.2019		Name Lach	Series MT MT 2002 P_R - IEC56
DPCA-2002-P-R-IEC56			1 A2		
Status	Änderungen	Datum	Name		

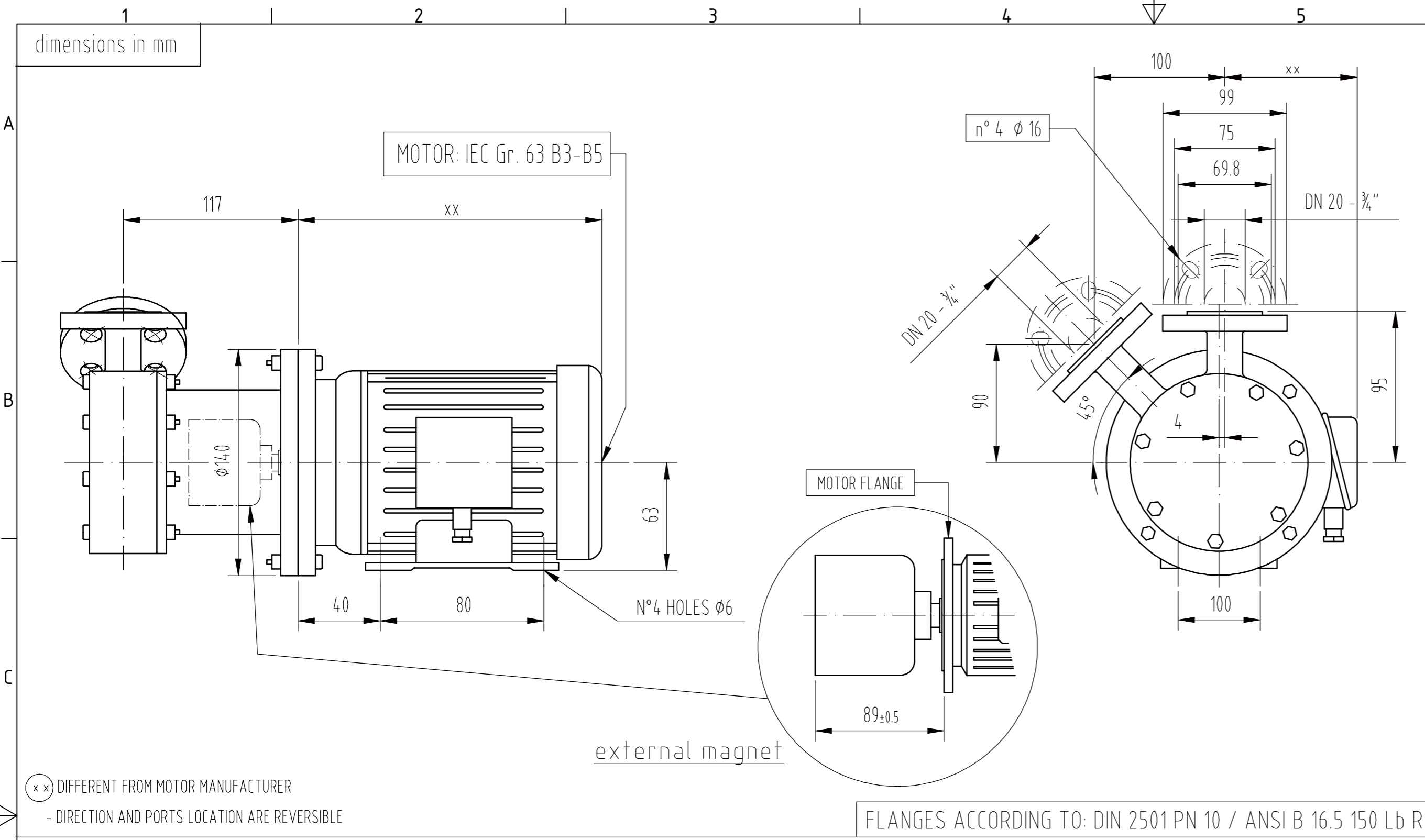


REF	DESCRIPTION	MATERIAL	CODE
10	Containment shell	PP	
20	Ext. Magnet	NeFeB/ Carbon Steel	
30	Int. Magnet	PP/NeFeB	
40	Impeller	PVDF	
50	O-Ring 4362 (239)	EPDM	
62	Rear Ring	PP	
63	Front Ring	PP	
70	Shafts	Ceramic	
75	Bearings	PTFEC	
78	Bracket (140-95-11)	PP	
85	Pump Casing	PP	
88	Rear Wet End (10+30+40+50+62+63+70+75)	/	
90	Wet End (10+30+40+50+62+63+70+75+85)	/	



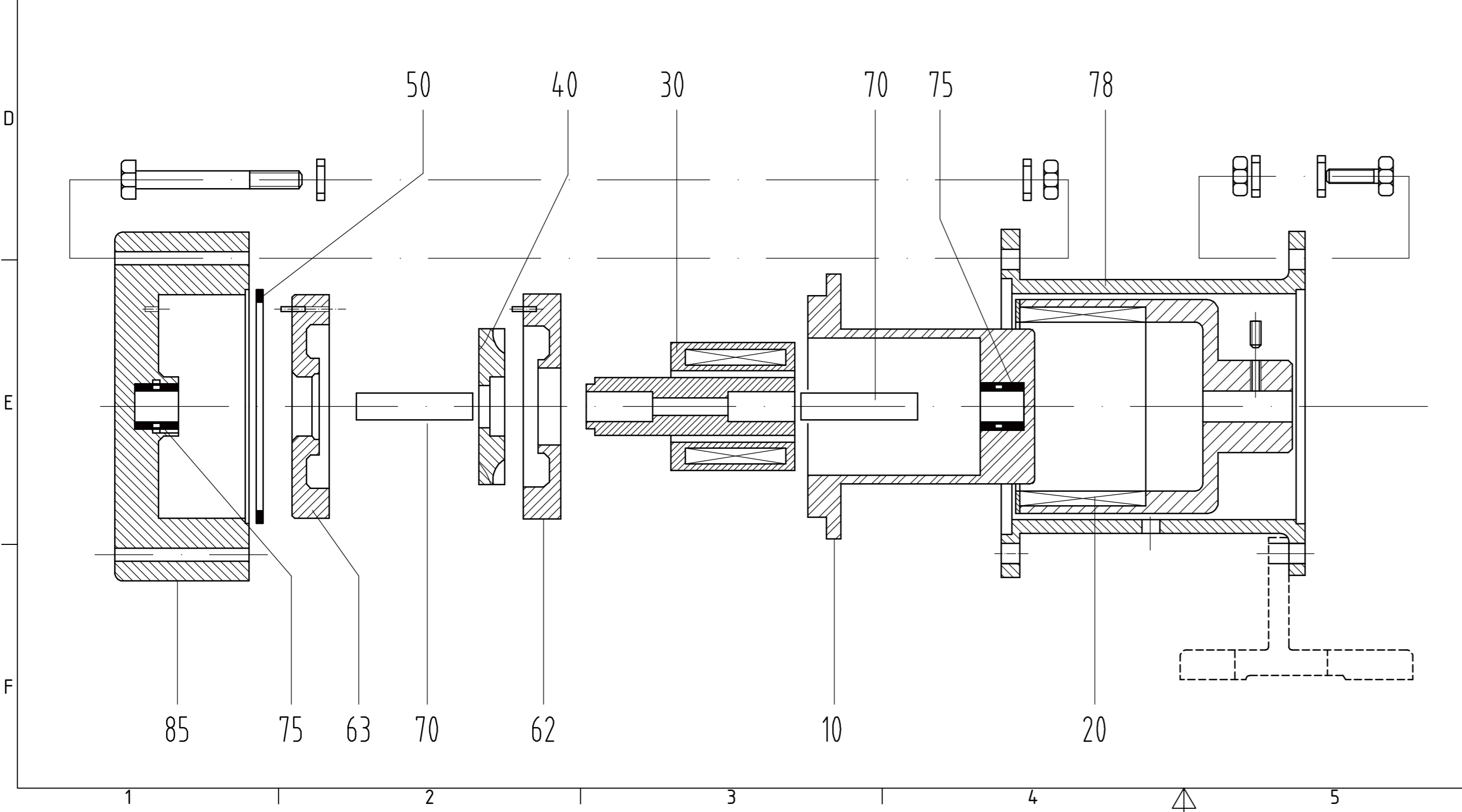
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 MARCH PUMPEN GmbH & Co.KG Rälthausstraße 2 D-35394 Gießen info@march-pumpen.com www.march-pumpen.com	 Datum Name	Allgemeintoleranzen nach DIN ISO 2768-m	
		Alle Kanten gratfrei	
		Series MT	
	Geszeichnet	02.07.2019	Lach
	Kontrolliert		
	Norm		
DPCA-2003-P-R-IEC63			1
			A2
Status	Änderungen	Datum	Name



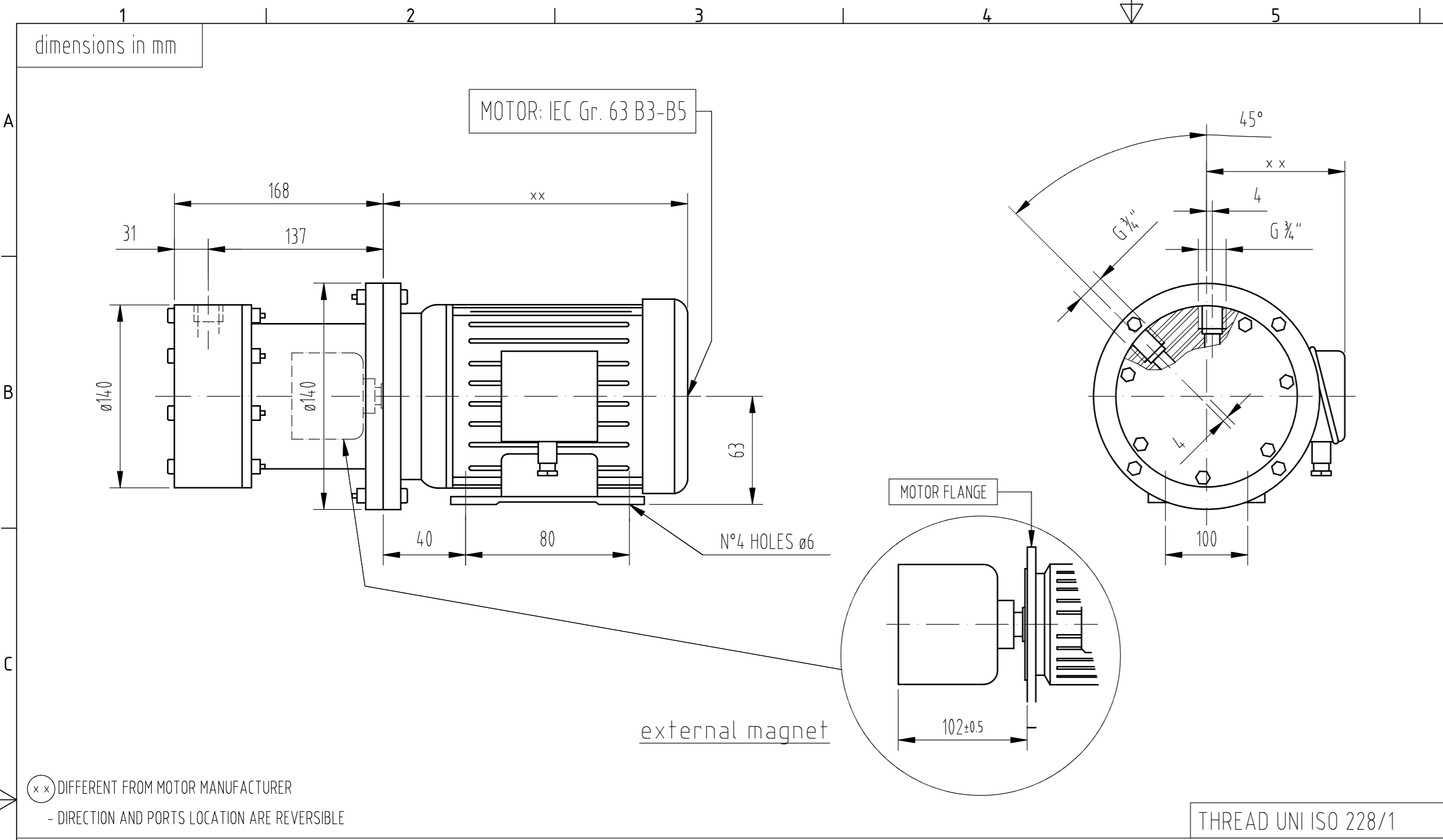
REF	DESCRIPTION	MATERIAL	CODE
10	Containment shell	PP	
20	Ext. Magnet	NeFeB/ Carbon Steel	
30	Int. Magnet	PP/NeFeB	
40	Impeller	PVDF	
50	O-Ring 4362 (239)	EPDM	
62	Rear Ring	PP	
63	Front Ring	PP	
70	Shafts	Ceramic	
75	Bearings	PTFEC	
78	Bracket (140-95-11)	PP	
85	Pump Casing	PP	
88	Rear Wet End (10+30+40+50+62+63+70+75)	/	
90	Wet End (10+30+40+50+62+63+70+75+85)	/	

(xx) DIFFERENT FROM MOTOR MANUFACTURER
 - DIRECTION AND PORTS LOCATION ARE REVERSIBLE

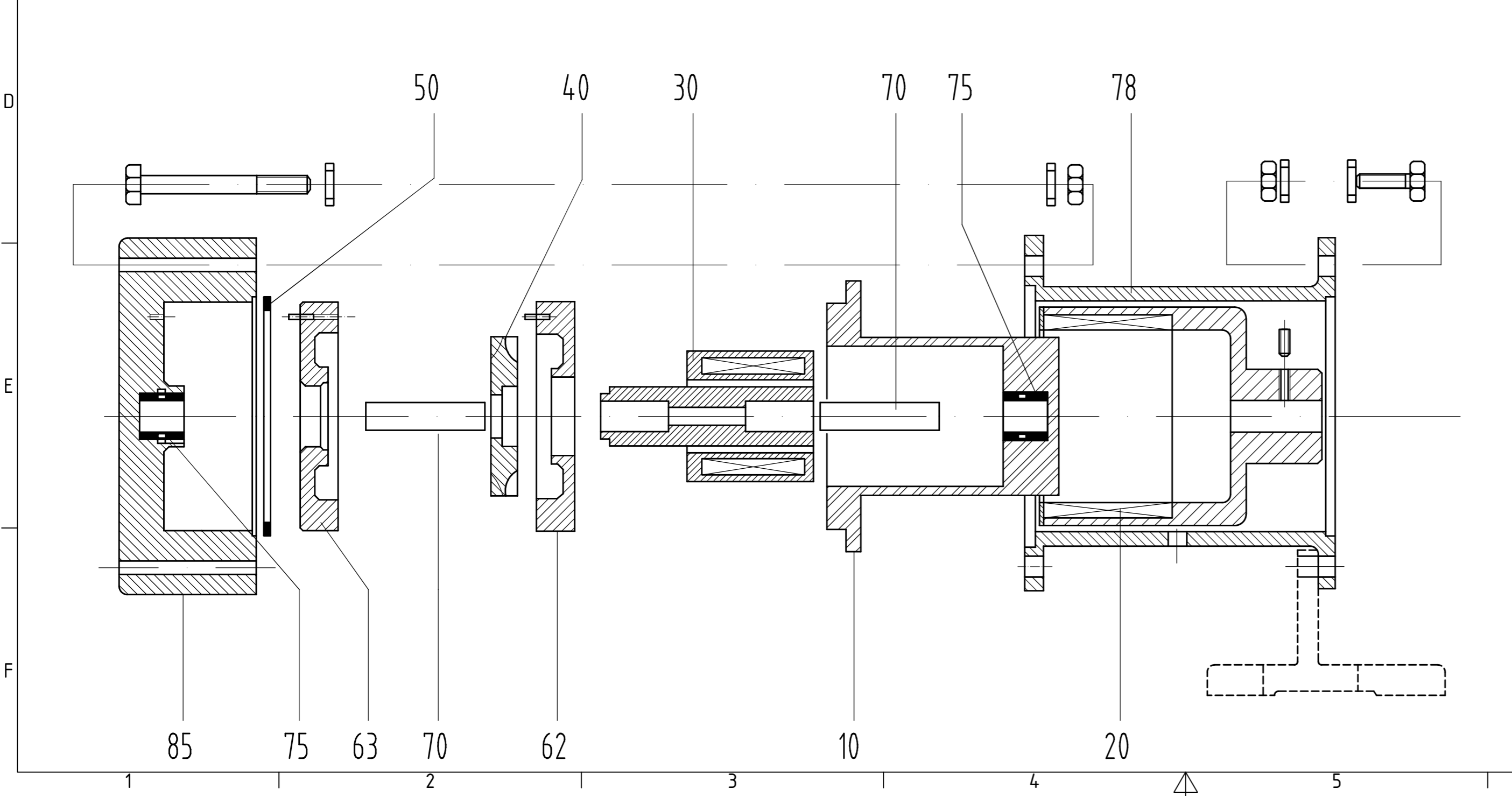


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			Alle Kanten gratfrei	
		Datum	Name	
		Gezeichnet	02.07.2019	Lach
		Kontrolliert		
		Norm		
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				DPCA-3002-P-F-IEC63
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Status	Änderungen	Datum	Name	

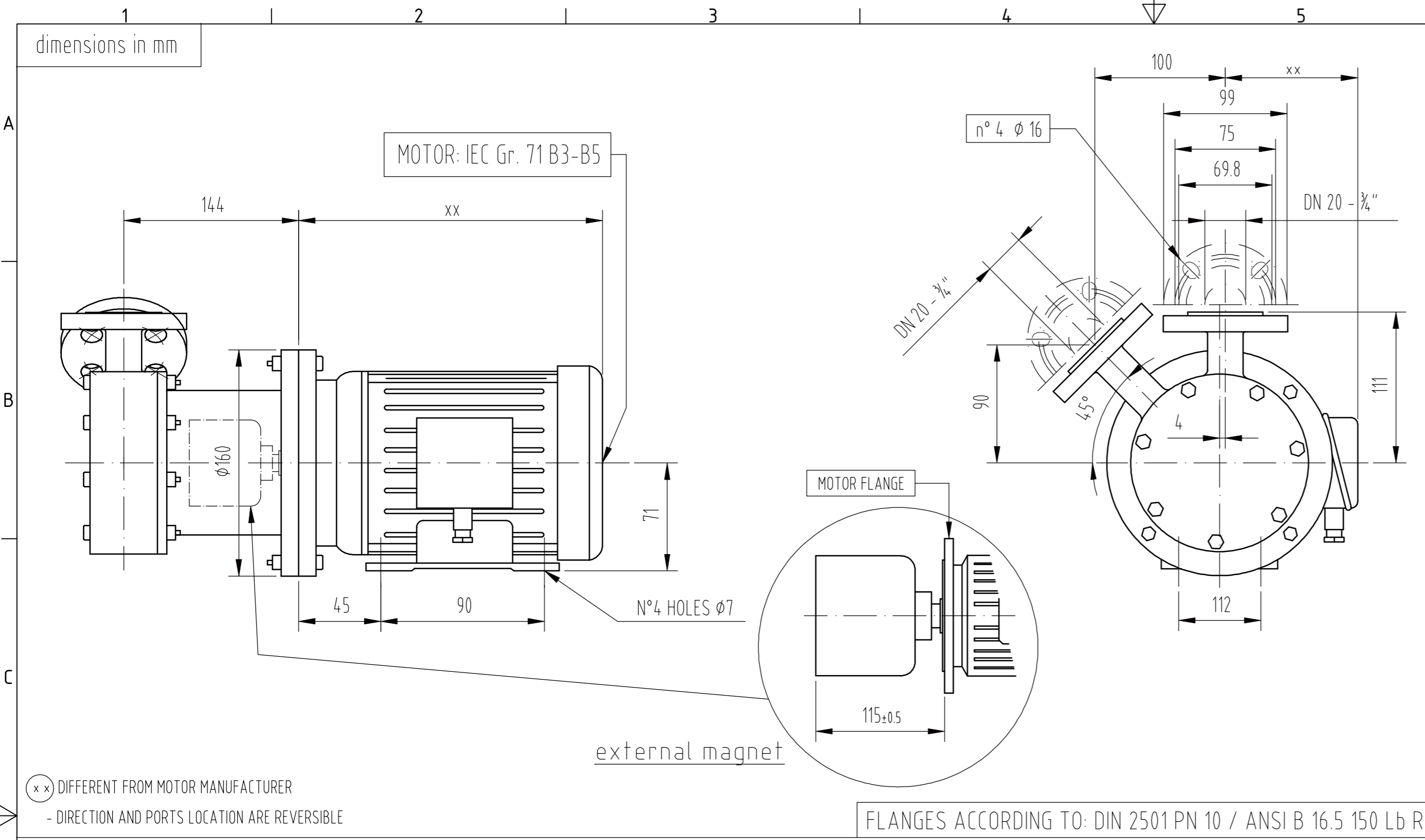


REF	DESCRIPTION	MATERIAL	CODE
10	Containment shell	PP / PVDF	
20	Ext. Magnet	NeFeB/ Carbon Steel	
30	Int. Magnet		
40	Impeller	PVDF	
50	O-Ring 4362 (239)		
62	Rear Ring	PP / PVDF	
63	Front Ring	PP / PVDF	
70	Shafts	Ceramic	
75	Bearings	PTFEC	
78	Bracket (140-95-11)	PP / PVDF	
85	Pump Casing	PP / PVDF	
88	Rear Wet End (10+30+40+50+62+63+70+75)	/	
90	Wet End (10+30+40+50+62+63+70+75+85)	/	

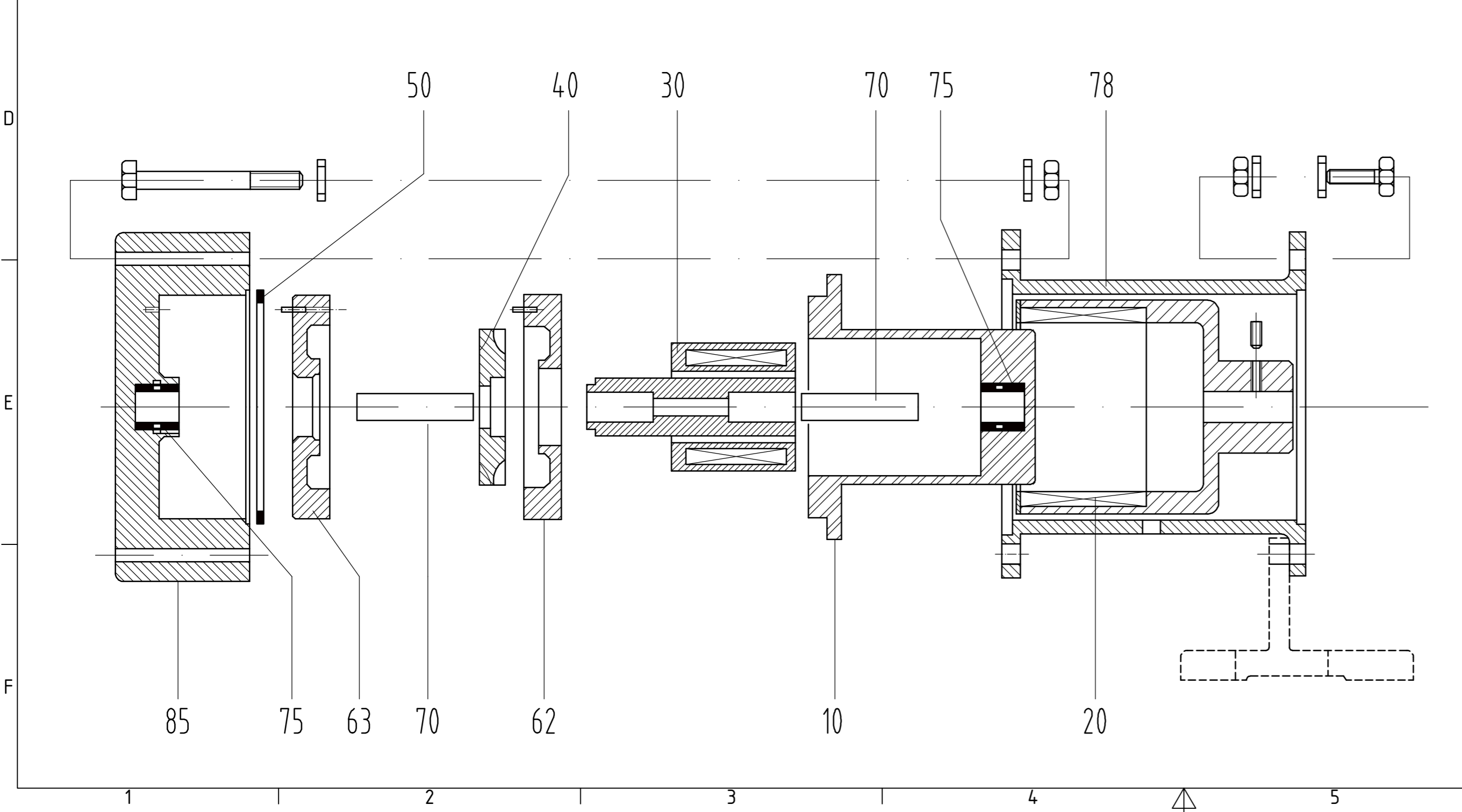


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	Gezeichnet 02.07.2019 Kontrolliert Norm	Datum 02.07.2019 Name Lach		Series MT MT 3002 PPR / PVR	
DPCA-3002 PPR/PVR				1 A2	
Status	Änderungen	Datum	Name		

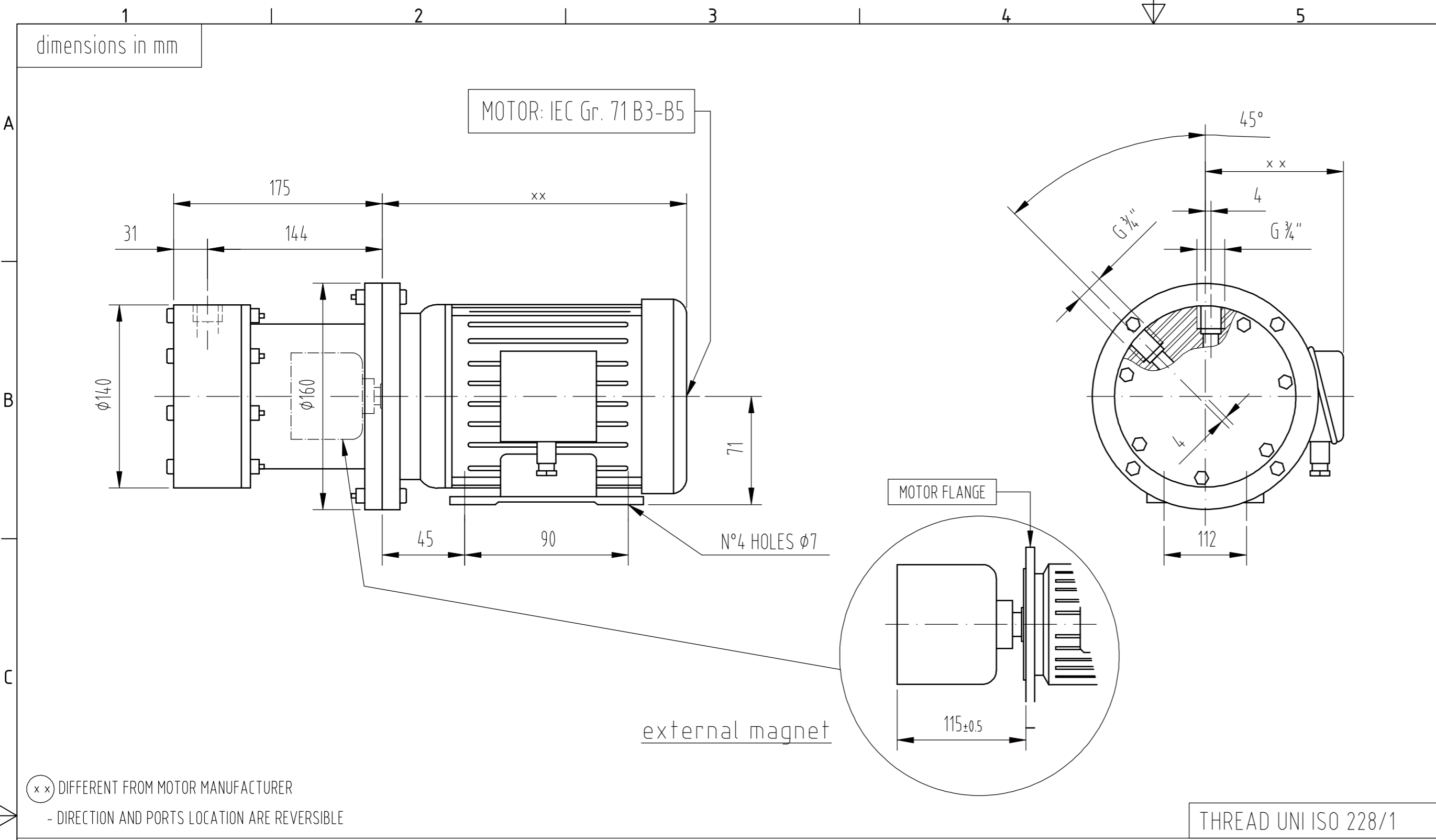


REF	DESCRIPTION	MATERIAL	CODE
10	Containment shell	PP	
20	Ext. Magnet	NeFeB/ Carbon Steel	
30	Int. Magnet	PP/NeFeB	
40	Impeller	PVDF	
50	O-Ring 4362 (239)	EPDM	
62	Rear Ring	PP	
63	Front Ring	PP	
70	Shafts	Ceramic	
75	Bearings	PTFEC	
78	Bracket (160-110-14)	PP	
85	Pump Casing	PP	
88	Rear Wet End (10+30+40+50+62+63+70+75)	/	
90	Wet End (10+30+40+50+62+63+70+75+85)	/	



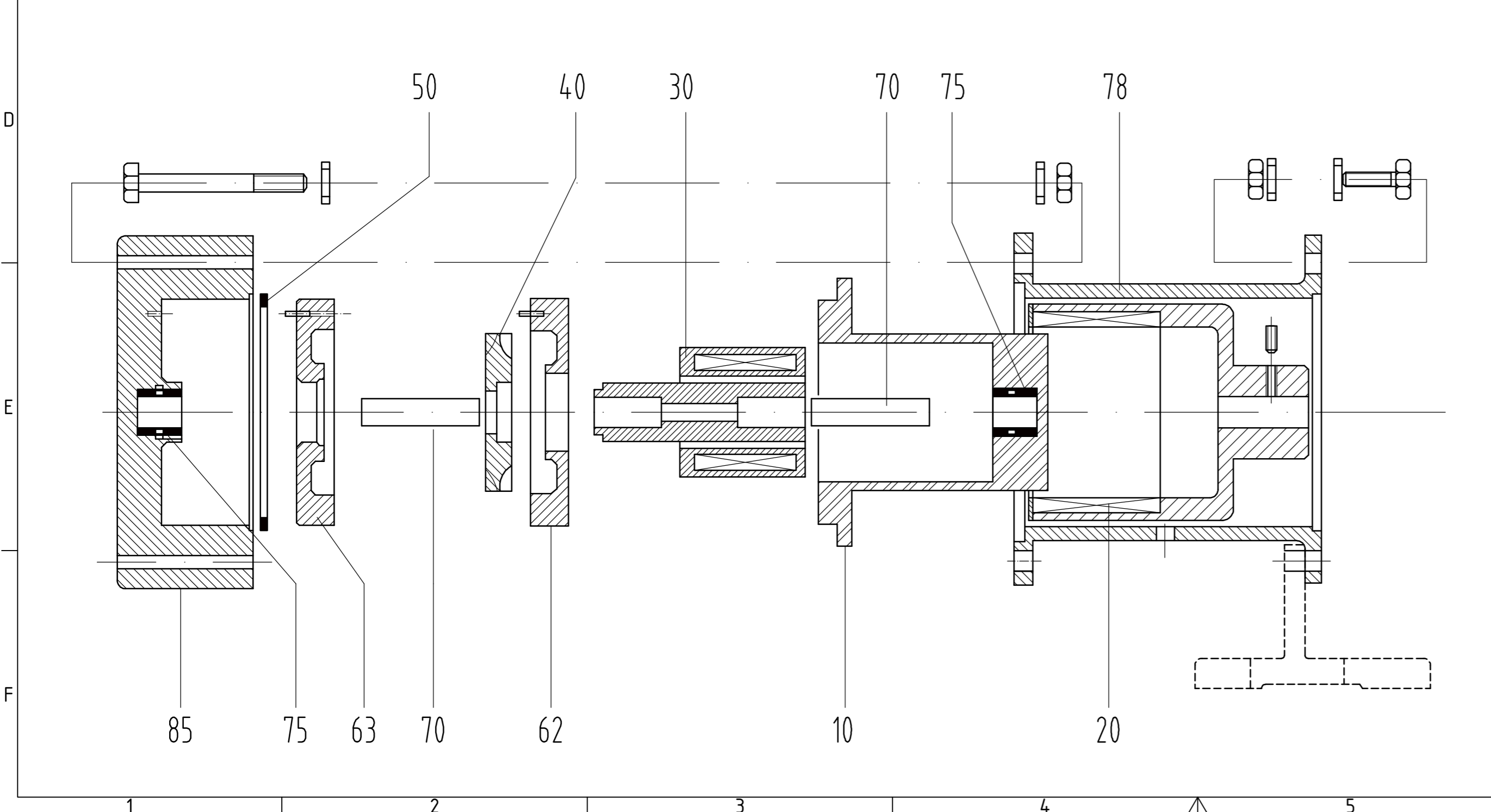
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			Alle Kanten gratfrei	
		Datum	Name	
		Gezeichnet	02.07.2019	Lach
		Kontrolliert		
		Norm		
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				DPCA-3003-P-F-IEC71
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Status	Änderungen	Datum	Name	



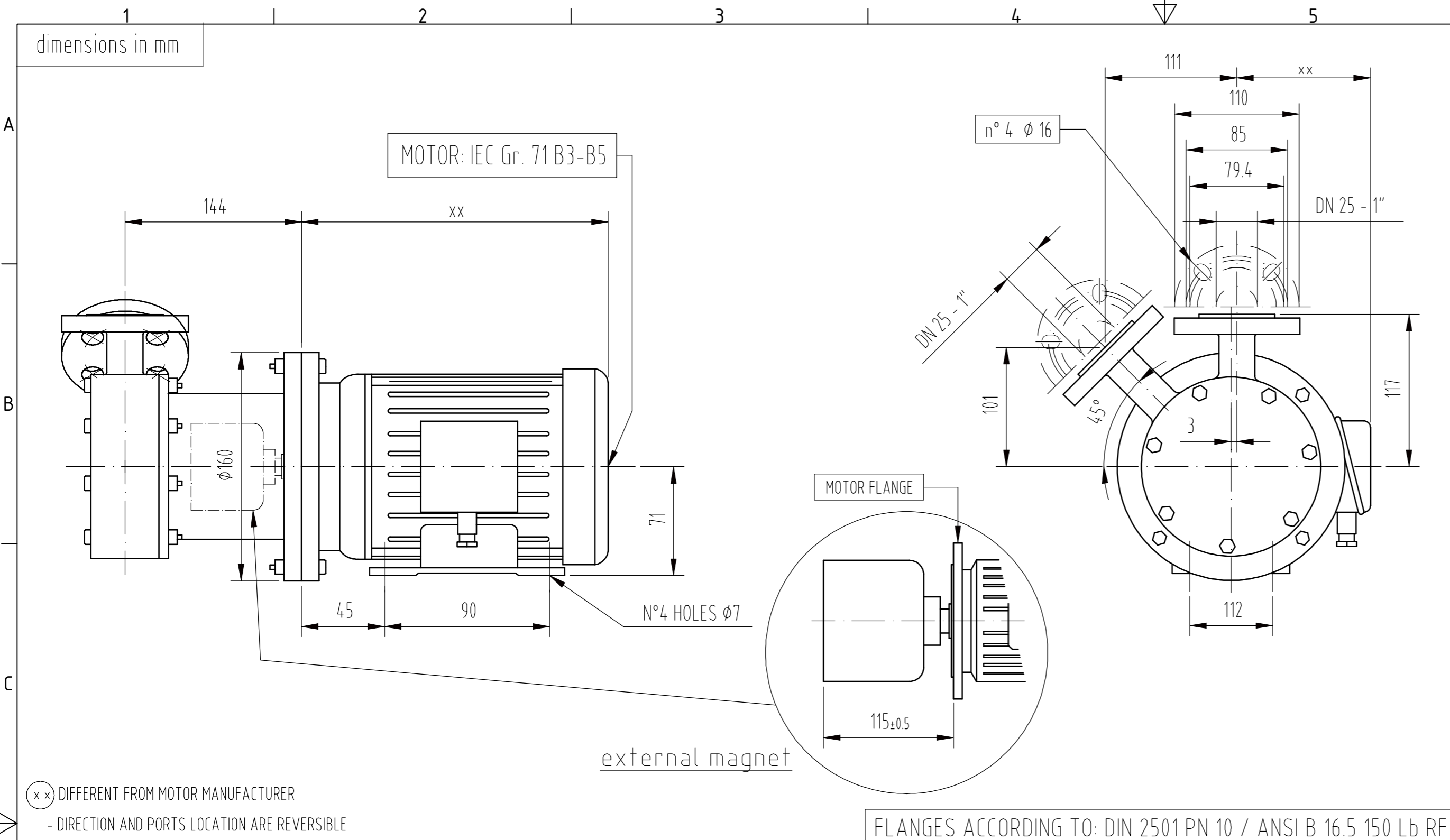
REF	DESCRIPTION	MATERIAL	CODE
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20	Ext. Magnet	NeFeB/ Carbon Steel	
30	Int. Magnet	PP/NeFeB	
40	Impeller	PVDF	
50	O-Ring 4362 (239)	EPDM	
62	Rear Ring	PP	
63	Front Ring	PP	
70	Shafts	Ceramic	
75	Bearings	PTFEC	
78	Bracket (160-110-14)	PP	
85	Pump Casing	PP	
88	Rear Wet End (10+30+40+50+62+63+70+75)	/	
90	Wet End (10+30+40+50+62+63+70+75+85)	/	

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- DIRECTION AND PORTS LOCATION ARE REVERSIBLE

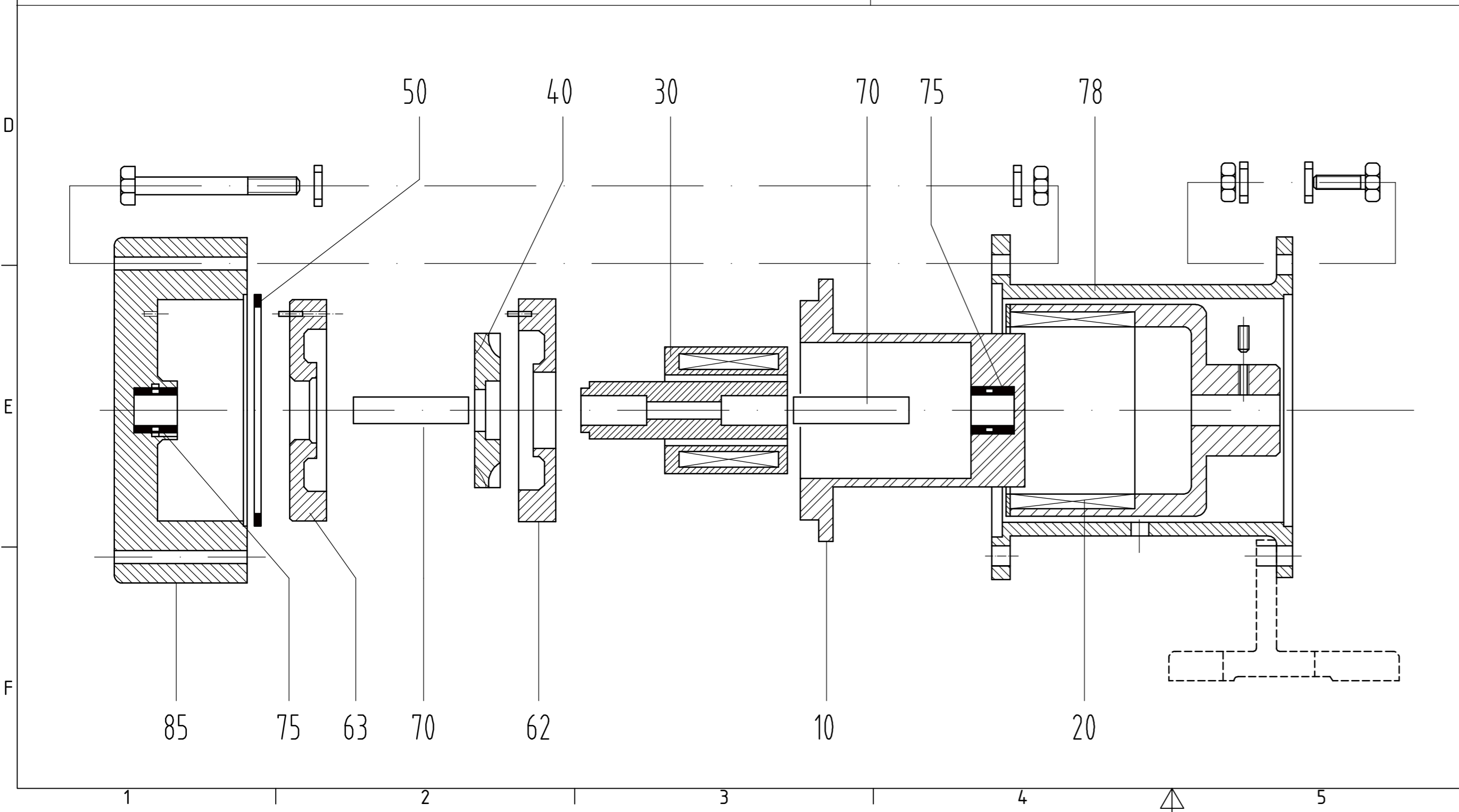


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			Alle Kanten gratfrei	
		Datum	Name	
		Gezeichnet	02.07.2019	Lach
		Kontrolliert		
		Norm		
			Series MT	
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Status	Änderungen	Datum	Name	

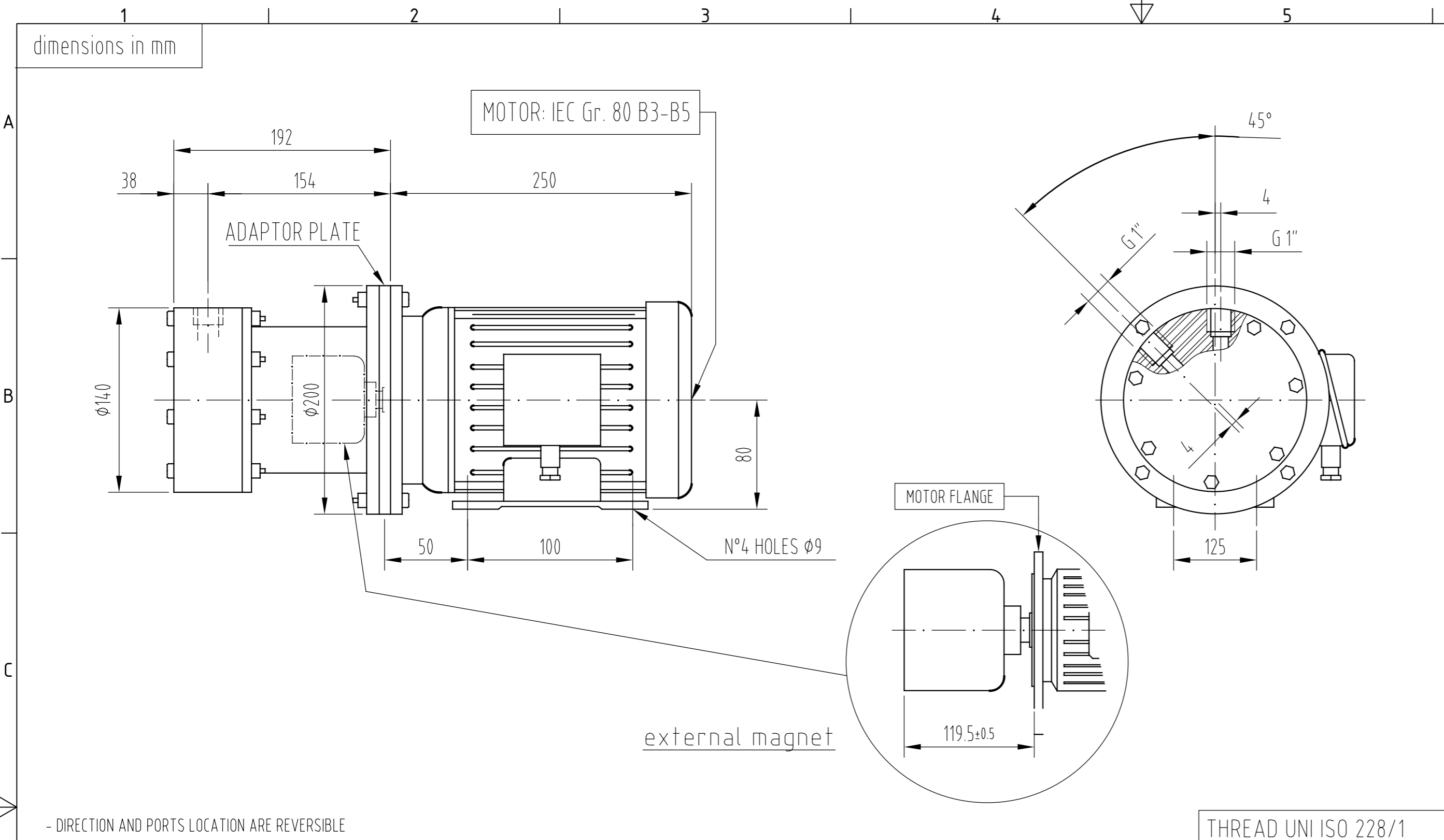


REF	DESCRIPTION	MATERIAL	CODE
10	Containment shell	PP	A
20	Ext. Magnet	NeFeB/ Carbon Steel	
30	Int. Magnet	PP/NeFeB	
40	Impeller	PVDF	
50	O-Ring 4362 (239)	EPDM	
62	Rear Ring	PP	
63	Front Ring	PP	B
70	Shafts	Ceramic	
75	Bearings	PTFEC	
78	Bracket (160-110-14)	PP	
85	Pump Casing	PP	
88	Rear Wet End (10+30+40+50+62+63+70+75)	/	C
90	Wet End (10+30+40+50+62+63+70+75+85)	/	

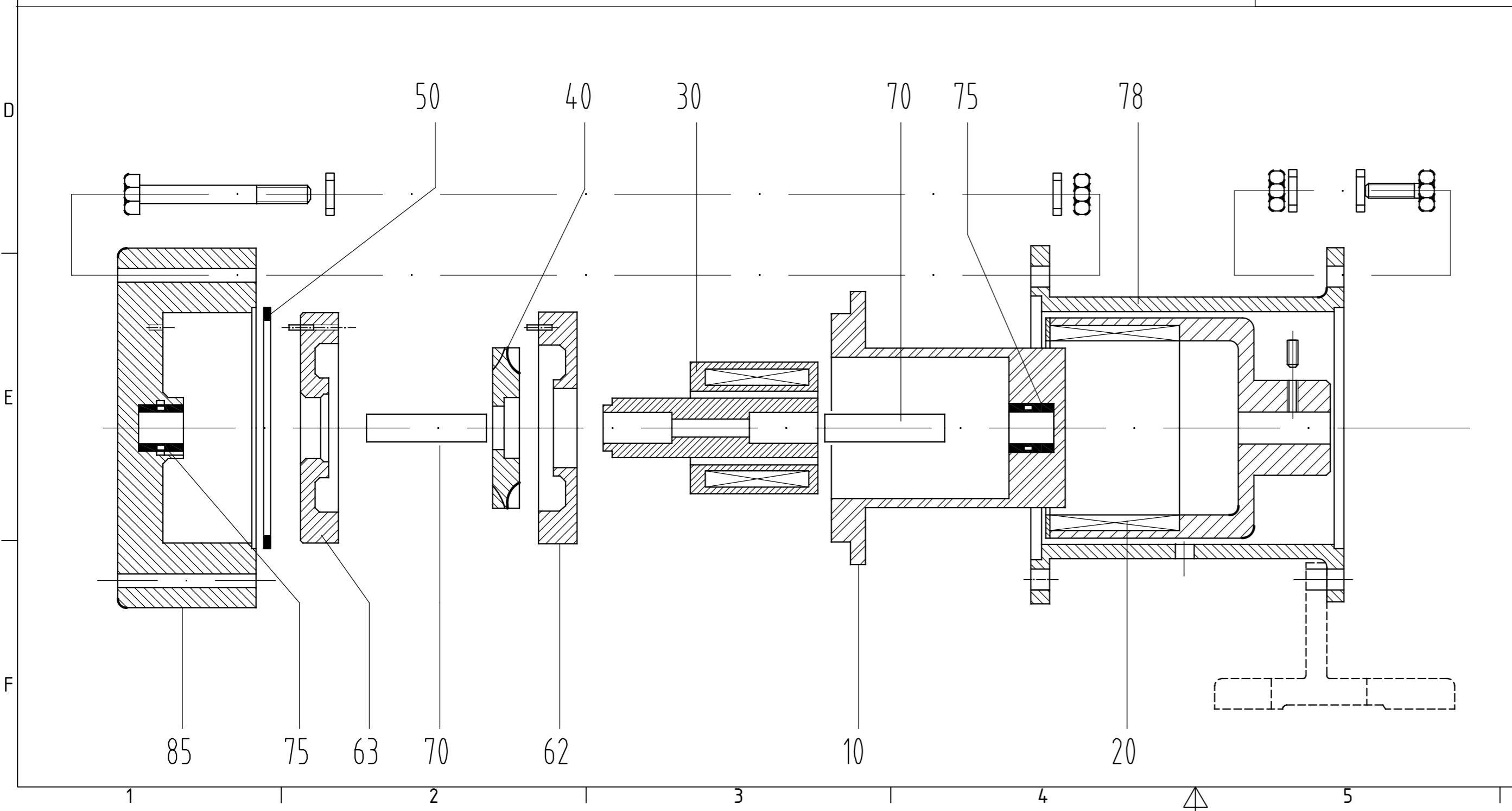


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			Alle Kanten gratfrei			
		Datum	Name	Series MT MT 5002 P_F - IEC71 DPCA-5002-P-F-IEC71		
		Gezeichnet	02.07.2019			Lach
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		Norm			1	
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Status	Änderungen	Datum	Name			

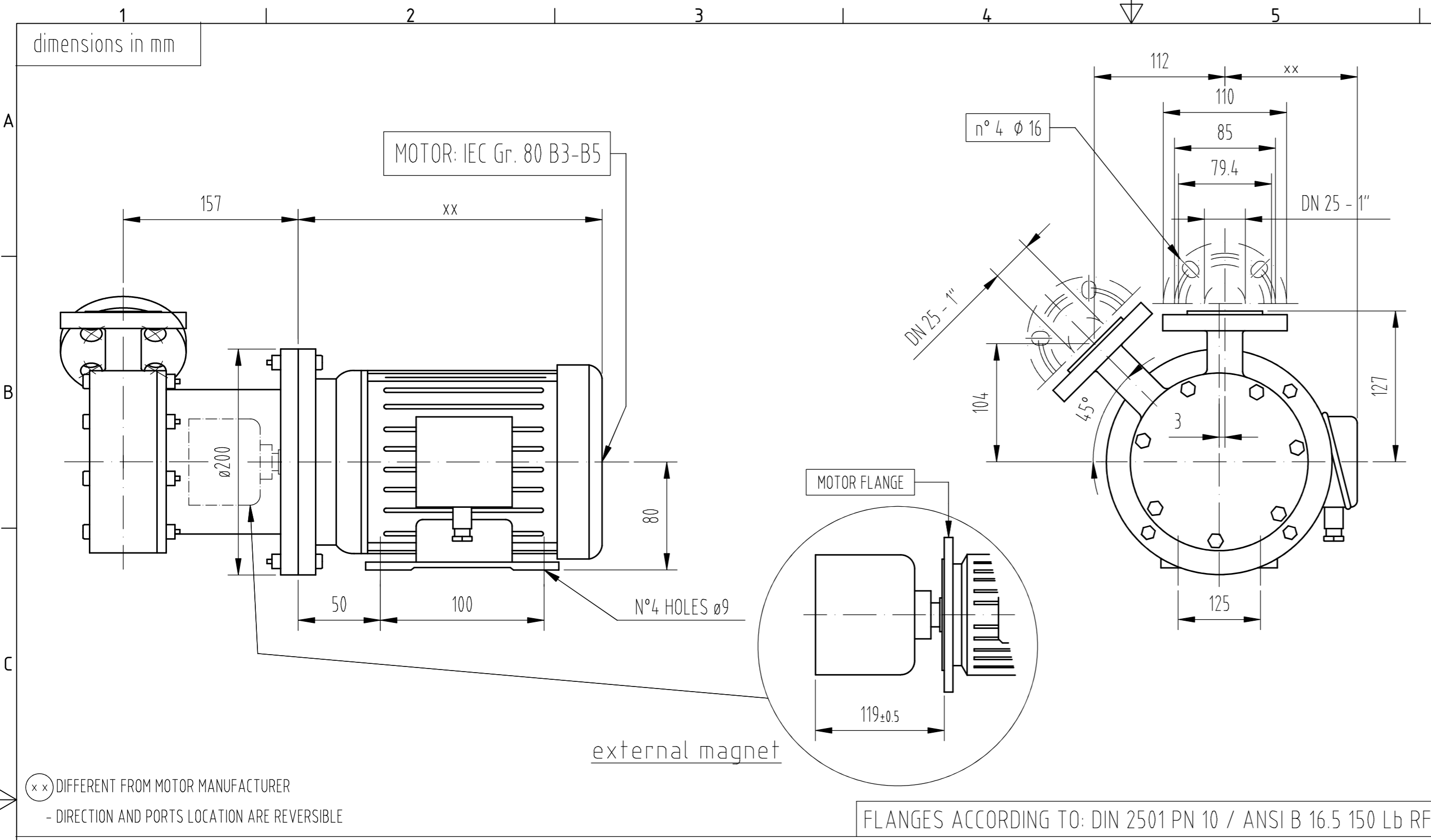


REF	DESCRIPTION	MATERIAL	CODE
10	Containment shell	PP	
20	Ext. Magnet	NeFeB/ Carbon Steel	
30	Int. Magnet	PP/NeFeB	
40	Impeller	PVDF	
50	O-Ring 4362 (239)	EPDM	
62	Rear Ring	PP	
63	Front Ring	PP	
70	Shafts	SIC	
75	Bearings	PTFEC	
78	Bracket + Adaptor Plate (200-130-19)	CAST IRON	
85	Pump Casing	PP	
88	Rear Wet End (10+30+40+50+62+63+70+75)	/	
90	Wet End (10+30+40+50+62+63+70+75+85)	/	



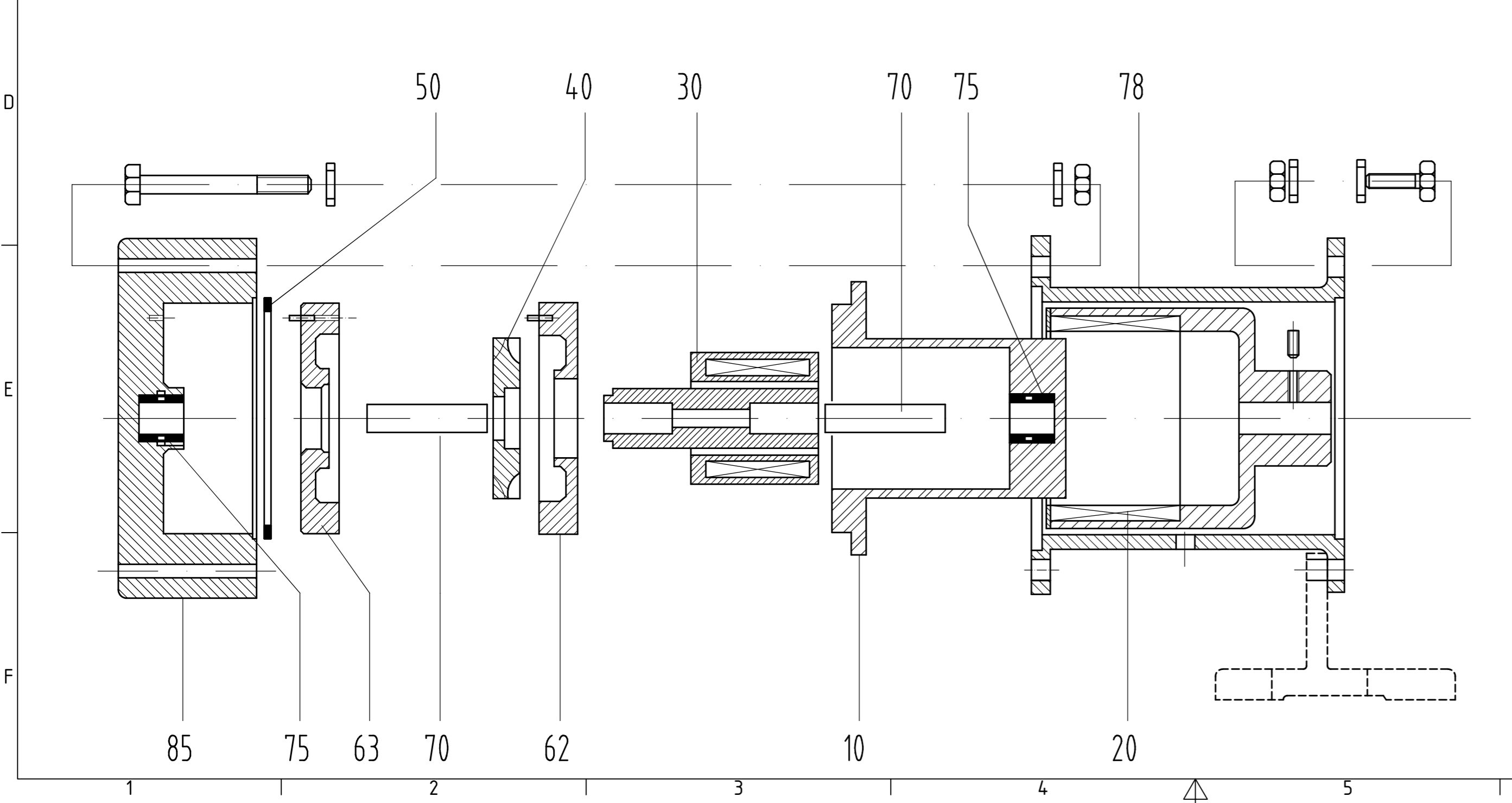
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	Gezeichnet 02.07.2019 Kontrolliert Norm	Datum 02.07.2019 Name Lach		Series MT MT 5002 P_R - IEC80	
DPCA-5002-P-R-IEC80		Status Änderungen Datum Name			



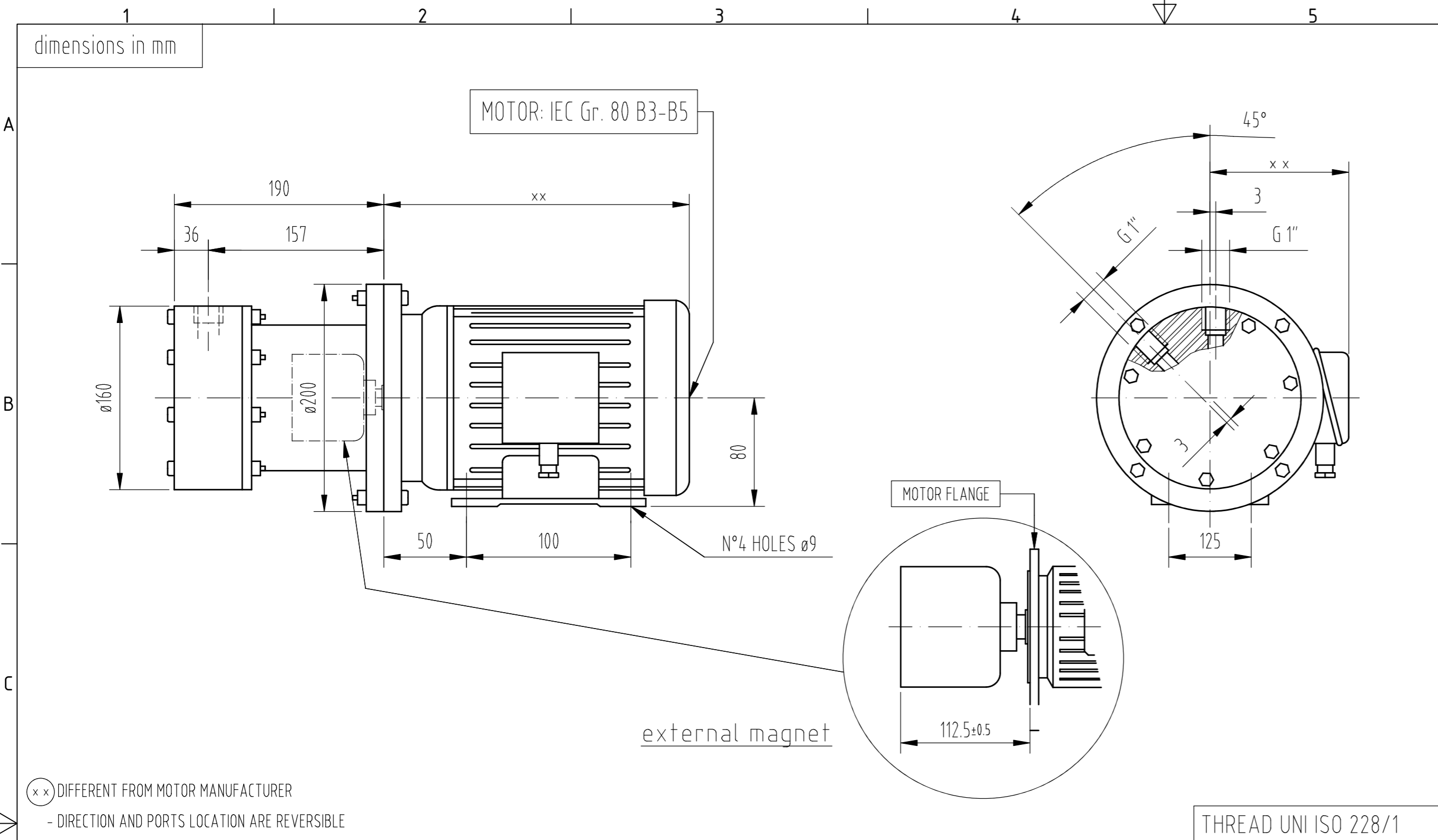
REF	DESCRIPTION	MATERIAL	CODE
10	Containment shell	PP	
20	Ext. Magnet	NeFeB/ Carbon Steel	
30	Int. Magnet	PP/NeFeB	
40	Impeller	PVDF	
50	O-Ring 4412 (243)	EPDM	
62	Rear Ring	PP	
63	Front Ring	PP	
70	Shafts	Ceramic	
75	Bearings	PTFEC	
78	Bracket (200-130-19)	CAST IRON	
85	Pump Casing	PP	
88	Rear Wet End (10+30+40+50+62+63+70+75)	/	
90	Wet End (10+30+40+50+62+63+70+75+85)	/	

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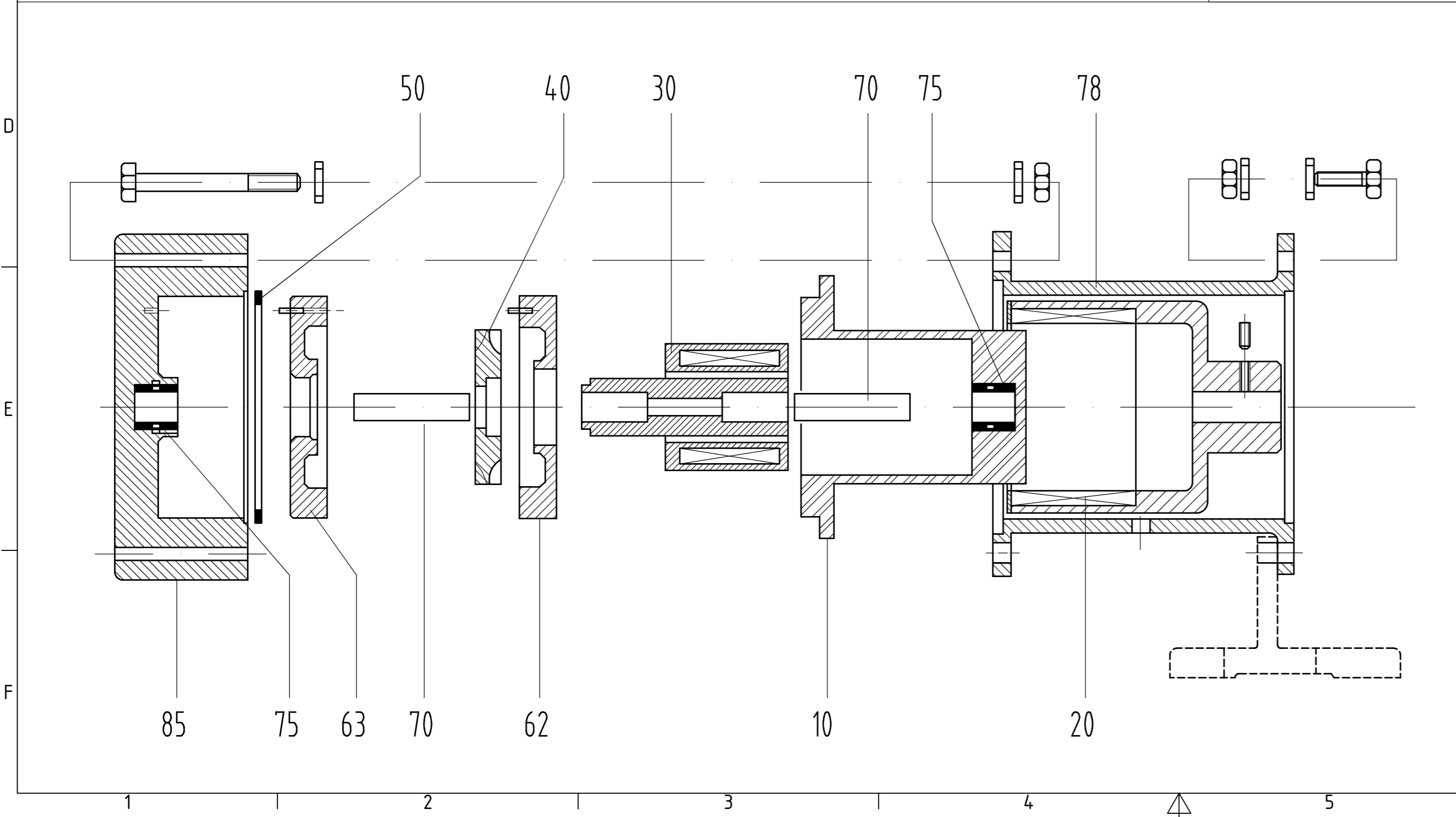
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	Gezeichnet Kontrolliert Norm	Datum 02.07.2019		Name Lach	Series MT MT 5003 P_F - IEC80
			DPCA-5003-P-F-IEC80		1 A2
Status	Änderungen	Datum	Name		



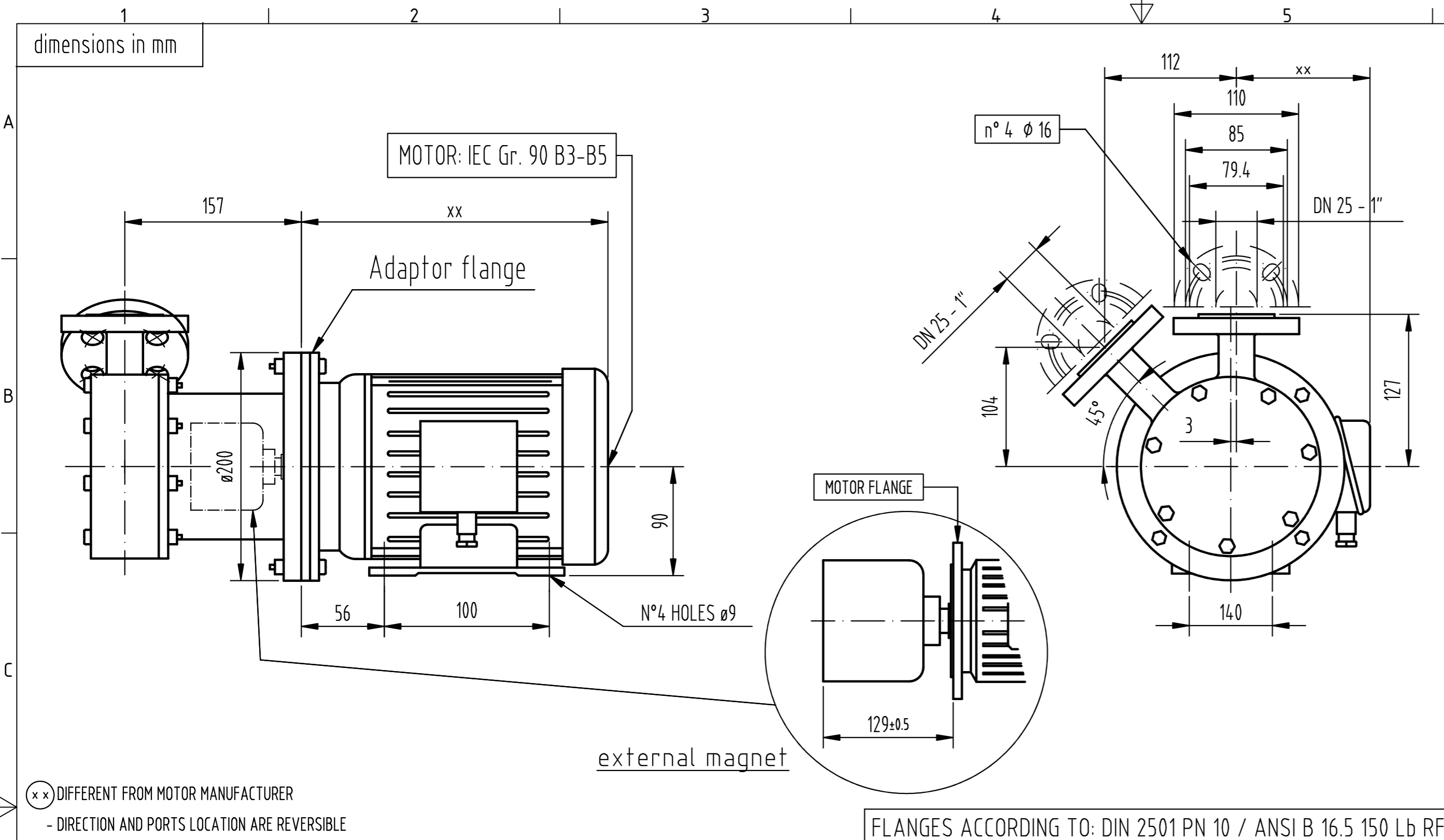
REF	DESCRIPTION	MATERIAL	CODE
10	Containment shell		
20	Ext. Magnet		
30	Int. Magnet		
40	Impeller		
50	O-Ring 4412 (243)		
62	Rear Ring		
63	Front Ring		
70	Shafts		
75	Bearings		
78	Bracket (200-130-19)		
85	Pump Casing		
88	Rear Wet End (10+30+40+50+62+63+70+75)		
90	Wet End (10+30+40+50+62+63+70+75+85)		

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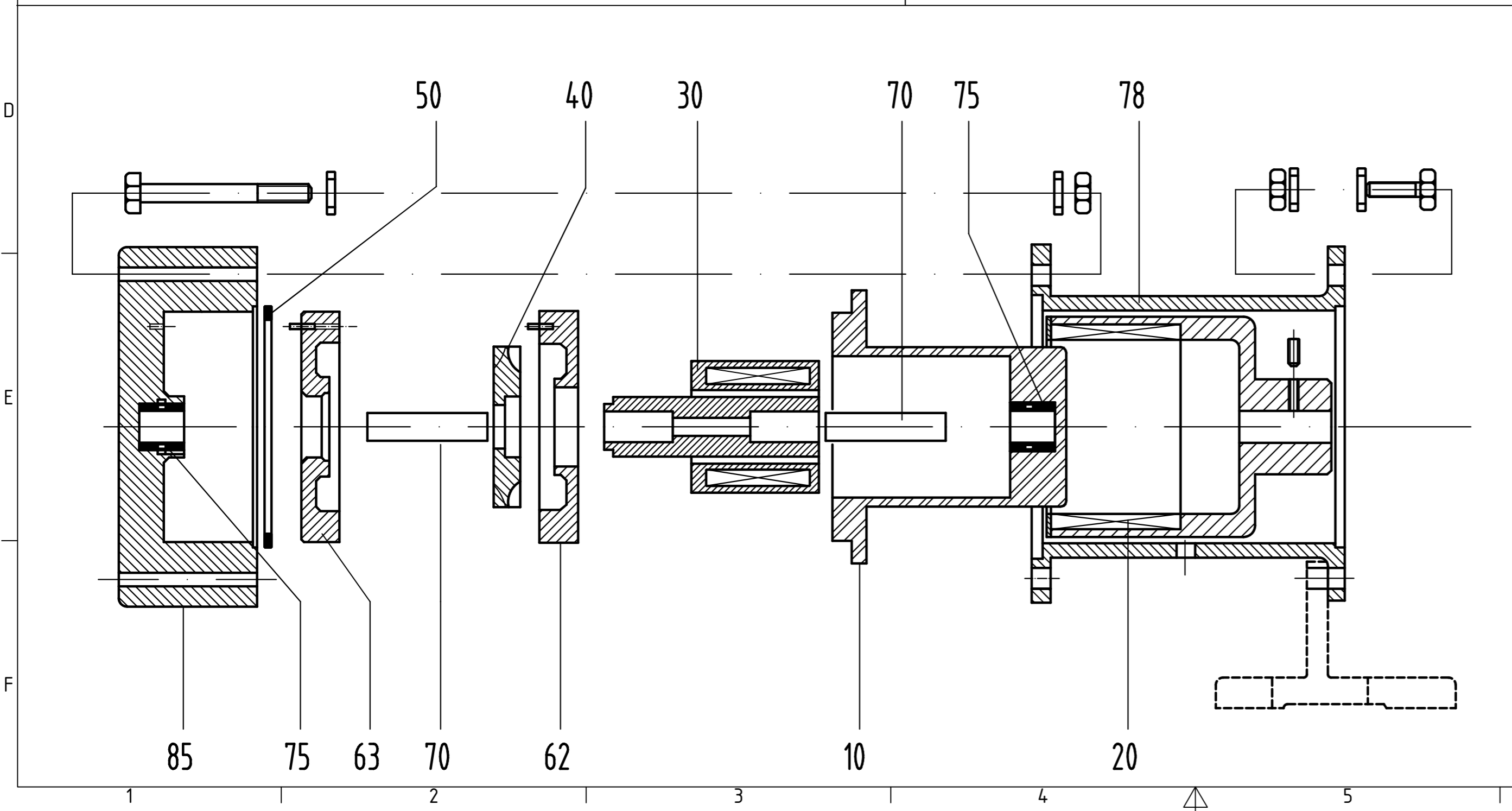
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			Alle Kanten gratfrei			
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Status	Änderungen	Datum	Name			



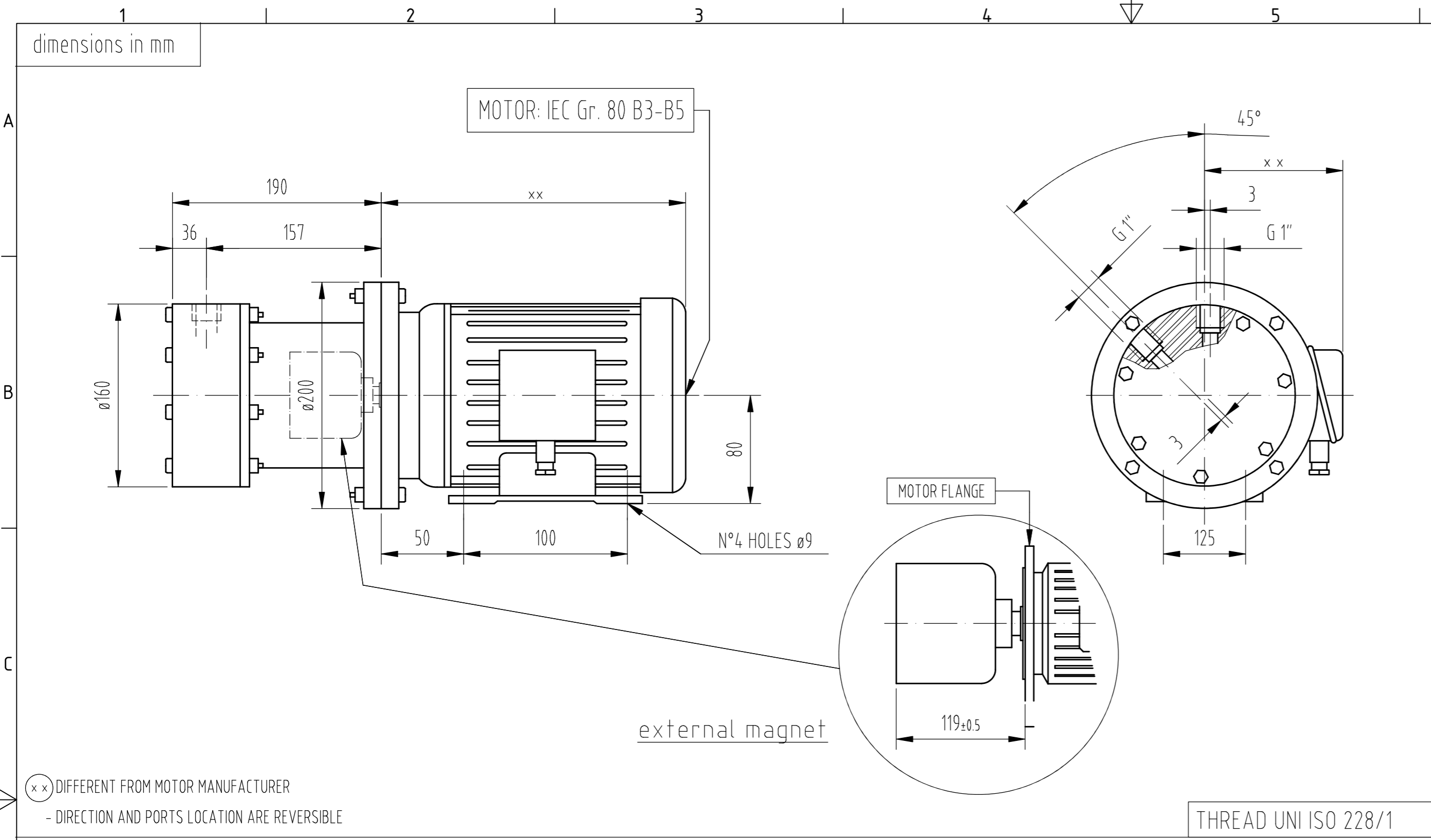
REF	DESCRIPTION	MATERIAL	CODE
10	Containment shell	PP	
20	Ext. Magnet	NeFeB/ Carbon Steel	
30	Int. Magnet	PP/NeFeB	
40	Impeller	PVDF	
50	O-Ring 4412 (243)	EPDM	
62	Rear Ring	PP	
63	Front Ring	PP	
70	Shafts	SIC	
75	Bearings	PTFEC	
78	Bracket + Adaptor flange (200-130-24)	CAST IRON	
85	Pump Casing	PP	
88	Rear Wet End (10+30+40+50+62+63+70+75)	/	
90	Wet End (10+30+40+50+62+63+70+75+85)	/	

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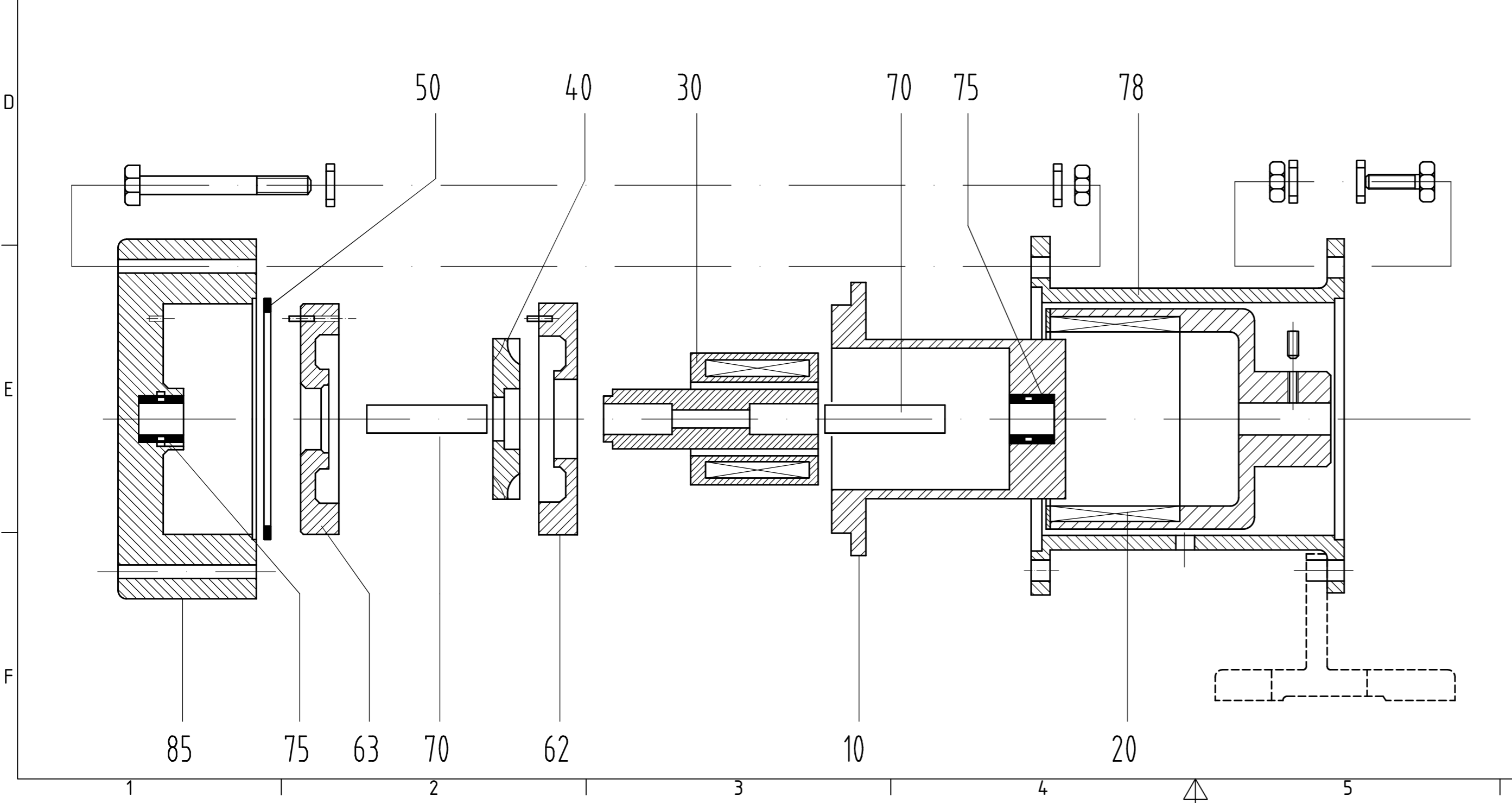


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			Datum: 02.07.2019 Name: Lach	Series MT MT 7002 P_F - IEC90
DPCA-7002-P-F-IEC90			1 / A2	
Status	Änderungen	Datum	Name	

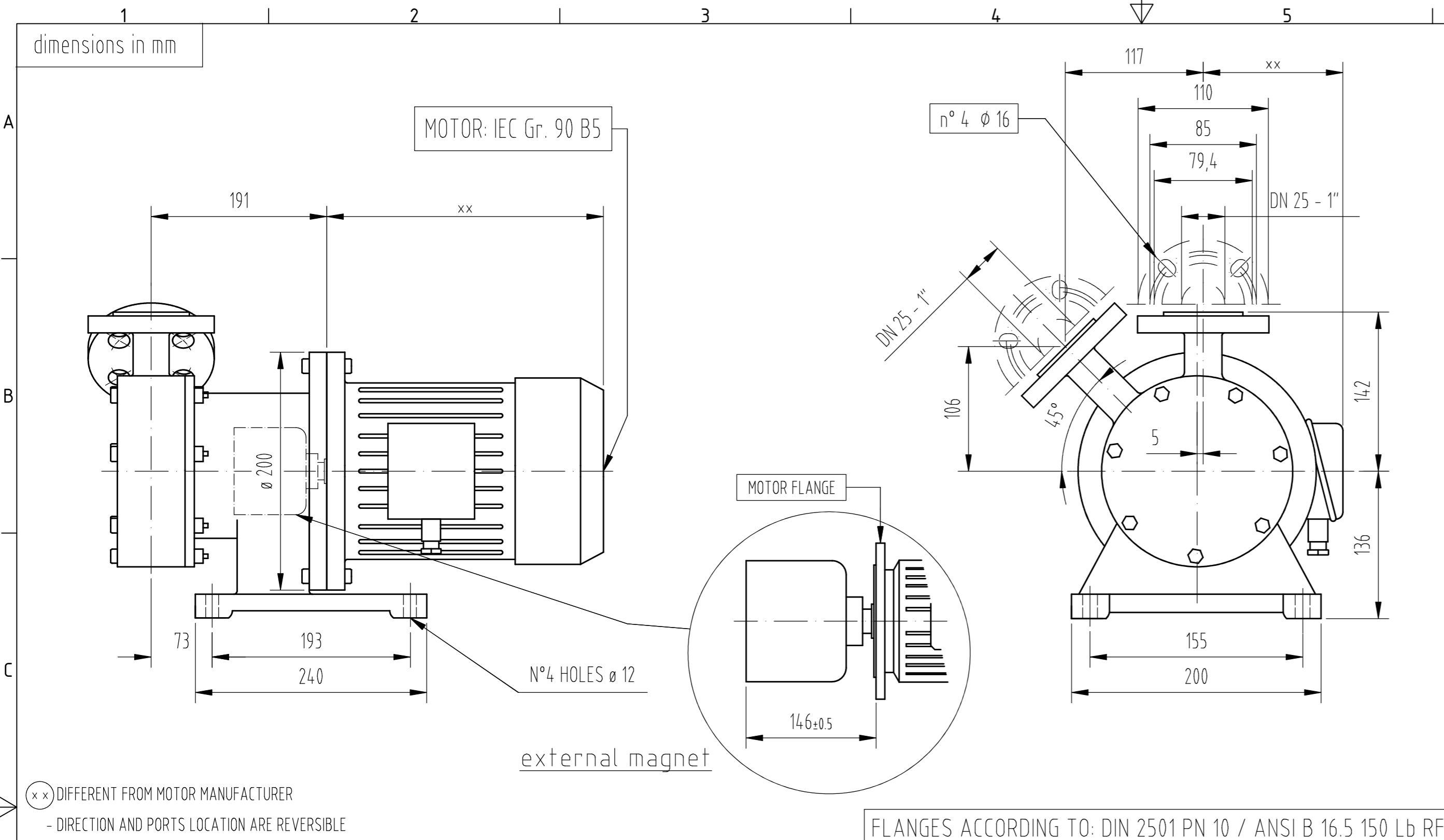


REF	DESCRIPTION	MATERIAL	CODE
10	Containment shell	PP	
20	Ext. Magnet	NeFeB/ Carbon Steel	
30	Int. Magnet	PP/NeFeB	
40	Impeller	PVDF	
50	O-Ring 4412 (243)	EPDM	
62	Rear Ring	PP	
63	Front Ring	PP	
70	Shafts	Ceramic	
75	Bearings	PTFEC	
78	Bracket (200-130-19)	CAST IRON	
85	Pump Casing	PP	
88	Rear Wet End (10+30+40+50+62+63+70+75)	/	
90	Wet End (10+30+40+50+62+63+70+75+85)	/	

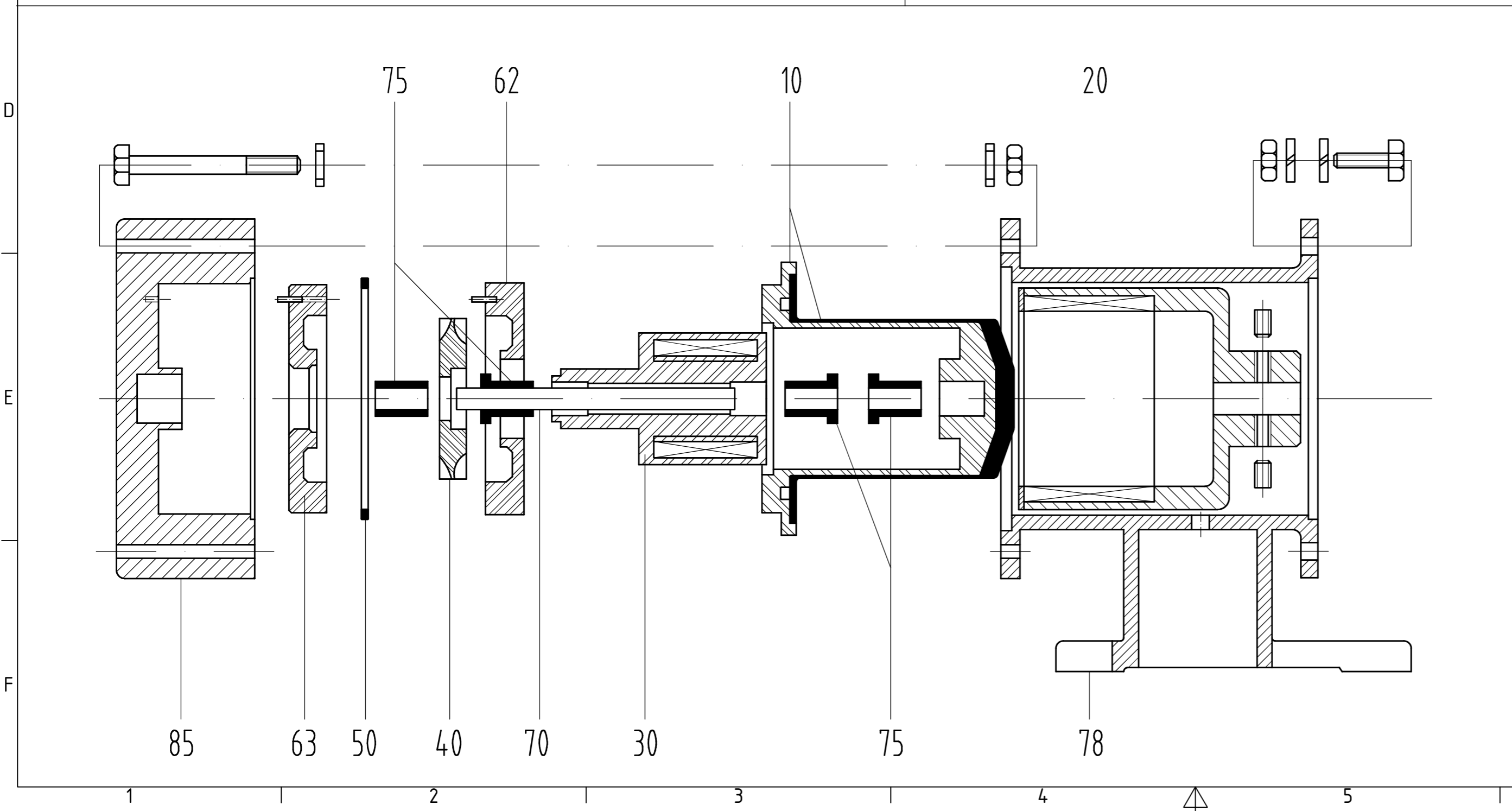


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		Alle Kanten gratfrei	
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		MT 7002 P_R - IEC80	
DPCA-7002-P-R-IEC80		1	A2
Status	Änderungen	Datum	Name

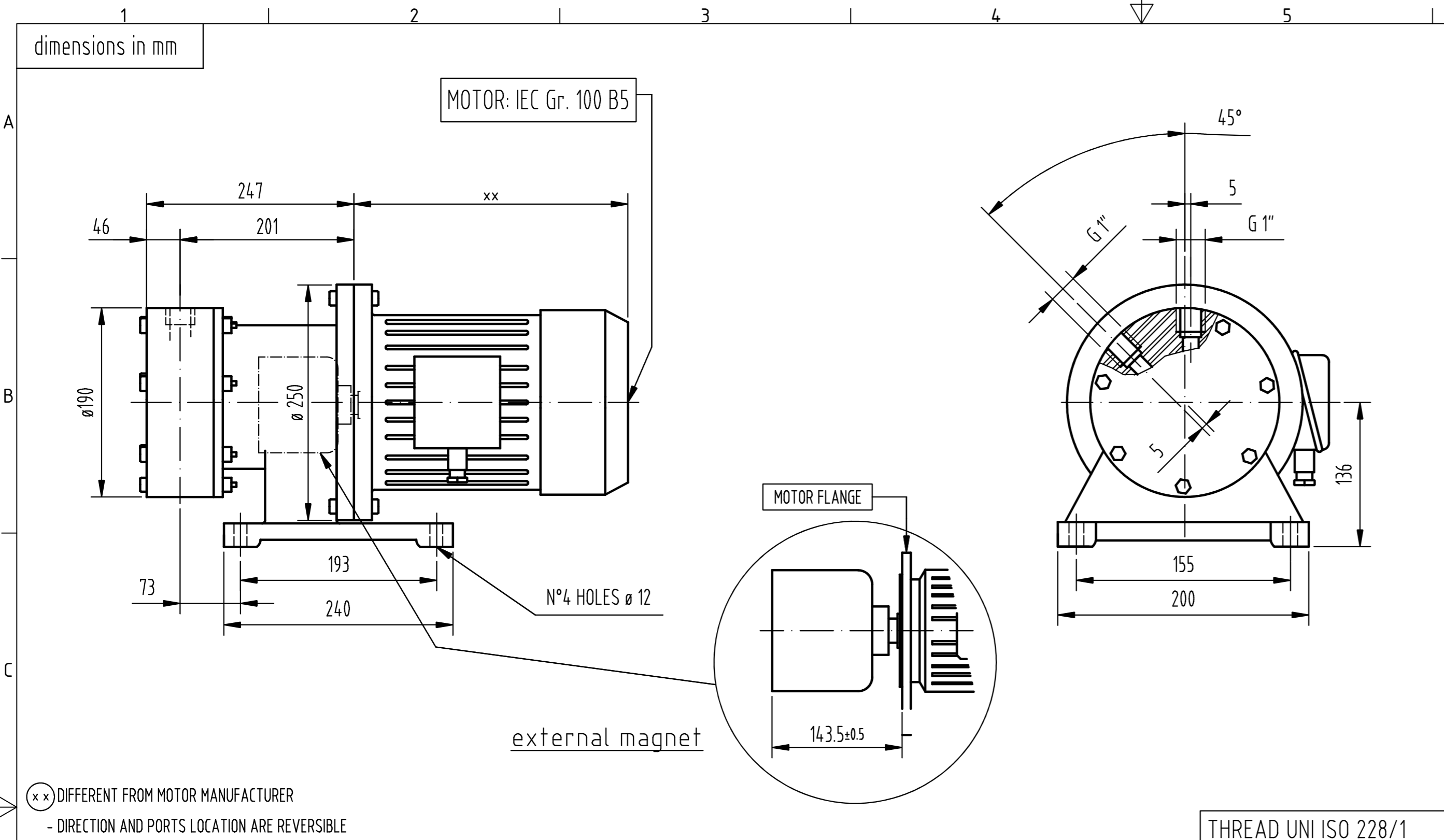


REF	DESCRIPTION	MATERIAL	CODE
10	Containment shell + Reinforc.	PP/ F.C.	
20	Ext. Magnet	NeFeB/ Carbon Steel	
30	Int. Magnet	PP/NeFeB	
40	Impeller	PVDF	
50	O-Ring 4575 (256)	EPDM	
62	Rear Ring	PP	
63	Front Ring	PP	
70	Shafts	Ceramic	
75	Bearings	PTFEC	
78	Bracket (200-130-24)	CAST IRON	
85	Pump Casing	PP	
88	Rear Wet End (10+30+40+50+62+63+70+75)	/	
90	Wet End (10+30+40+50+62+63+70+75+85)	/	



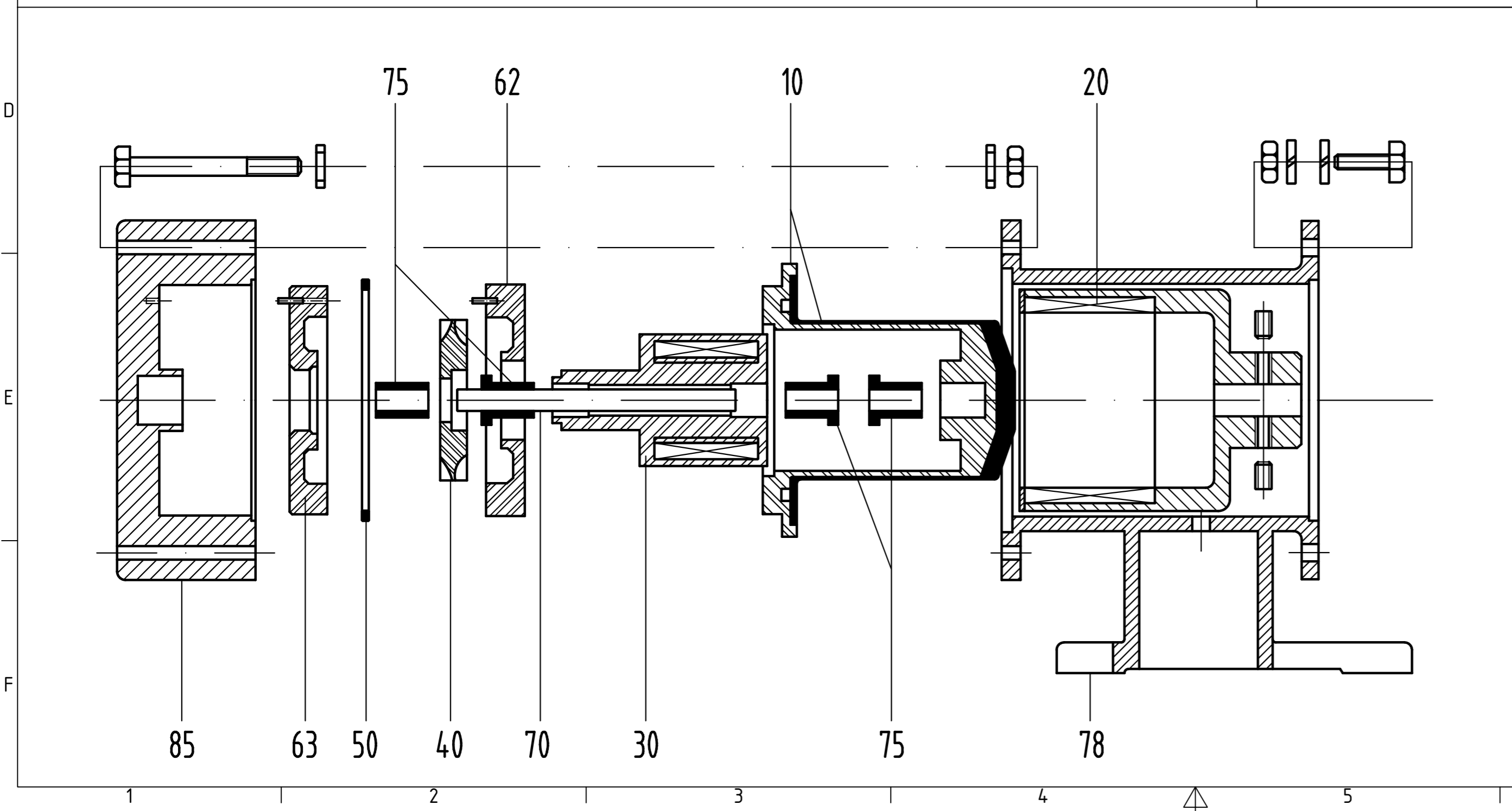
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			Alle Kanten gratfrei			
		Datum	Name	Series MT MT 7003 P_F - IEC90 DPCA-7003-P-F-IEC90		
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Status	Änderungen	Datum	Name			



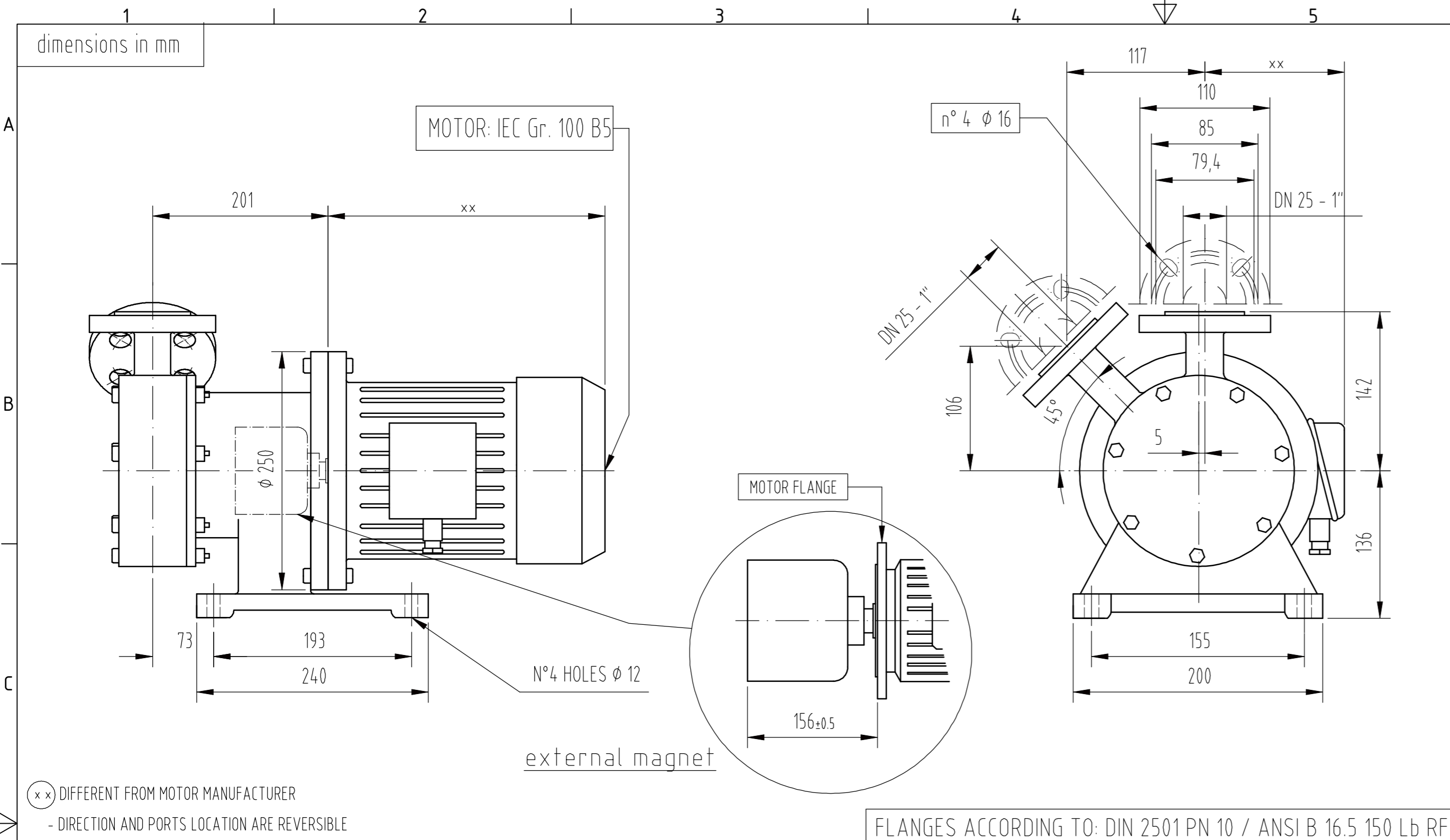
REF	DESCRIPTION	MATERIAL	CODE
10	Containment shell + Reinforc.	PP/ F.C.	
20	Ext. Magnet	NeFeB/ Carbon Steel	
30	Int. Magnet	PP/NeFeB	
40	Impeller	PVDF	
50	O-Ring 4575 (256)	EPDM	
62	Rear Ring	PP	
63	Front Ring	PP	
70	Shafts	Ceramic	
75	Bearings	PTFEC	
78	Bracket (250-180-28)	CAST IRON	
85	Pump Casing	PP	
88	Rear Wet End (10+30+40+50+62+63+70+75)	/	
90	Wet End (10+30+40+50+62+63+70+75+85)	/	

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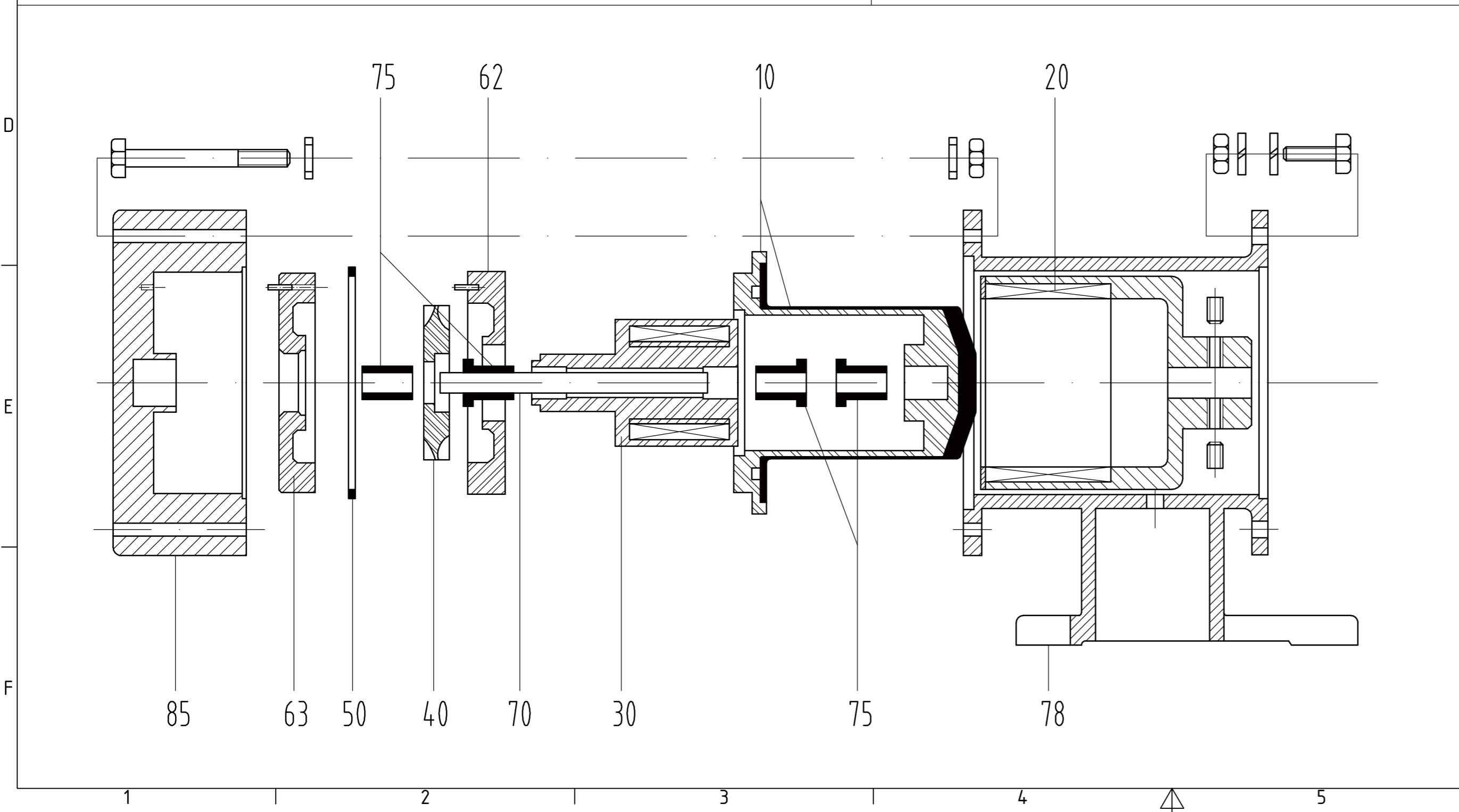


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			Alle Kanten gratfrei			
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Status	Änderungen	Datum	Name			

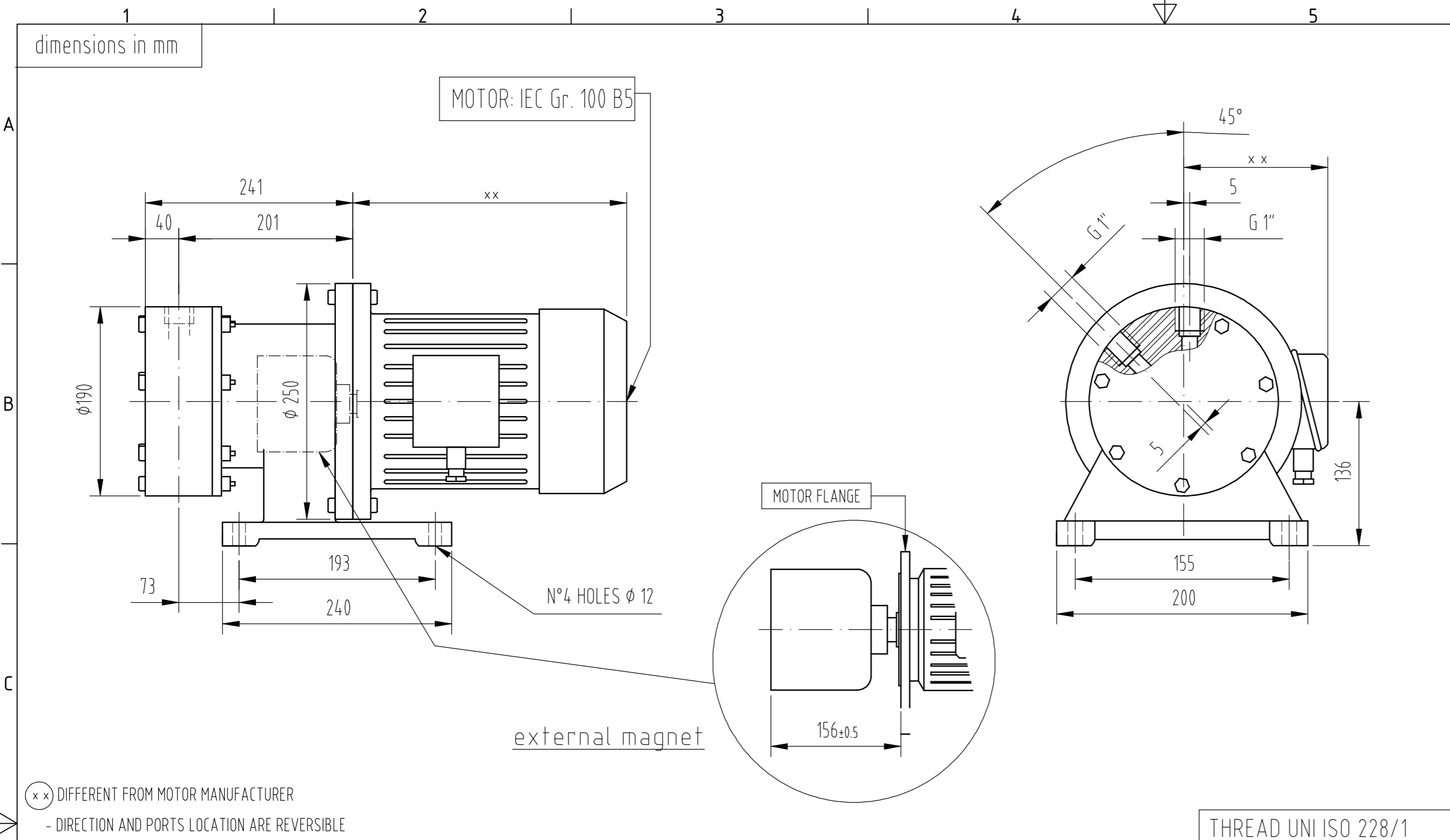


REF	DESCRIPTION	MATERIAL	CODE
10	Containment shell + Reinforc.	PP/ F.C.	
20	Ext. Magnet	NeFeB/ Carbon Steel	
30	Int. Magnet	PP/NeFeB	
40	Impeller	PVDF	
50	O-Ring 4575 (256)	EPDM	
62	Rear Ring	PP	
63	Front Ring	PP	
70	Shafts	Ceramic	
75	Bearings	PTFEC	
78	Bracket (250-180-28)	Cast Iron	
85	Pump Casing	PP	
88	Rear Wet End (10+30+40+50+62+63+70+75)	/	
90	Wet End (10+30+40+50+62+63+70+75+85)	/	

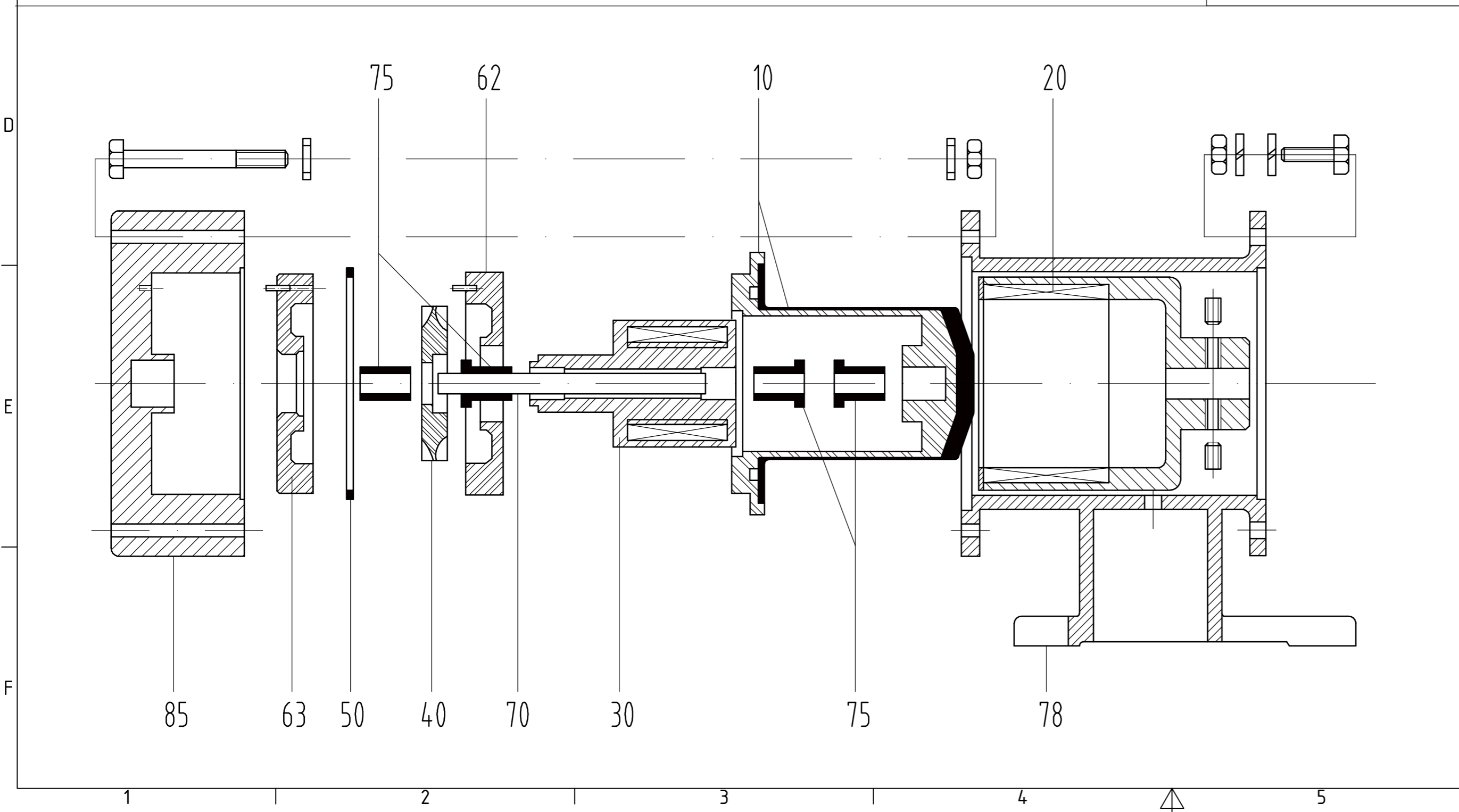


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	Gezeichnet 02.07.2019	Datum 02.07.2019		Name Lach	Series MT MT 9000 PPF
DPCA-9000-P-F			1 A2		
Status	Änderungen	Datum	Name		

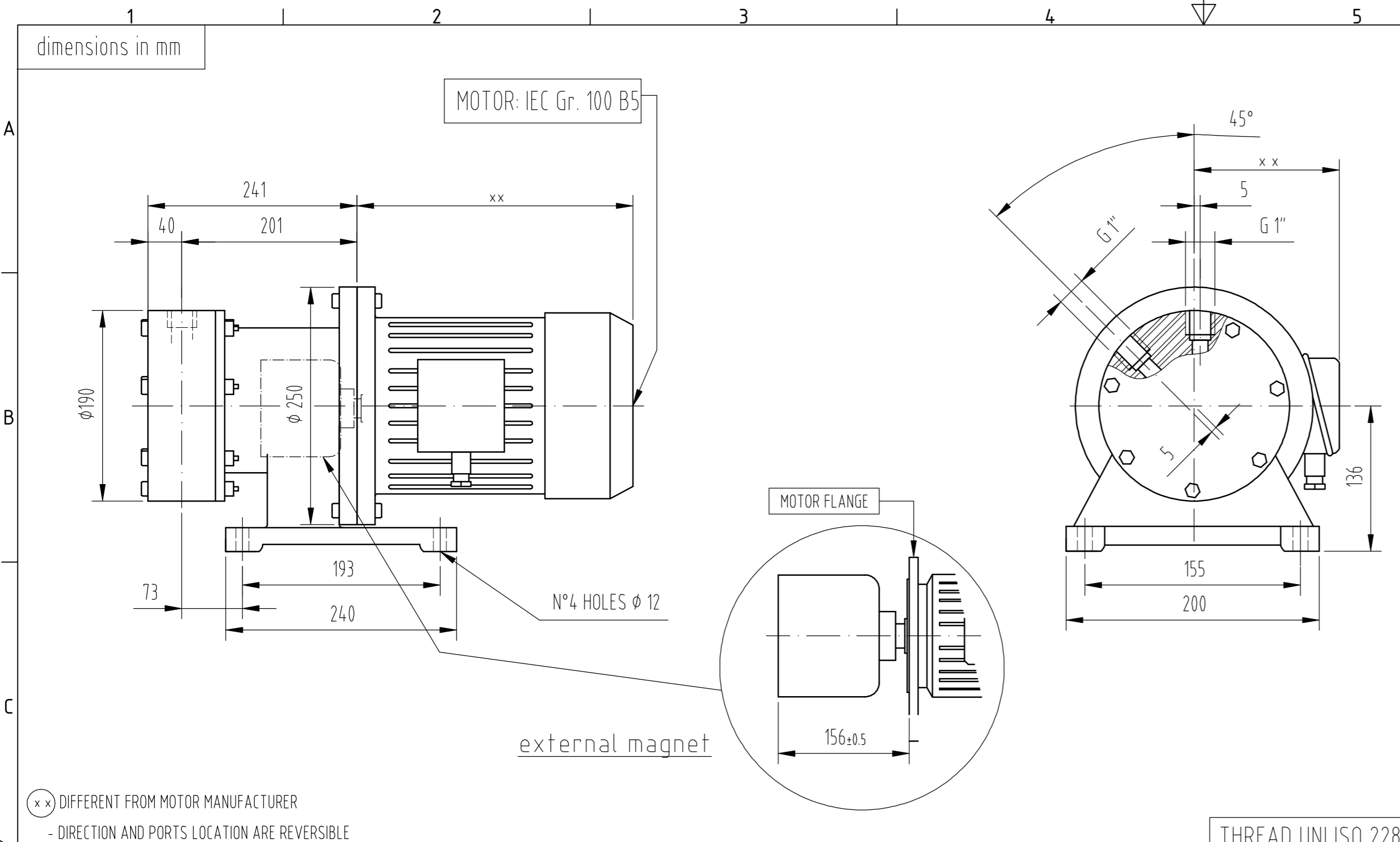


REF	DESCRIPTION	MATERIAL	CODE
10	Containment shell + Reinforc.	PP/ F.C.	
20	Ext. Magnet	NeFeB/ Carbon Steel	
30	Int. Magnet	PP/NeFeB	
40	Impeller	PVDF	
50	O-Ring 4575 (256)	EPDM	
62	Rear Ring	PP	
63	Front Ring	PP	
70	Shafts	Ceramic	
75	Bearings	PTFEC	
78	Bracket (250-180-28)	Cast Iron	
85	Pump Casing	PP	
88	Rear Wet End (10+30+40+50+62+63+70+75)	/	
90	Wet End (10+30+40+50+62+63+70+75+85)	/	

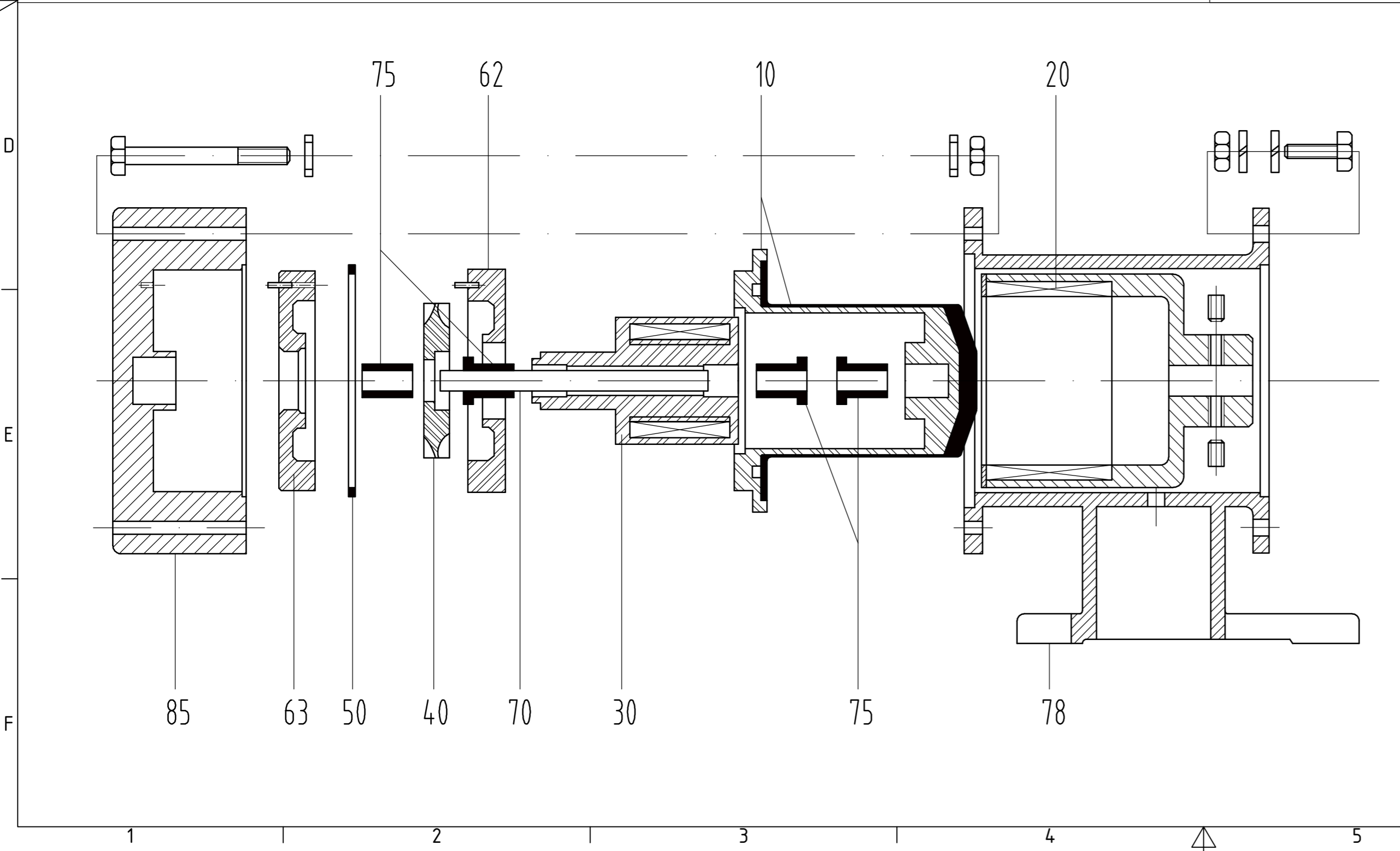


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		Gezeichnet	02.07.2019	Name	Lach
		Kontrolliert			
		Norm			
<p>Series MT MT 9000 P_R - IEC100</p>			<p>DPCA-9000-P-R-IEC100</p>		
Status	Änderungen	Datum	Name	1 A2	



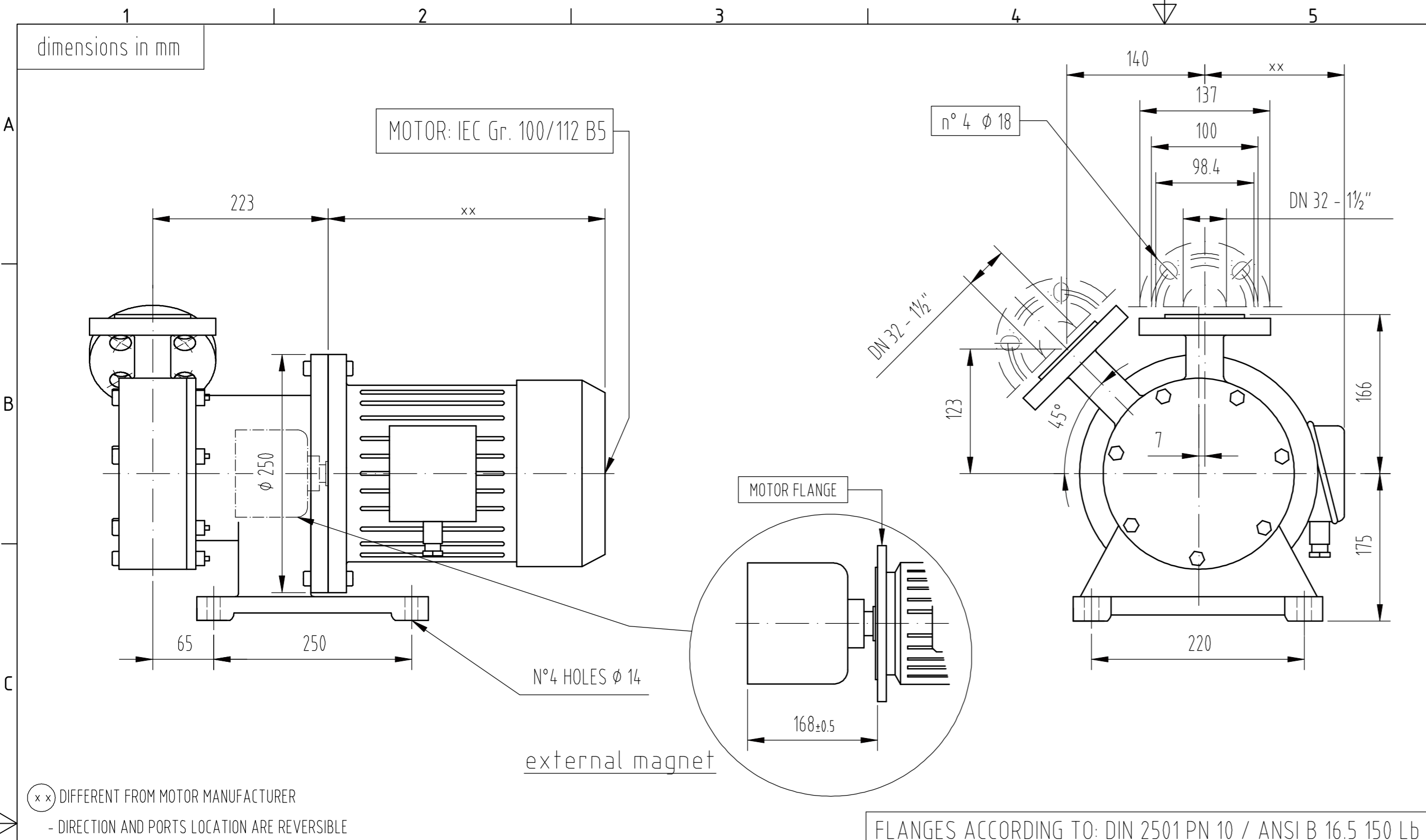
REF	DESCRIPTION	MATERIAL	CODE
10	Containment shell + Reinforc.		
20	Ext. Magnet		
30	Int. Magnet		
40	Impeller		
50	O-Ring 4575 (256)		
62	Rear Ring		
63	Front Ring		
70	Shafts		
75	Bearings		
78	Bracket (250-180-28)		
85	Pump Casing		
88	Rear Wet End (10+30+40+50+62+63+70+75)		
90	Wet End (10+30+40+50+62+63+70+75+85)		



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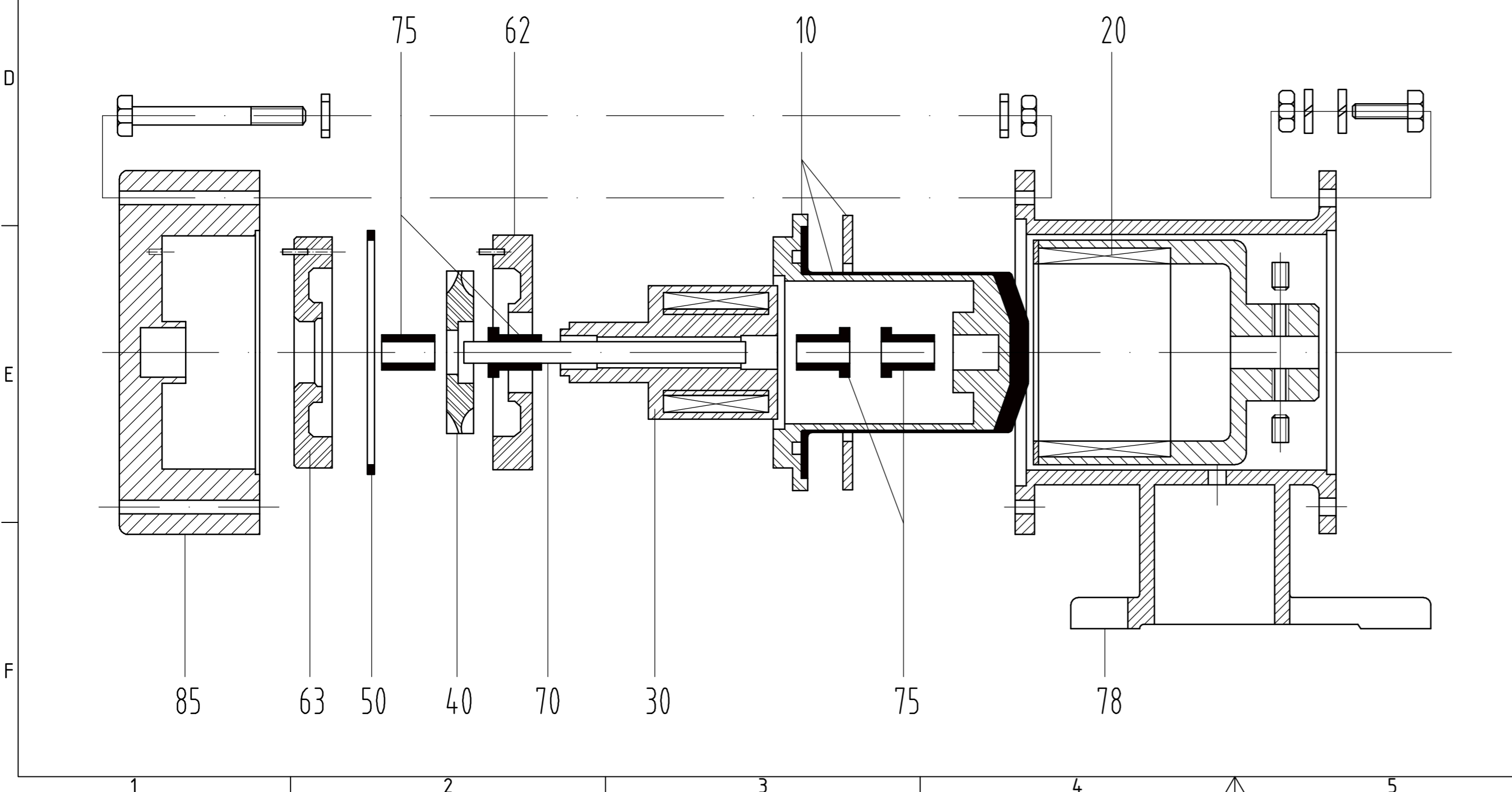
<p>MARCH PUMPEN GmbH & Co.KG Rühlensstraße 2 D-35394 Gießen info@march-pumpen.com www.march-pumpen.com</p>		Allgemeintoleranzen nach DIN ISO 2768-m Alle Kanten gratfrei	
		Datum	Name
		Gezeichnet 02.07.2019	Lach
<p>Series MT MT 9000 PPR/PVR - IEC100</p>		<p>DPCA-9000-P/K-R-100</p>	
Status	Änderungen	Datum	Name

1
A2



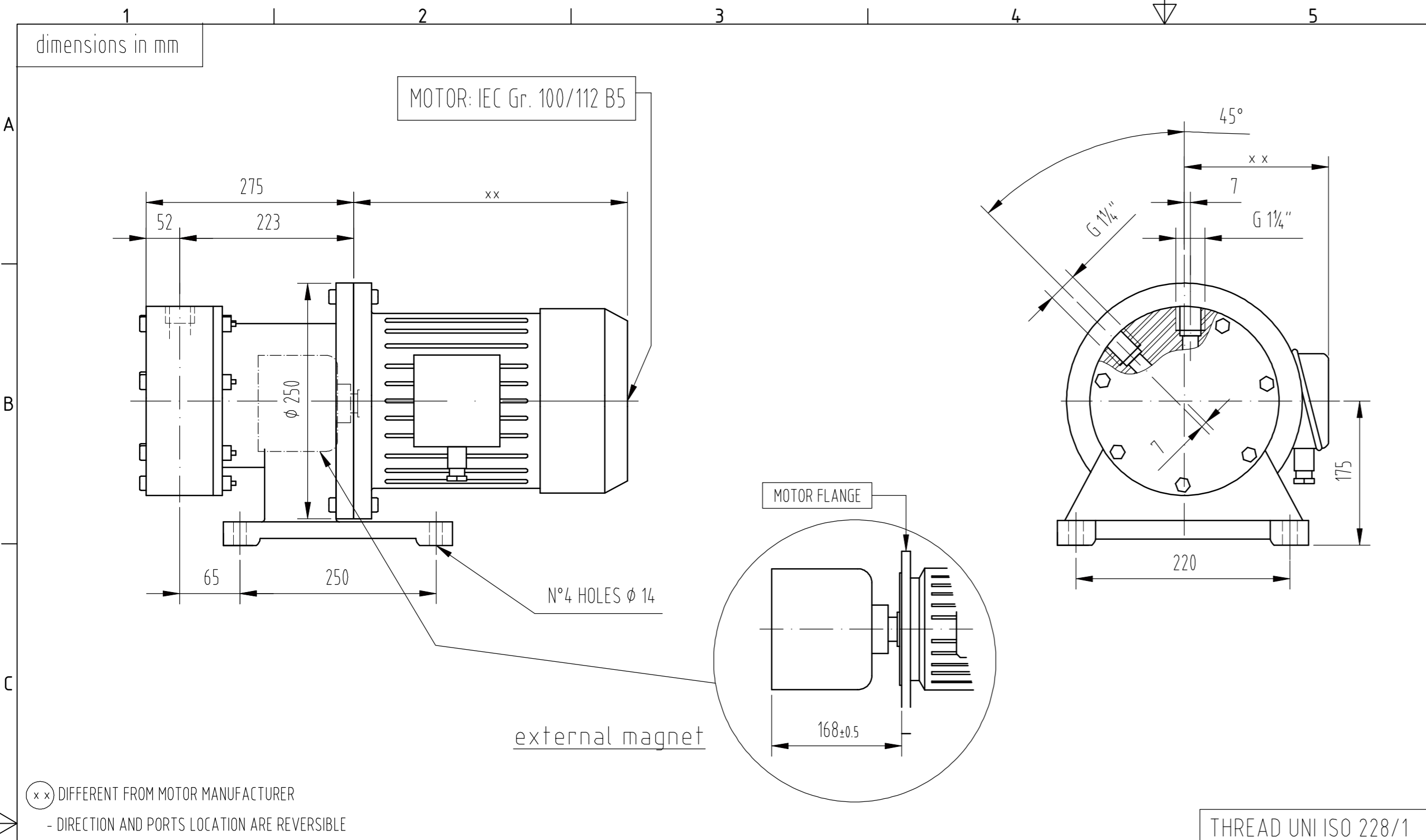
REF	DESCRIPTION	MATERIAL	CODE
10	Containment shell + Reinforc.	PP/ F.C.	
12	Rear Casing Flange	SS304	
20	Ext. Magnet	NeFeB/ Carbon Steel	
30	Int. Magnet	PP/NeFeB	
40	Impeller	PVDF	
50	O-Ring 228 (628)	EPDM	
62	Rear Ring	PP	
63	Front Ring	PP	
70	Shafts	Ceramic	
75	Bearings	PTFEC	
78	Bracket (250-180-28)	Cast Iron	
85	Pump Casing	PP	
88	Rear Wet End (10+30+40+50+62+63+70+75)	/	
90	Wet End (10+30+40+50+62+63+70+75+85)	/	

(xx) DIFFERENT FROM MOTOR MANUFACTURER
- DIRECTION AND PORTS LOCATION ARE REVERSIBLE

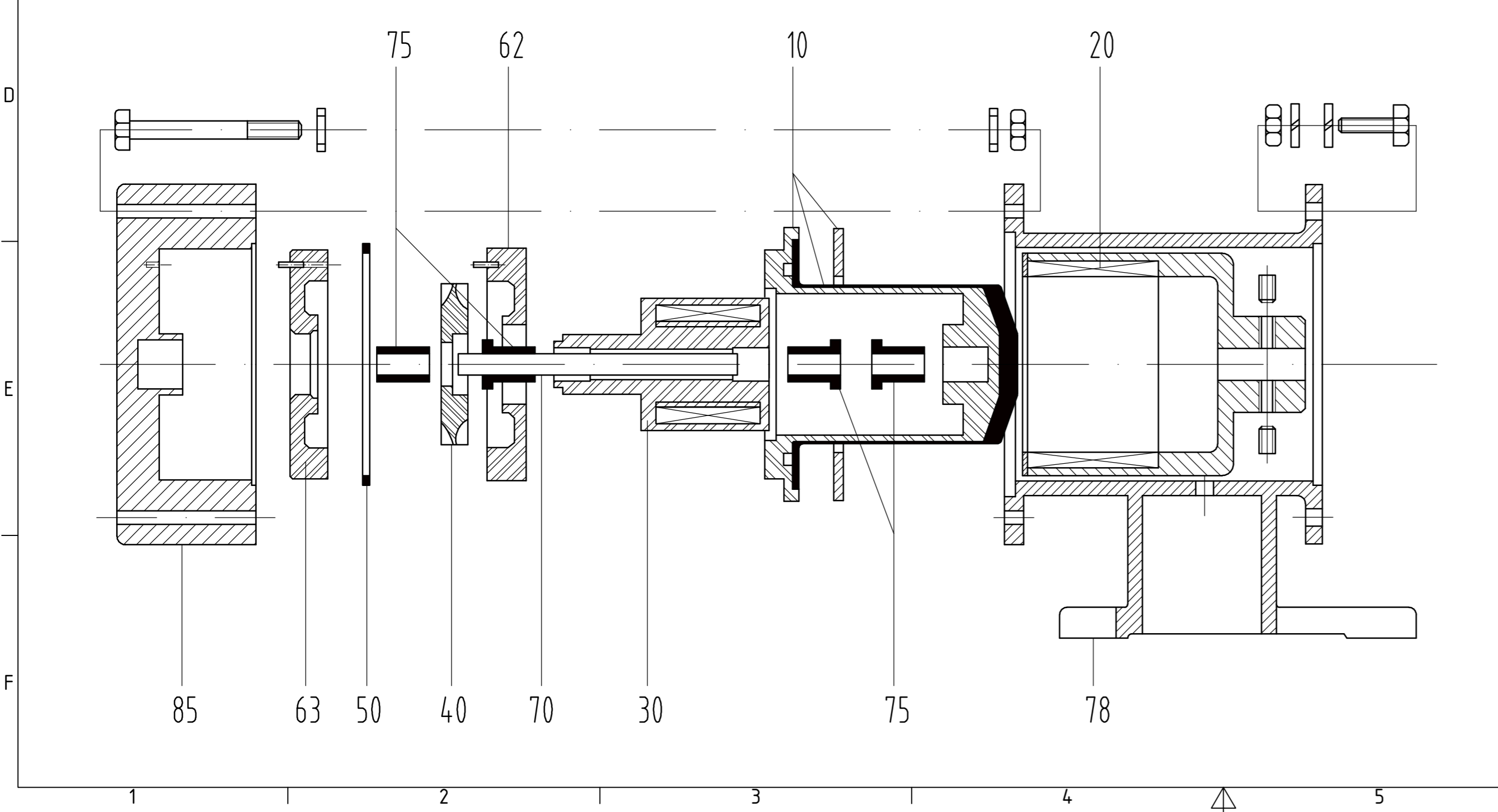


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	Gezeichnet Kontrolliert Norm	Datum 05.04.2019		Name Lach	MAG DRIVE TURBINE PUMPS MT 12000 PPF IEC112
DPCA-12000-PPF-IEC112			1 A2		
Status	Änderungen	Datum	Name		

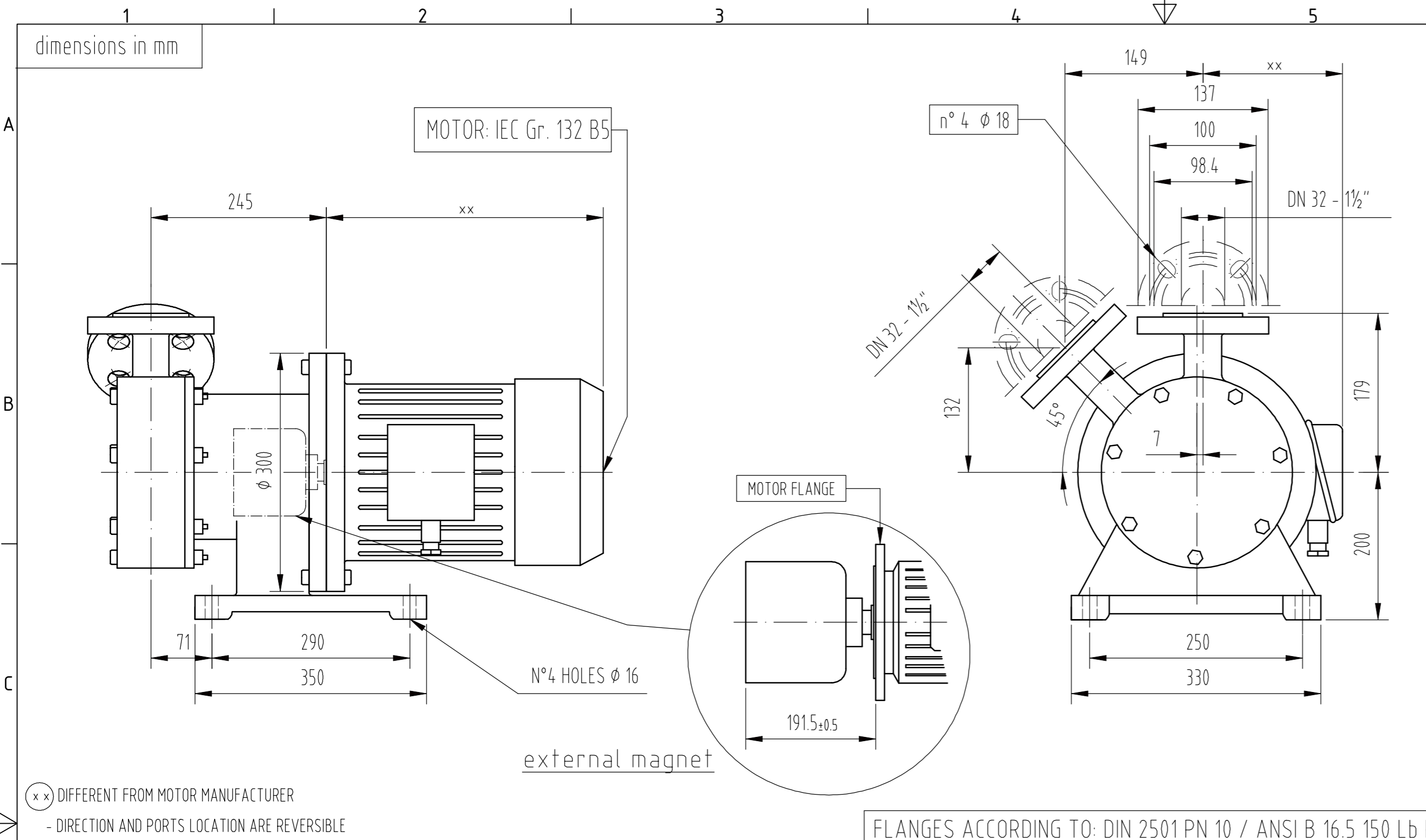


REF	DESCRIPTION	MATERIAL	CODE
10	Containment shell + Reinforc.	PP/ F.C.	
12	Rear Casing Flange	SS304	
20	Ext. Magnet	NeFeB/ Carbon Steel	
30	Int. Magnet	PP/NeFeB	
40	Impeller	PVDF	
50	O-Ring 228 (628)	EPDM	
62	Rear Ring	PP	
63	Front Ring	PP	
70	Shafts	Ceramic	
75	Bearings	PTFEC	
78	Bracket (250-180-28)	Cast Iron	
85	Pump Casing	PP	
88	Rear Wet End (10+30+40+50+62+63+70+75)	/	
90	Wet End (10+30+40+50+62+63+70+75+85)	/	



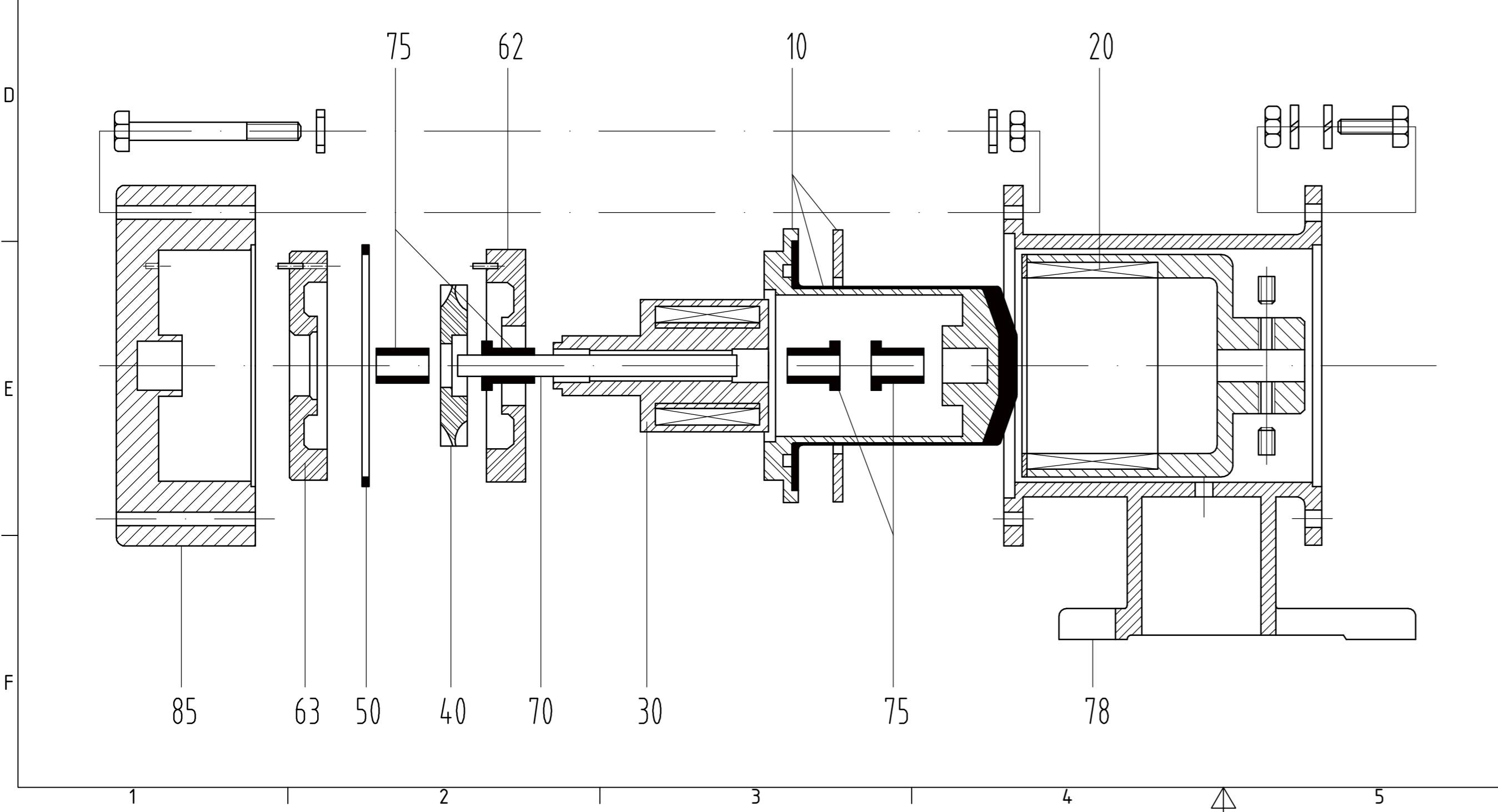
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			Alle Kanten gratfrei			
		Datum	Name	Series MT MT 12000 P_R - IEC100/112 DPCA-12000-P-R-IEC112		
		Gezeichnet	02.07.2019			Lach
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Status	Änderungen	Datum	Name	A2		



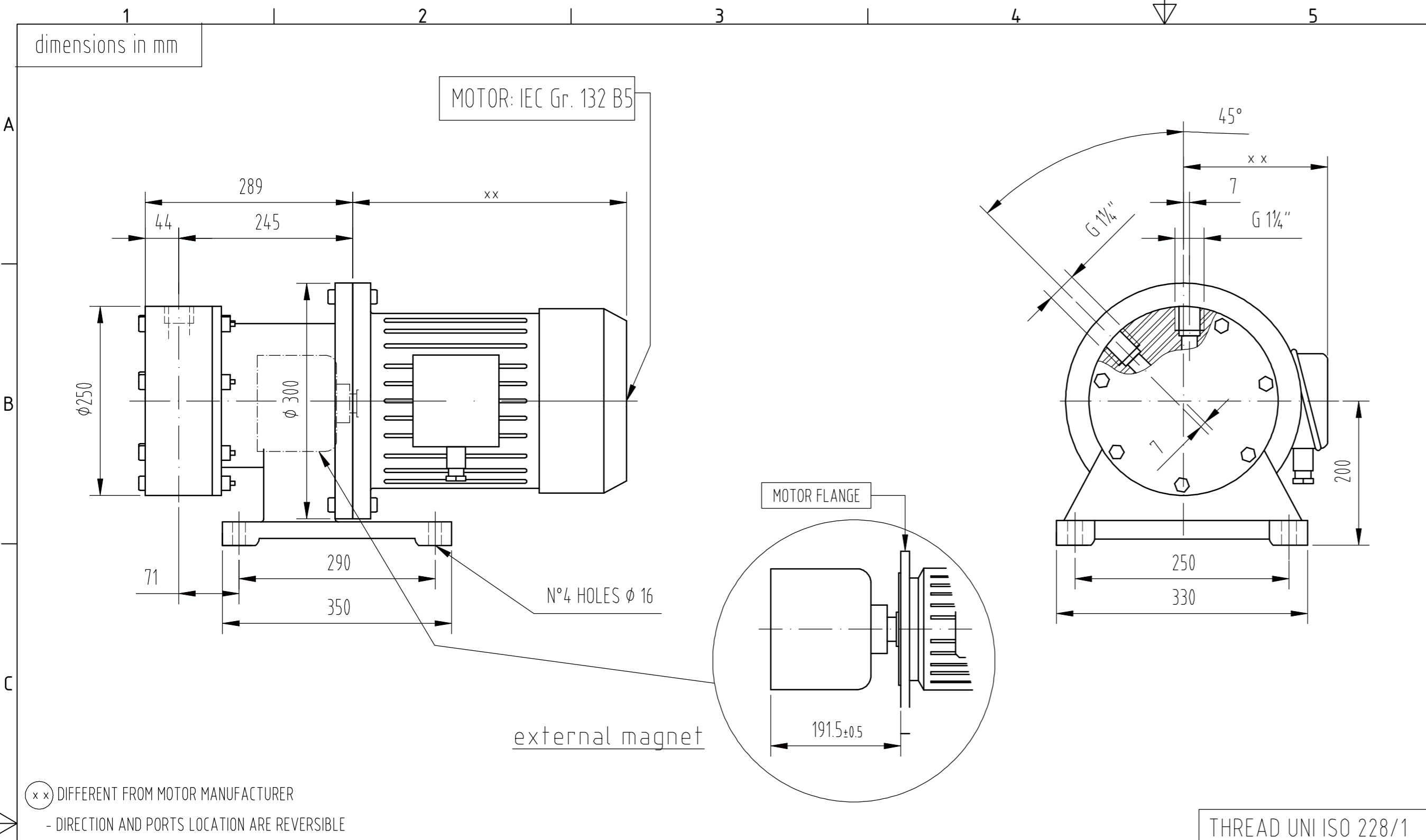
REF	DESCRIPTION	MATERIAL	CODE
10	Containment shell + Reinforc.	PP/ F.C.	
12	Rear Casing Flange	SS304	
20	Ext. Magnet	NeFeB/ Carbon Steel	
30	Int. Magnet	PP/NeFeB	
40	Impeller	PVDF	
50	O-Ring 228 (628)	EPDM	
62	Rear Ring	PP	
63	Front Ring	PP	
70	Shafts	Ceramic	
75	Bearings	PTFEC	
78	Bracket (300-230-38)	Cast Iron	
85	Pump Casing	PP	
88	Rear Wet End (10+30+40+50+62+63+70+75)	/	
90	Wet End (10+30+40+50+62+63+70+75+85)	/	

xx DIFFERENT FROM MOTOR MANUFACTURER
- DIRECTION AND PORTS LOCATION ARE REVERSIBLE

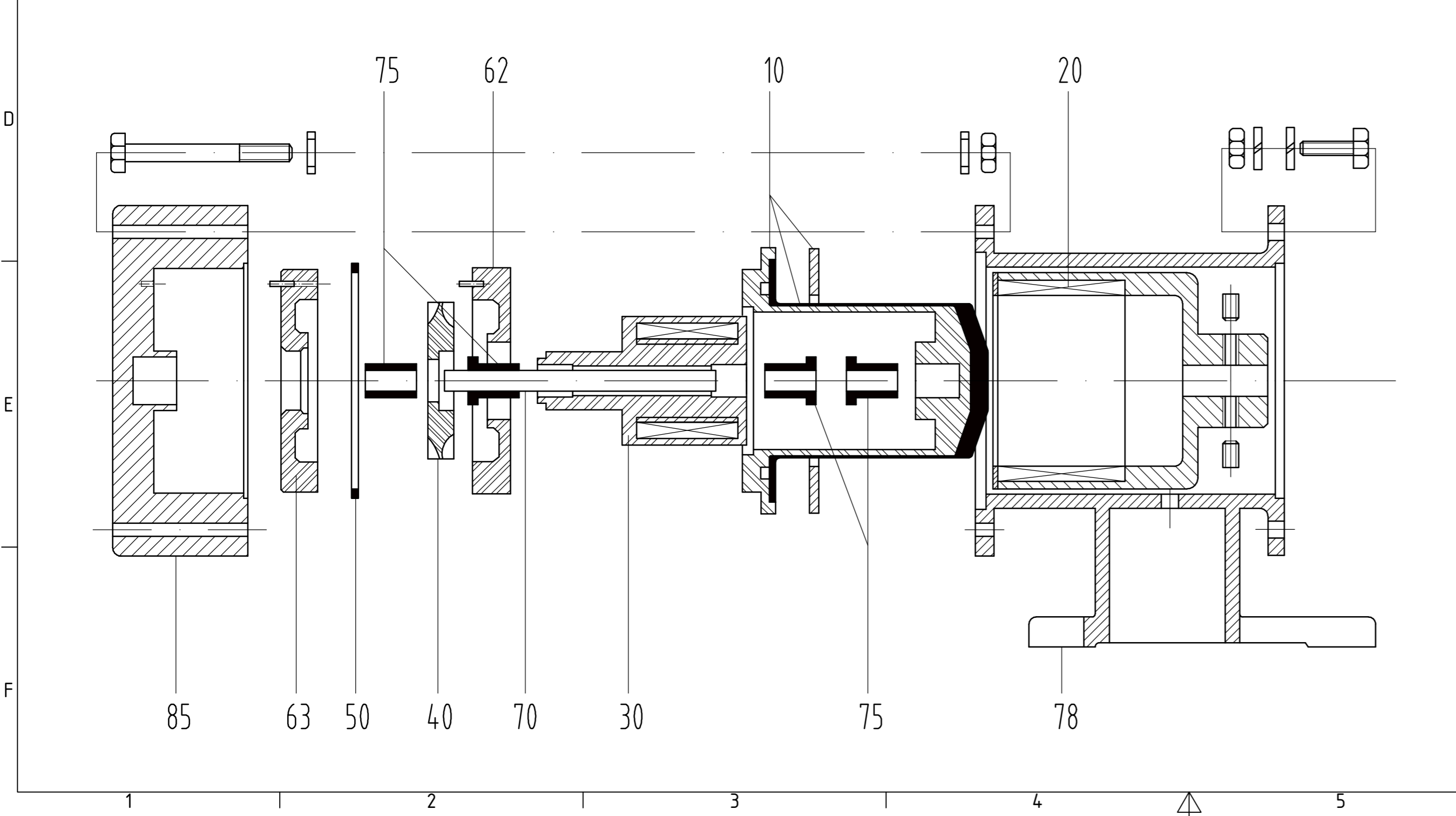


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			Datum 02.07.2019	Name Lach
Series MT MT 16000 PPF			DPCA-16000-P-F	
Status Änderungen Datum Name			1 A2	



REF	DESCRIPTION	MATERIAL	CODE
10	Containment shell + Reinforc.	PP/ F.C.	
12	Rear Casing Flange	SS304	
20	Ext. Magnet	NeFeB/ Carbon Steel	
30	Int. Magnet	PP/NeFeB	
40	Impeller	PVDF	
50	O-Ring 228 (628)	EPDM	
62	Rear Ring	PP	
63	Front Ring	PP	
70	Shafts	Ceramic	
75	Bearings	PTFEC	
78	Bracket (300-230-38)	Cast Iron	
85	Pump Casing	PP	
88	Rear Wet End (10+30+40+50+62+63+70+75)	/	
90	Wet End (10+30+40+50+62+63+70+75+85)	/	



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			Alle Kanten gratfrei			
		Datum	Name	Series MT MT 16000 P_R - IEC132 DPCA-16000-P-R-IEC132		
		Gezeichnet	02.07.2019			Lach
		Kontrolliert				
		Norm			1	
					A2	
Status	Änderungen	Datum	Name			