

GHN / GHND / GHNM / GHNDM

GHN / GHND GHNM / GHNMD

**Three speeds circulating pumps
Dreistufige Heizungsumwälzpumpe**

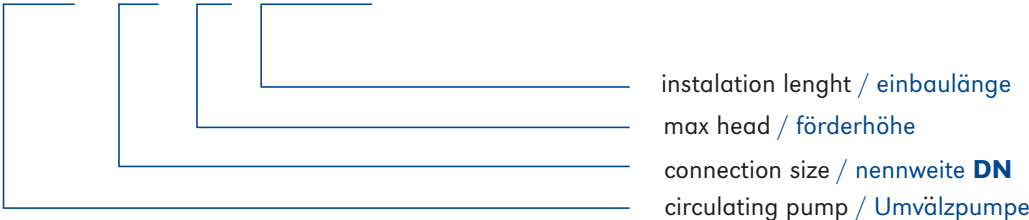


Three speeds circulating pumps
Dreistufige Heizungsumwälzpumpe

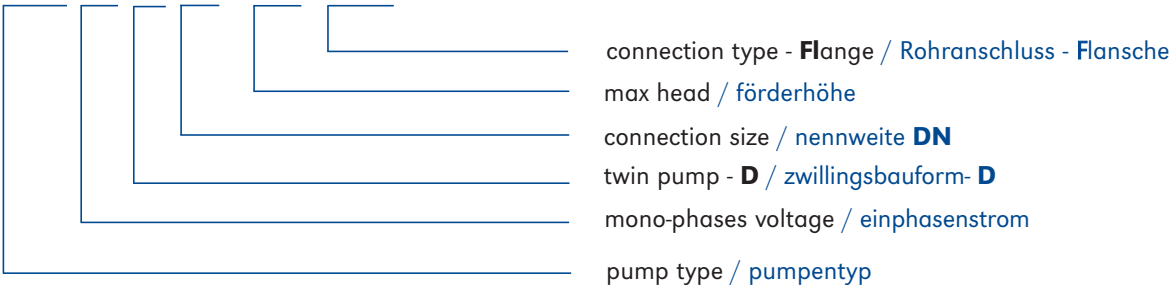
TEHNICAL FEATURES / TECHNISCHE MERKMALE		GHN	GHN	GHND	GHND	GHNM	GHNMD
Connections / Nennweite	DN (")	15, 20, 25, 32	40 - 80	32	40 - 80	40 - 80	40 - 80
Connection type / Rohranschluss		Screw Type/Gewind	Flanges / Flansche	Screw Type/Gewind	Flanges / Flansche	Flanges / Flansche	Flanges / Flansche
Flow max / Förderstrom max	Q (m³/h)	3/4/6/8/9/13	80	10,8/14,4/14,3	140	22	40
Head max / Förderhöhe	H (m)	4/6/7/7,5/8	12	6,4/7,3/10,8	12	11,5	11,5
Pressure rated / Betriebsdruck	PN (bar)	10	6 / 10	10	6 / 10	6 / 10	6 / 10
Power max / Leistungsaufnahme max	P (W)	50/90/140/210/260	2200	270/393/509	2200	830	830
Electrical voltage / Elektroanschluss	V	1 x 230 AC	3 x 400 AC	1 x 230 AC	3 x 400 AC	1 x 230 AC	1 x 230 AC
Degree of protection / Schutzart	IP	44	43	44	43	43/44	43
Regulation / Regelung		no / nein	no / nein	no / nein	no / nein	no / nein	no / nein
Media temperature / Temperaturbereich	T(°C)	-10 do +110	-10 do +120	-10 do +110	-10 do +120	-10 do +120	-10 do +120
Insulating class / Isolationsklasse		H	H	H	H	H	H
Casing type / Werkstoffe		GG / Cast iron	GG / Cast iron	GG / Cast iron	GG / Cast iron	GG / Cast iron	GG / Cast iron
Duble pump / Zwillingspumpe		no / nein	no / nein	yes / ja	yes / ja	no / nein	no / nein
APPLICATIONS / EINSATZGEBIETE							
Heating / Warmwasserheizungen		✓	✓	✓	✓	✓	✓
Cooling / Kaltwasseranlagen		✓	✓	✓	✓	✓	✓
Sanitary water / Brauchwasser							
Climate appliances / Klimaanlage		✓	✓	✓	✓	✓	✓
Industry / Industrieanlagen		✓	✓	✓	✓	✓	✓
Process technique / Verfahrenstechnik							
Condensation / Kondensat							
Salt water / Meerwasser							

Pump markings / Typenschlüssel

GHN 25 / 60 - 130 (180)



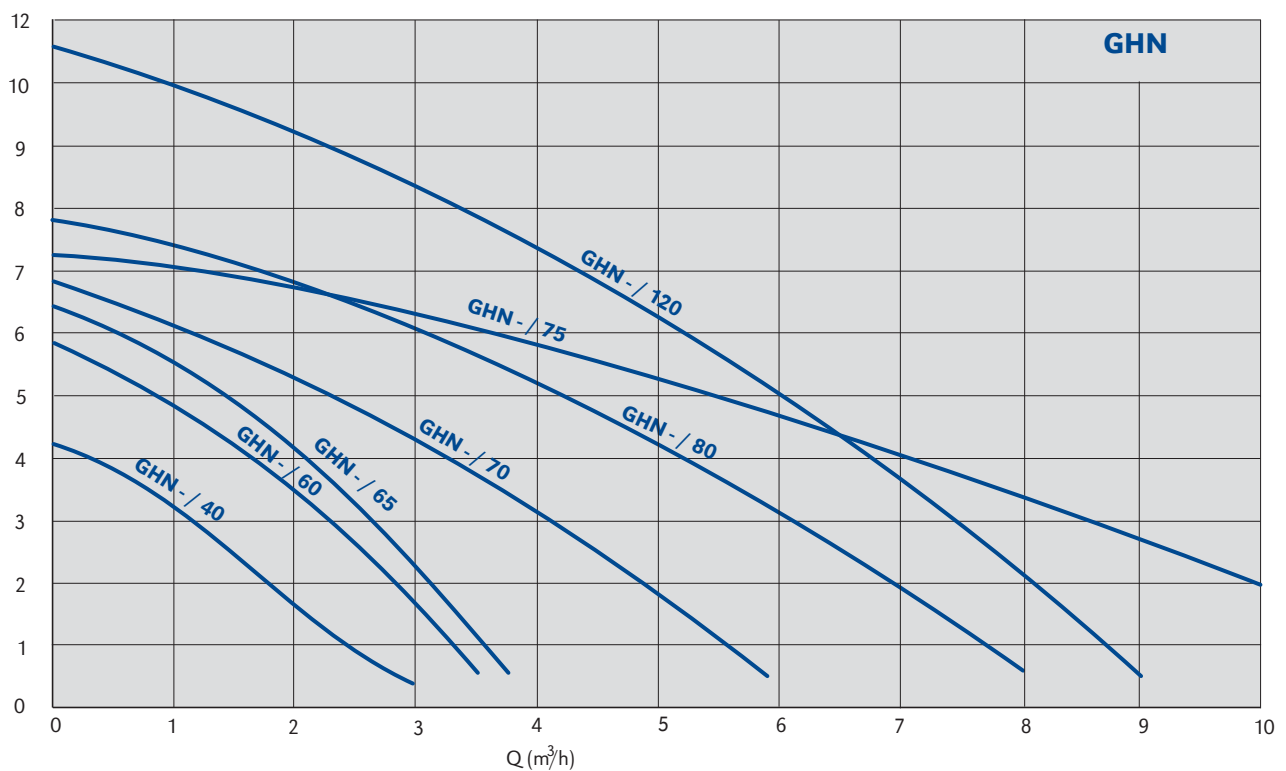
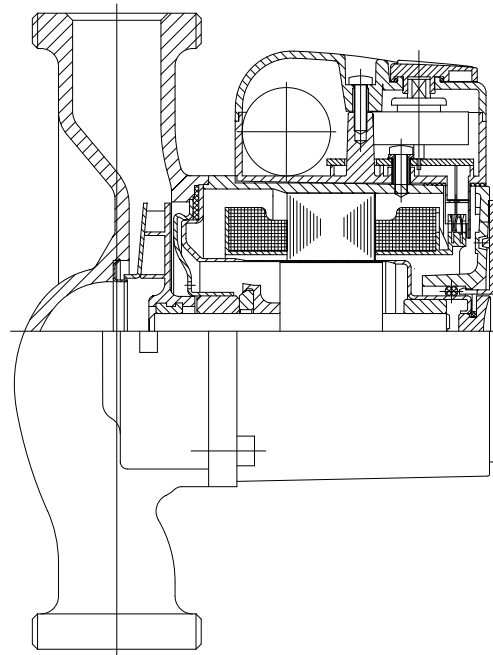
GHN M D 40 - 120 F



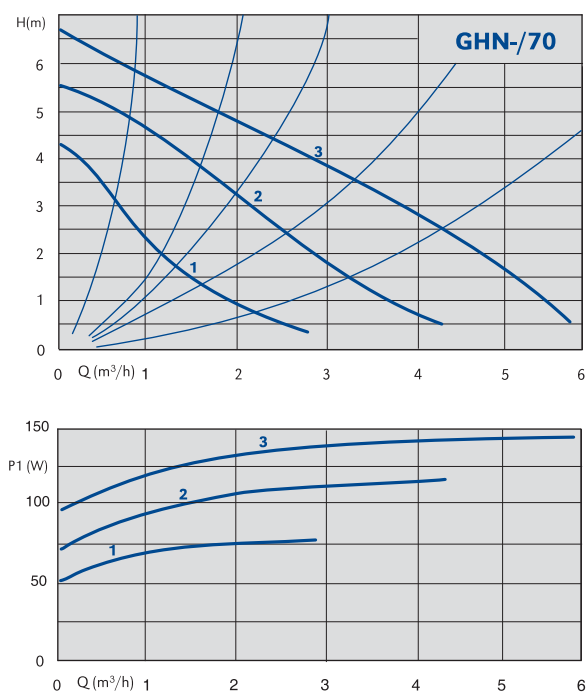
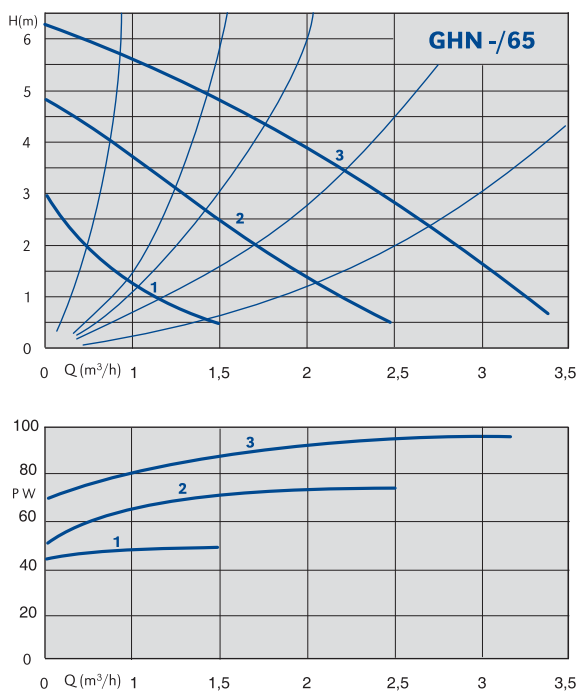
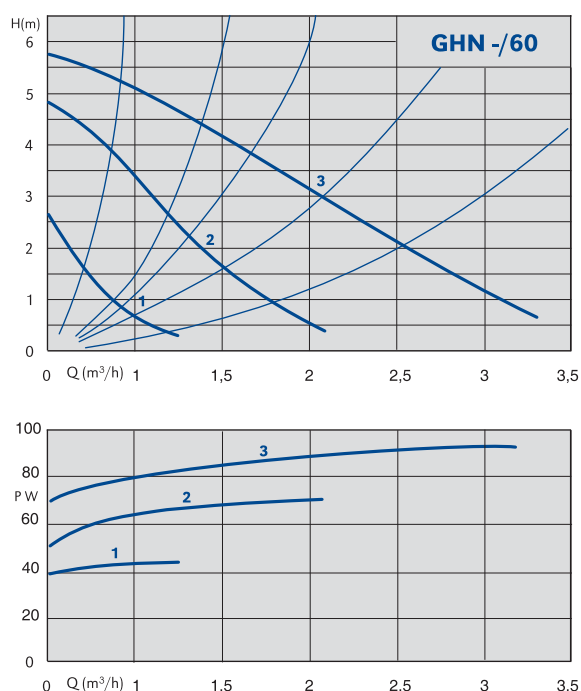
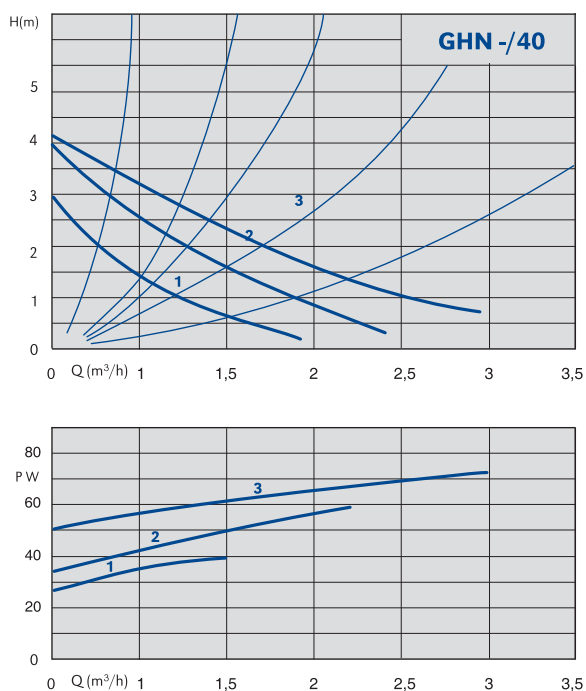
Permitted mounting positions / Einbaumöglichkeiten



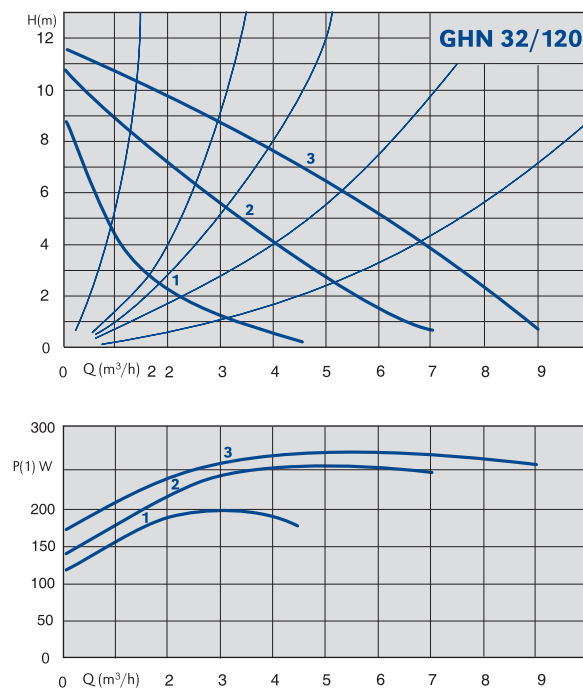
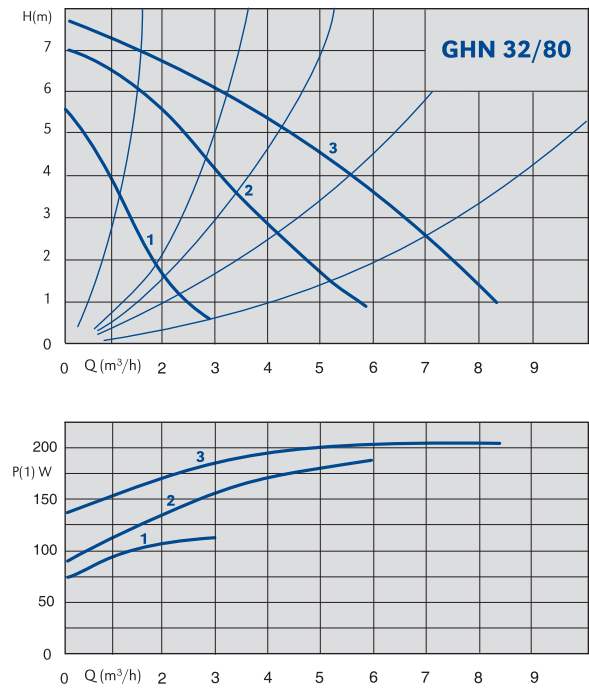
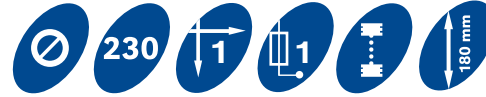
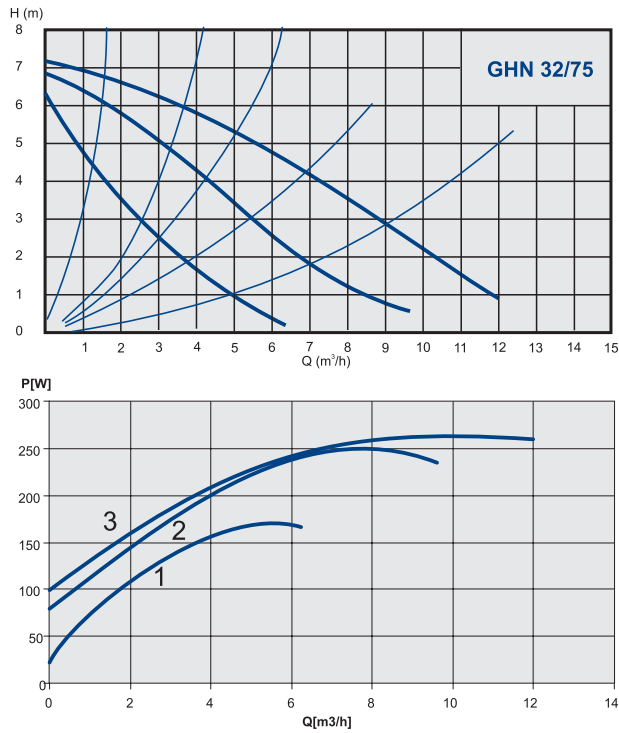
Threaded circulation pumps with three speeds Dreistufige Verschraubungsumwälzpumpen mit manueller Drehzahlumschaltung



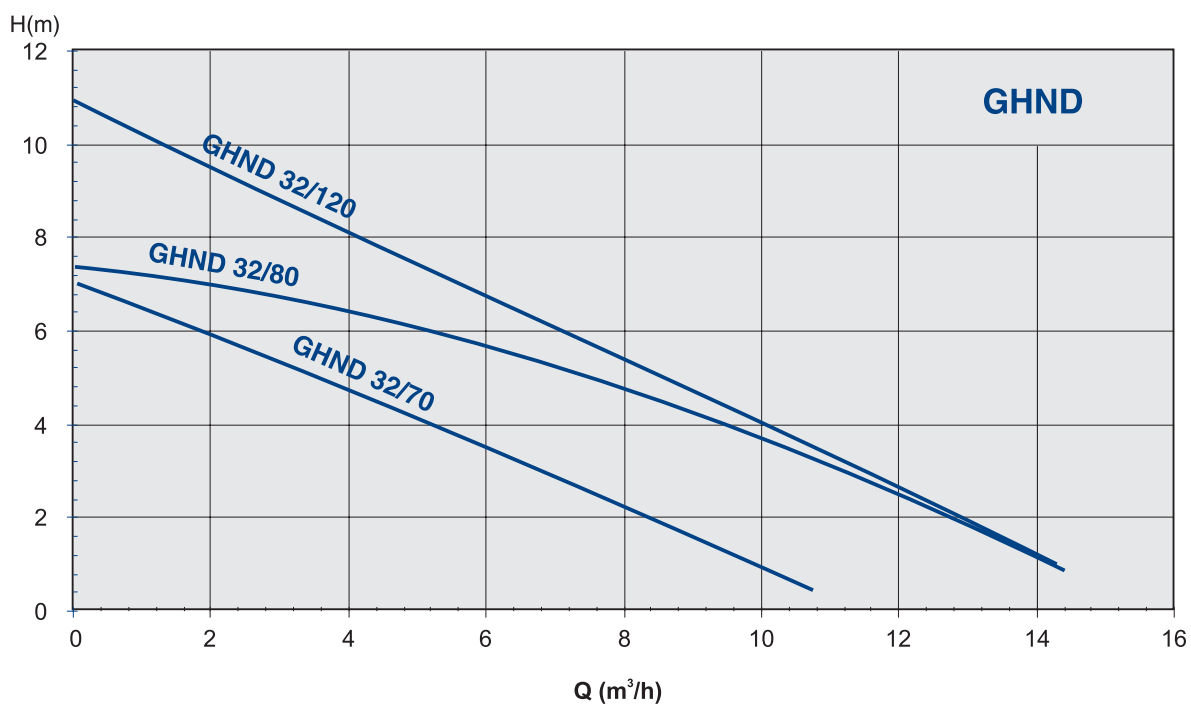
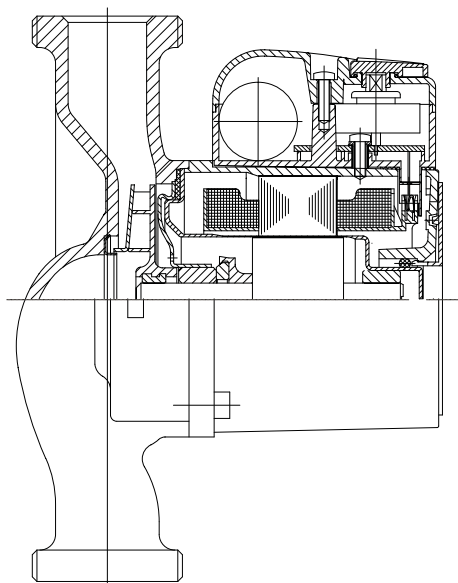
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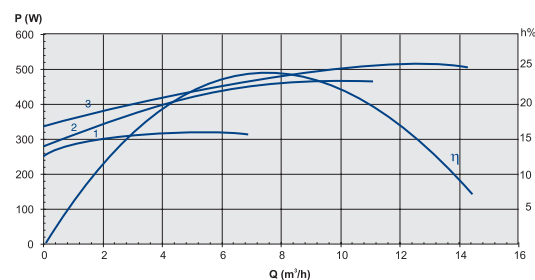
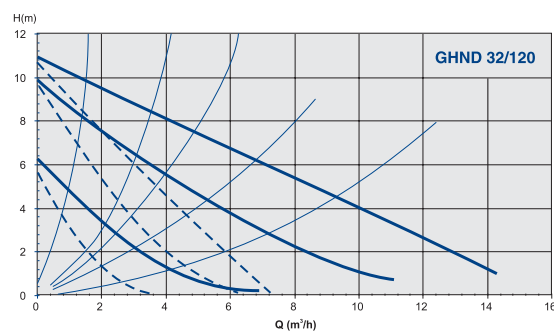
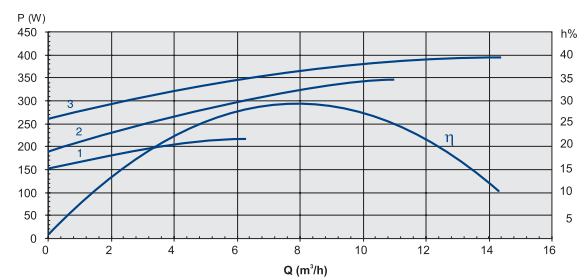
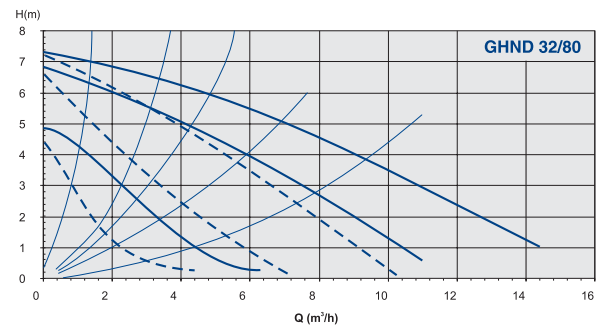
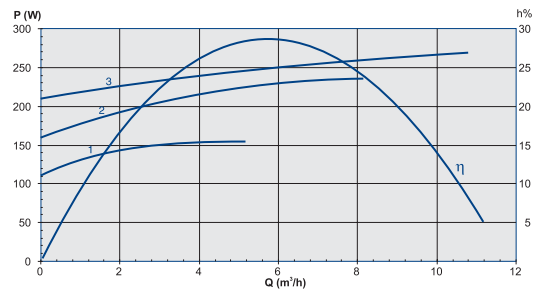
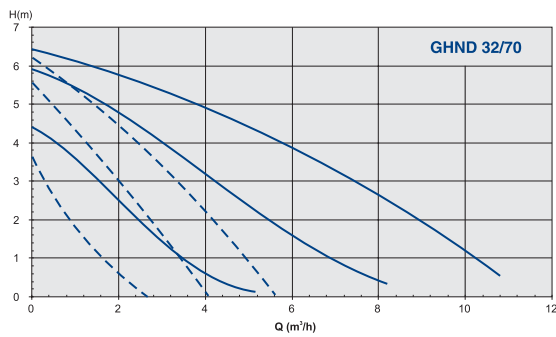
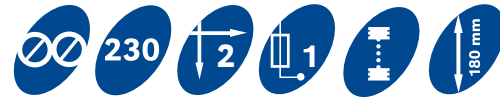
Threaded circulation pumps with three speeds Dreistufige Verschraubungsumwälzpumpen mit manueller Drehzahlumschaltung



Threaded twin circulation pumps with three speeds
Dreistufige Zwillings Verschraubungsumwälzpumpen mit manueller Drehzahlumschaltung



Threaded circulation pumps with three speeds Dreistufige Verschraubungsumwälzpumpen mit manueller Drehzahlumschaltung



Threaded circulation pumps with three speeds Dreistufige Verschraubungsumwälzpumpen mit manueller Drehzahlumschaltung

ADVANTAGES OF SMALL PUMPS FROM IMP PUMPS

Reliable operation and long lifespan

Endurance and durability trials show the new generation of circulation pumps for home central heating systems are reliable under various operating conditions. The top quality materials used in making parts provide the pumps with a long lifespan.

Silent operation

The silent operation of the pumps is the result of careful development and advanced technical solutions in designing parts.

Adaptability of pumps to the heating system

A three-way switch provides a choice of pump power and optimal adaption to heating system requirements.

All installation material is provided

To save you time and unnecessary searching for installation material, we supply quality seals and fittings with all pumps in our family of small home pumps.

Exchangeability with worn out products of other manufacturers

Pumps from IMP PUMPS are developed with international technical standards. They can replace worn out pumps from other manufacturers without additional expense or modified installation.

Expert help in selecting pumps for your heating system

Technically proficient sales staff in IMP PUMPS will advise you and help solve demanding problems in selecting the most suitable model of pump.

DIE VORTEILE KLEINER IMP PUMPS PUMPEN

Zuverlässiger Betrieb und lange Lebensdauer

Die neue Generation der kleinen Umwälzpumpen für das Hausheizsystem hat bei Tests der Strapazierfähigkeit und Dauerhaftigkeit bewiesen, dass sie zuverlässiges Funktionieren unter verschiedenen Arbeitsbedingungen garantiert. Spitzenmaterial, aus dem die Bestandteile der Pumpen gebaut sind, ermöglichen eine lange Lebensdauer der Pumpen.

Geräuscharmer Betrieb

Der geräuscharme Betrieb der Pumpen ist das Resultat sorgfältiger Entwicklung und fortschrittlicher technischer Lösungen bei der Gestaltung der Bestandteile der Pumpen.

Die Anpassungsfähigkeit der Pumpen an das Heizsystem

Der Dreistufenschalter ermöglicht die Wahl der Pumpenleistung und eine optimale Anpassung an die Erfordernisse des Heizsystems.

Das gesamte Montagematerial ist beigelegt

Damit Sie Zeit sparen und unnötiges Suchen von Montagematerial vermeiden können, haben wir allen Pumpen der Familie der kleinen Hauspumpen qualitätsvolle Dichtungen und zwei Verbindungsstücke beigelegt.

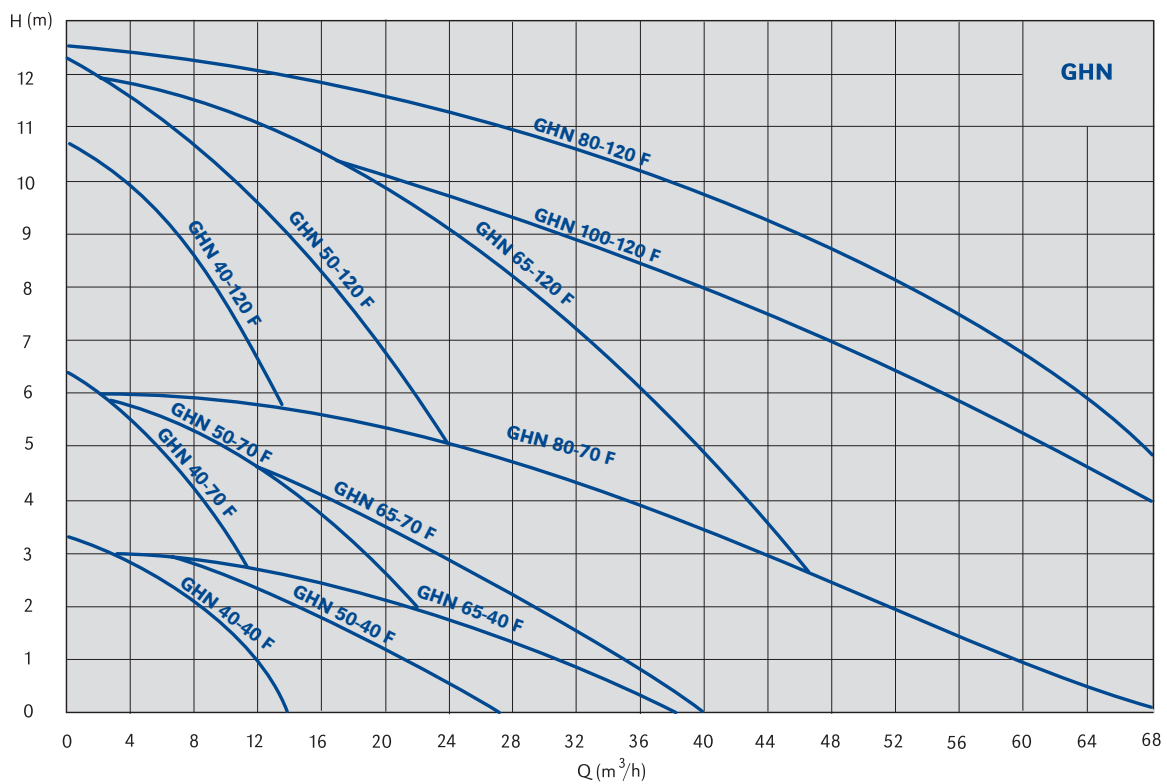
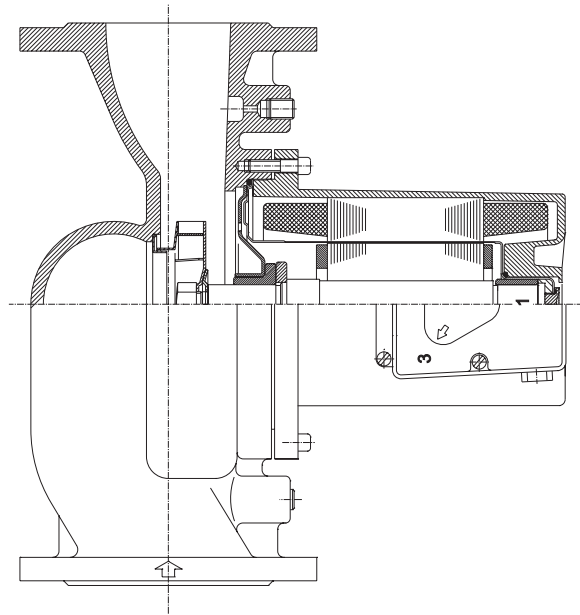
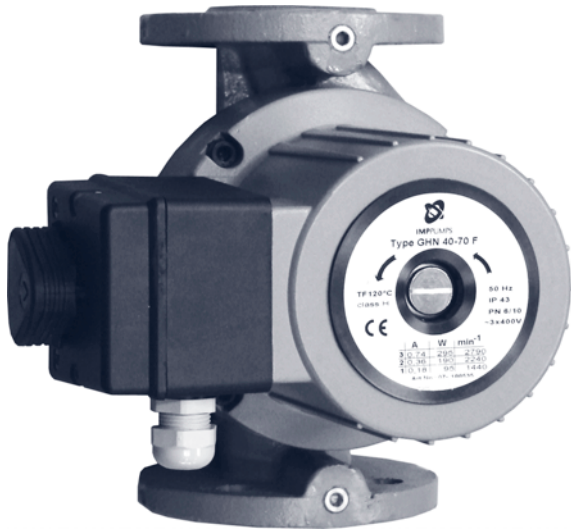
Austauschbarkeit mit ausgedienten Erzeugnissen anderer Hersteller

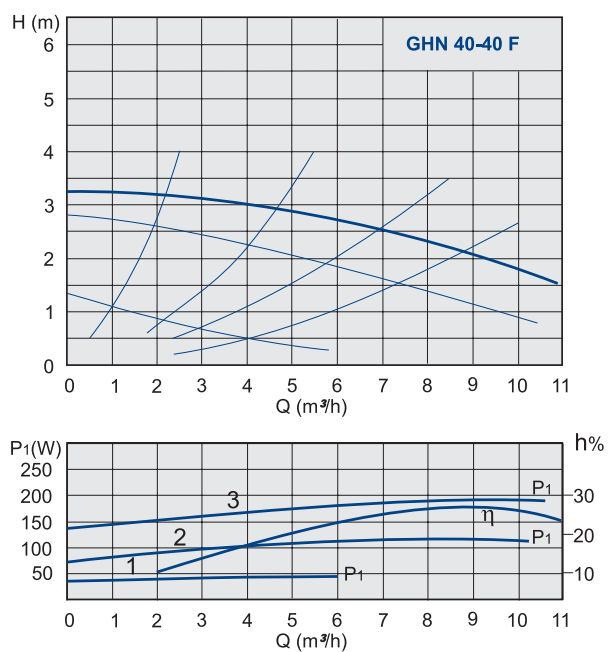
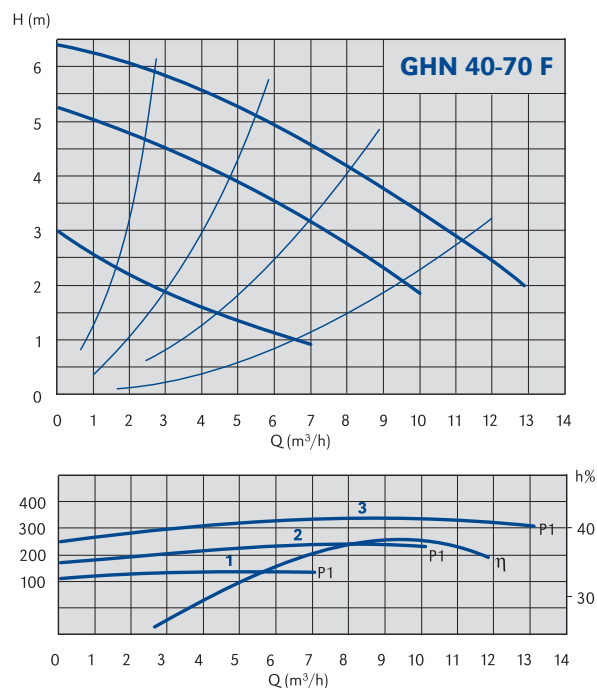
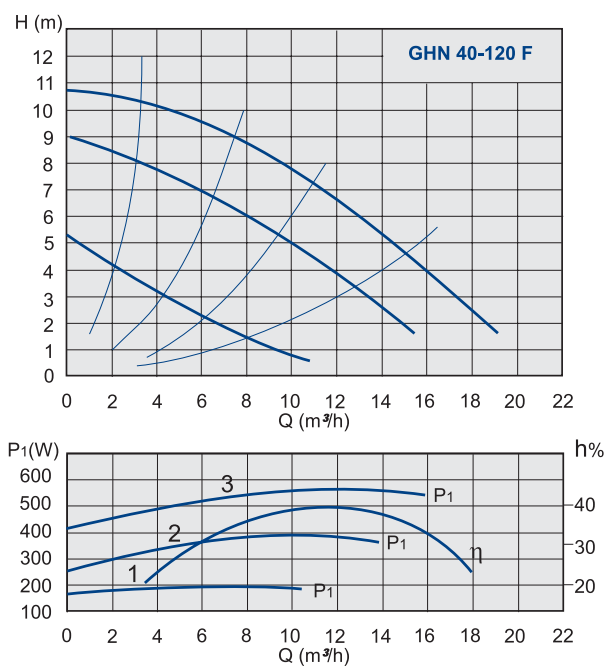
Die IMP PUMPS Pumpen sind in Übereinstimmung mit den internationalen technischen Standards entwickelt worden. Tauschen Sie ausgediente Pumpen anderer Hersteller durch entsprechende IMP PUMPS Pumpen ohne zusätzliche Kosten und ohne Veränderung der Installation aus.

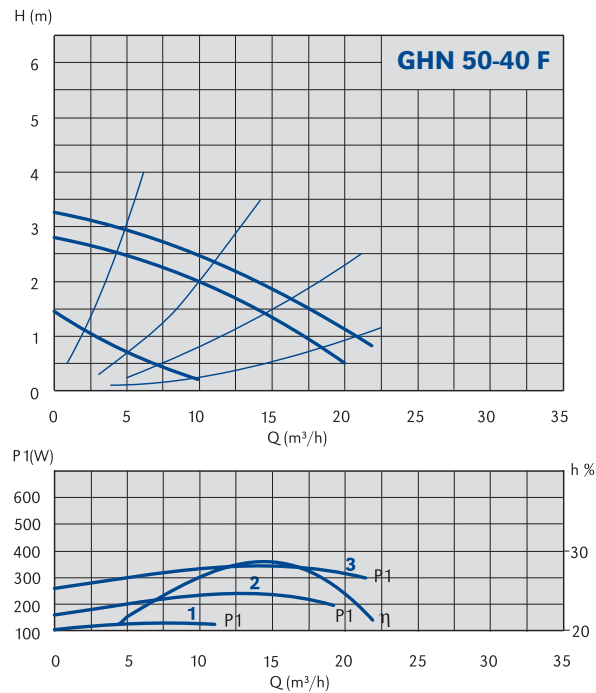
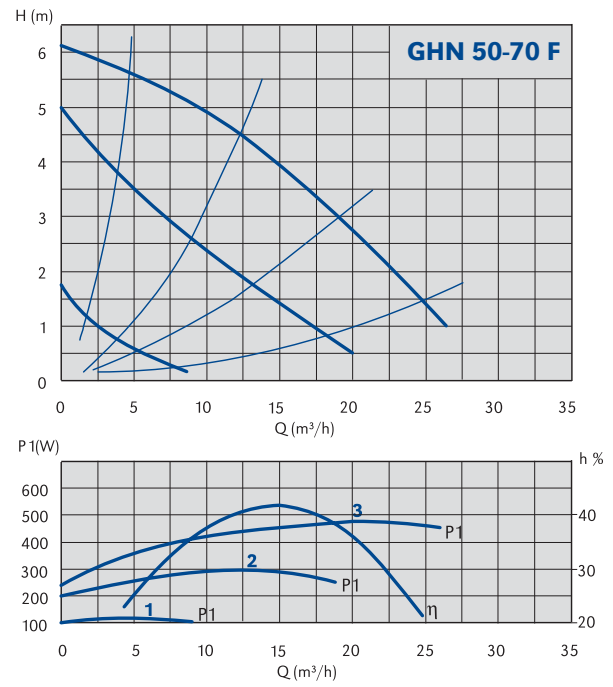
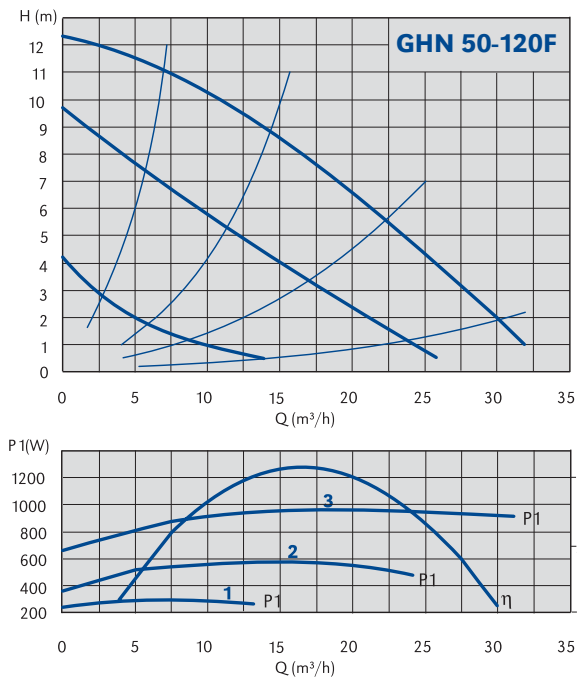
Fachliche Hilfe bei der Auswahl geeigneter Pumpen für das Heizsystem

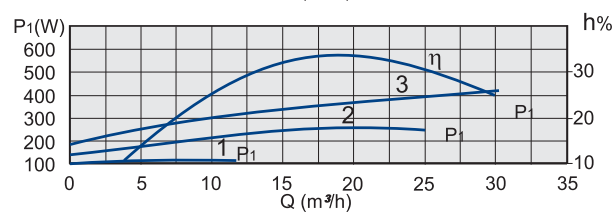
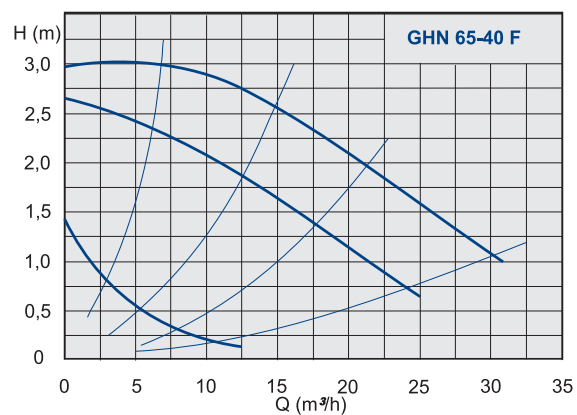
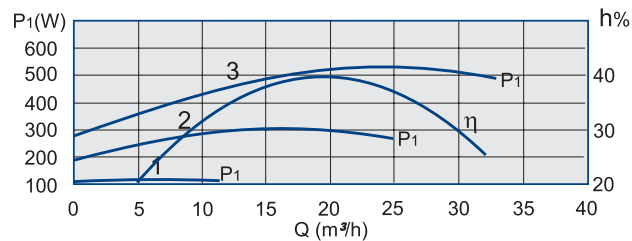
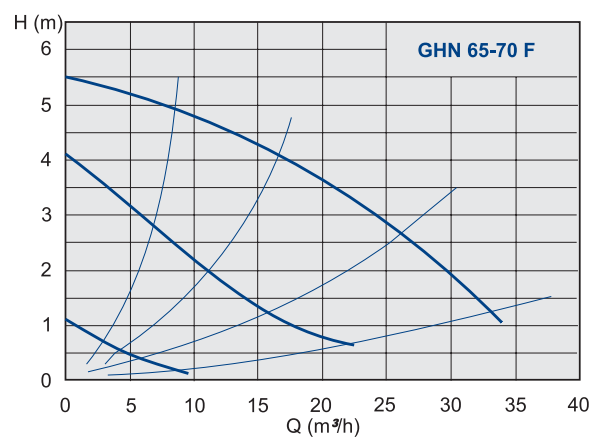
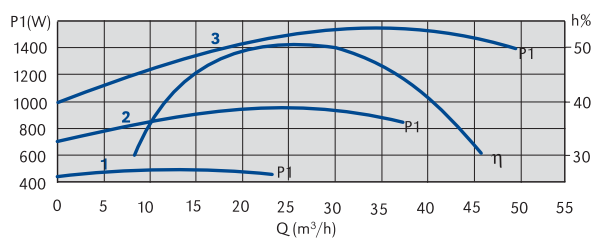
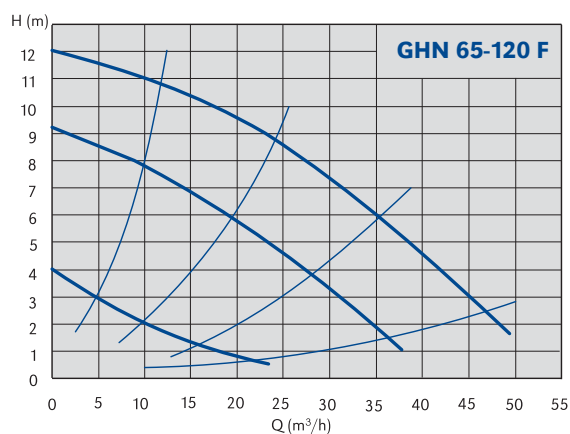
Es beraten Sie technisch bewanderte Verkäufer des Unternehmens IMP PUMPS und sie lösen auch ein noch so anspruchsvolles Problem bei der Auswahl des geeignetsten Pumpensystems.

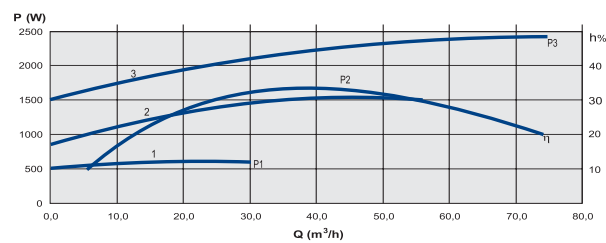
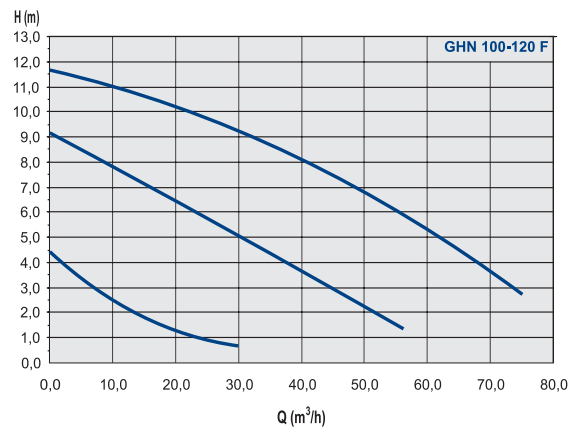
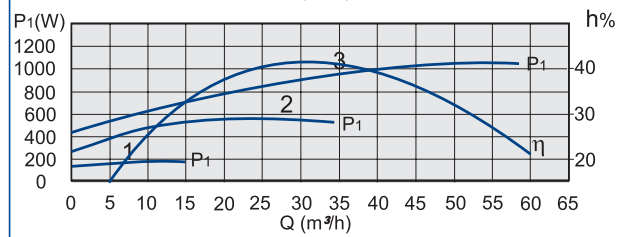
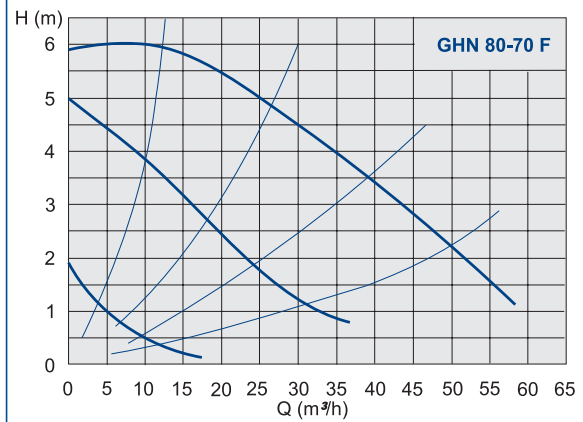
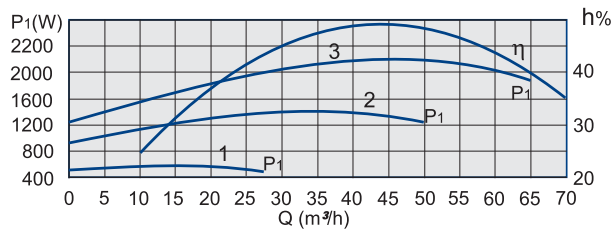
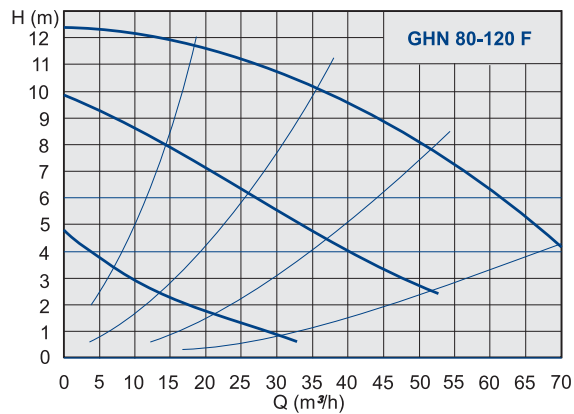
Three speeds circulation pumps with flanges - three-phases voltage
Dreistufige Flanschumwälzpumpen mit manueller
Drehzahlumschaltung - dreiphasenstrom



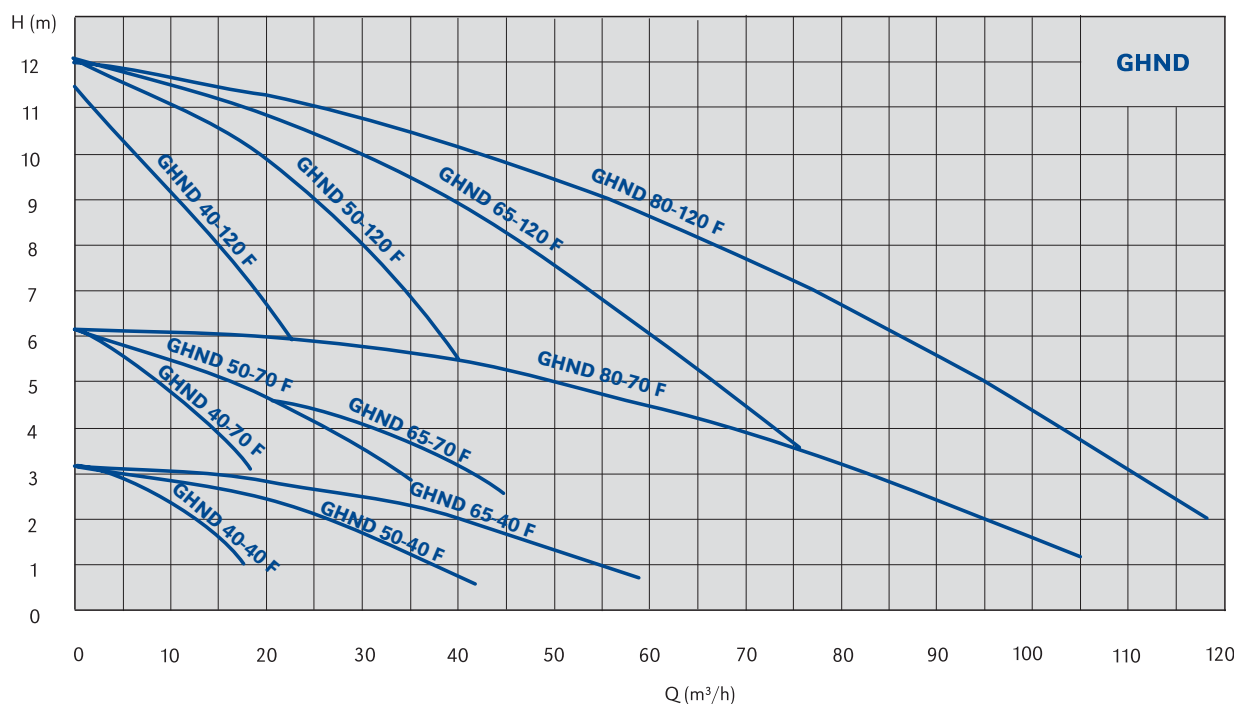
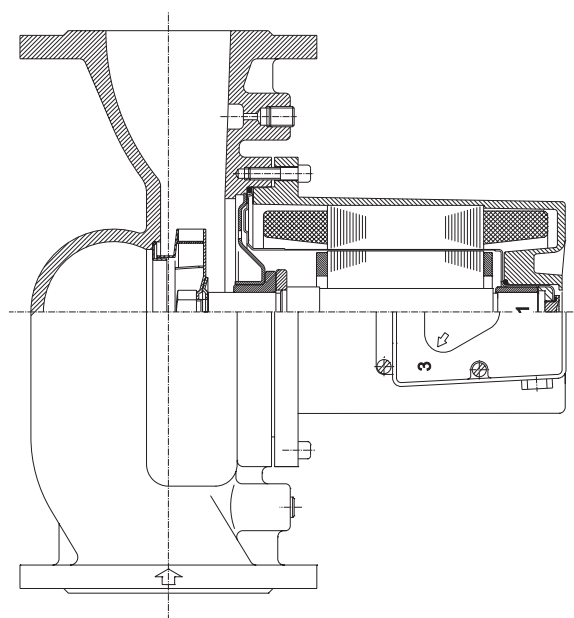
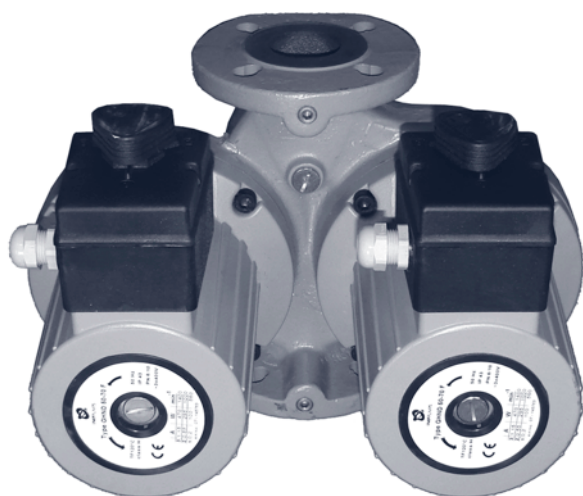


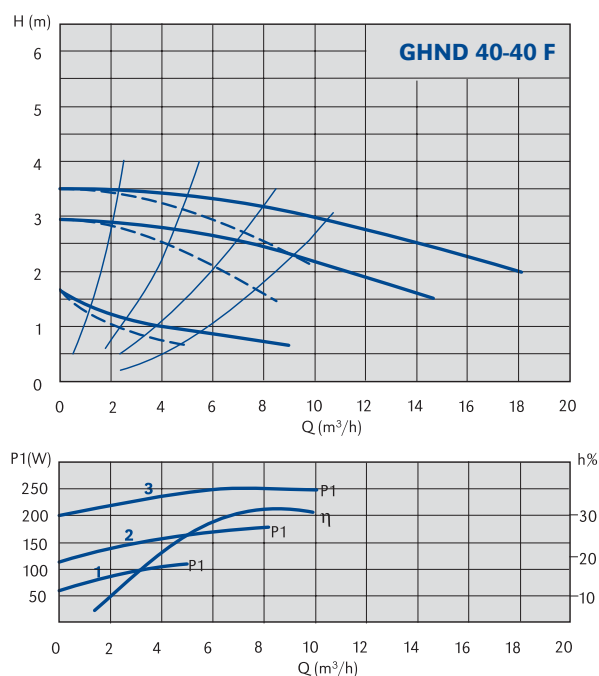
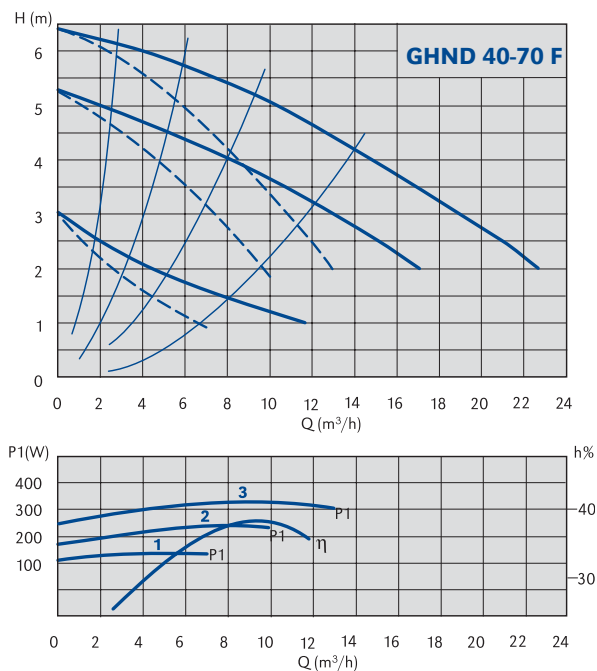
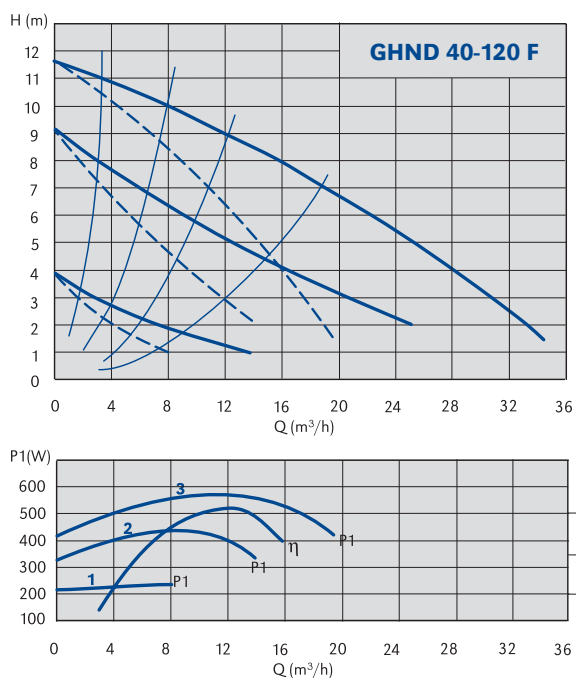


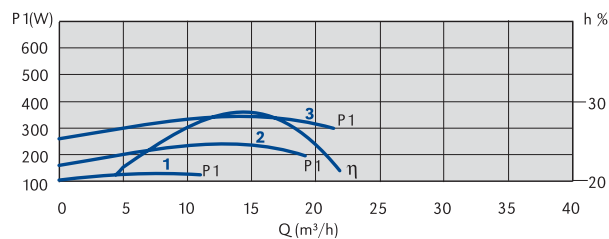
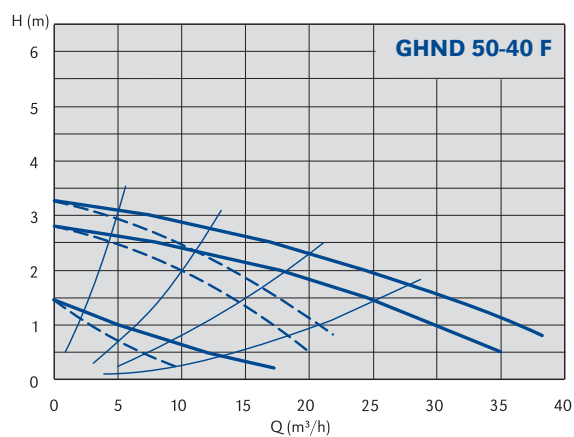
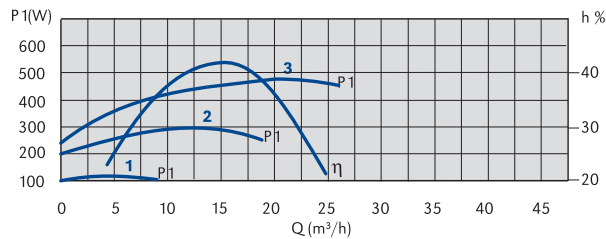
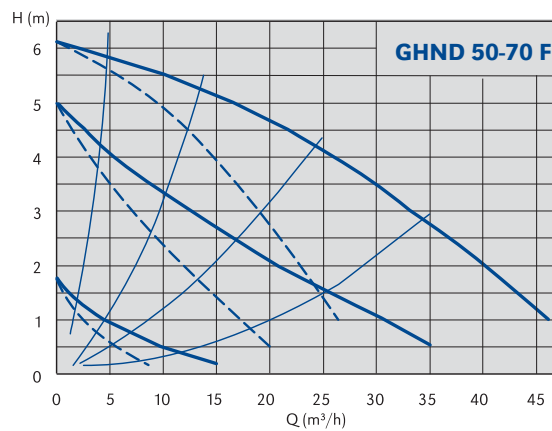
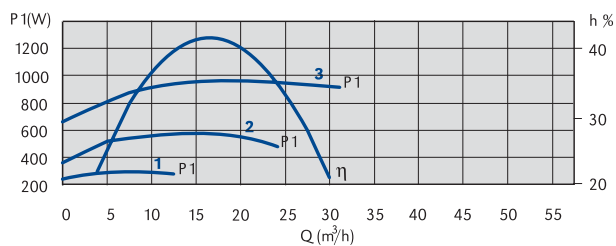
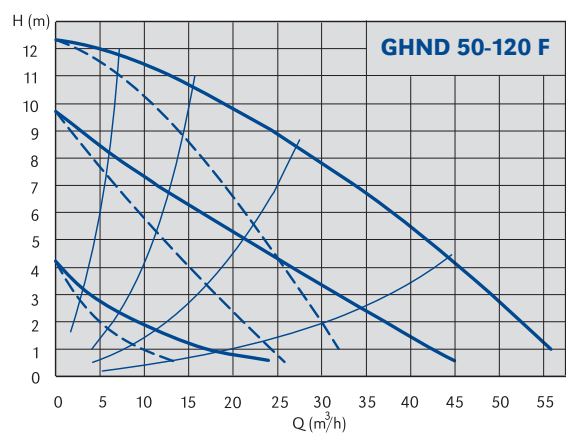


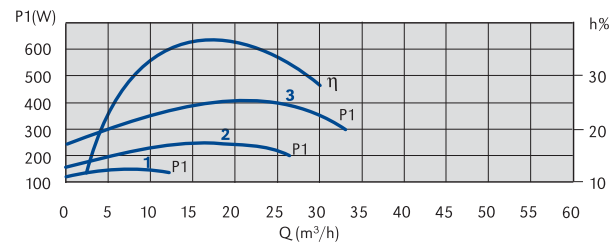
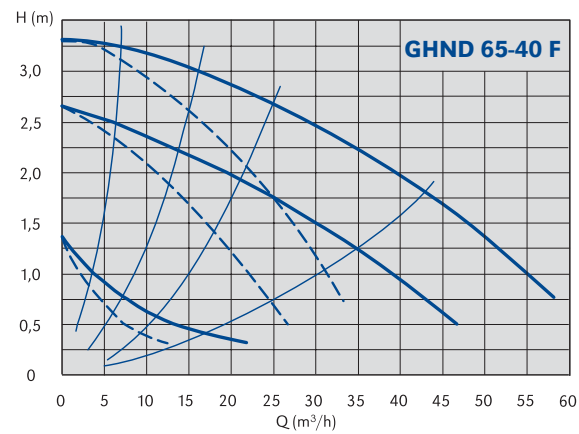
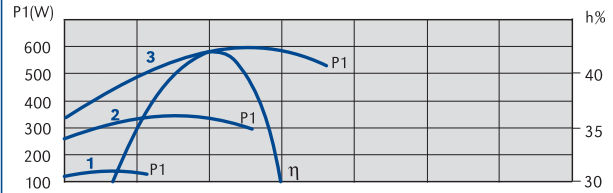
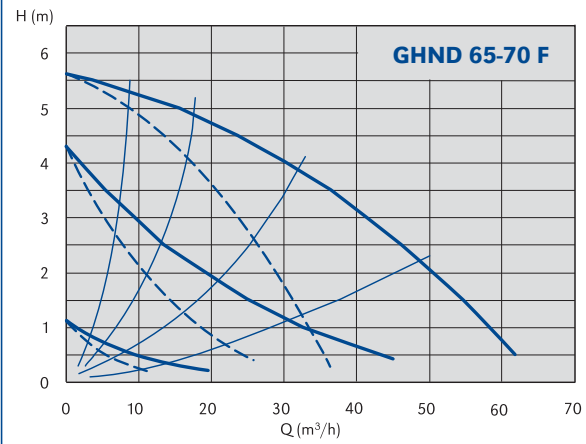
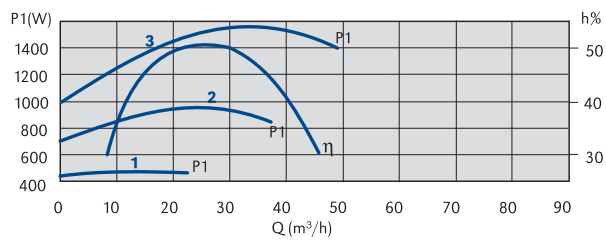
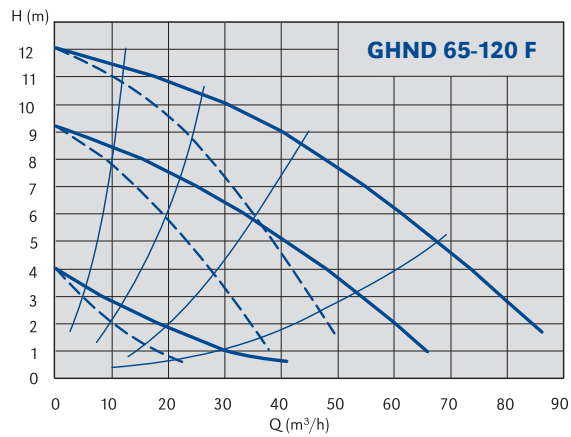


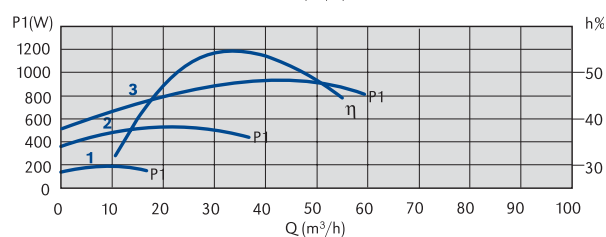
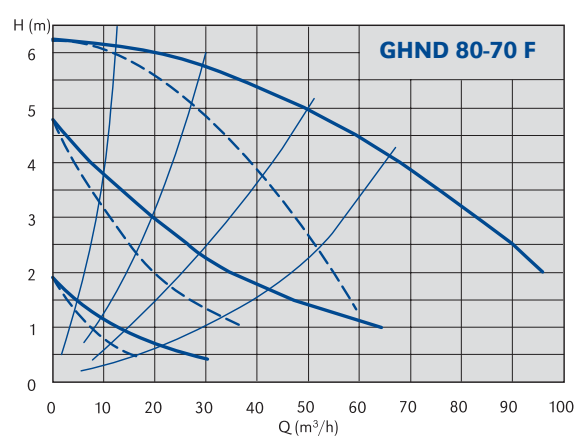
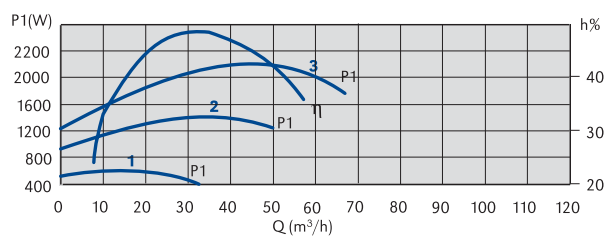
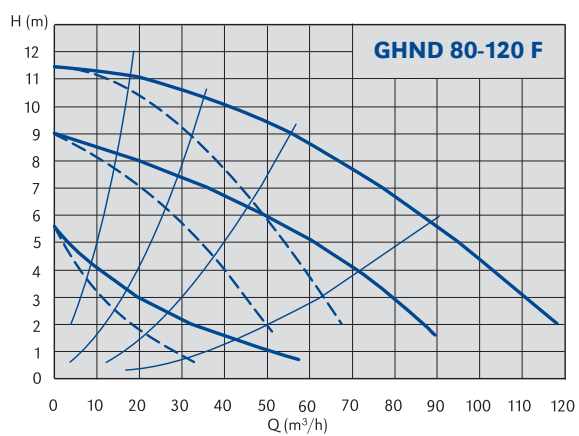
Three speeds twin circulation pumps with flanges - three-phases voltage
Dreistufige Zwillingsumwälzpumpen mit manueller
Drehzahlumschaltung - dreiphasenstrom



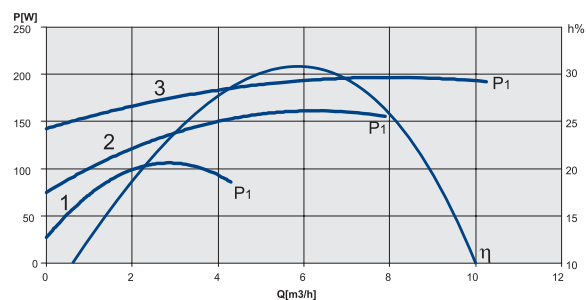
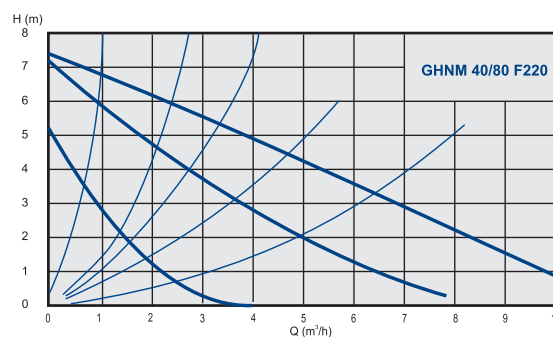
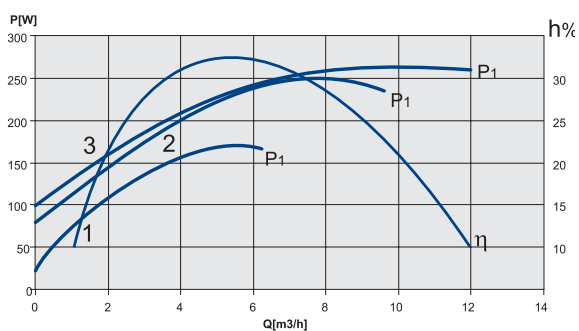
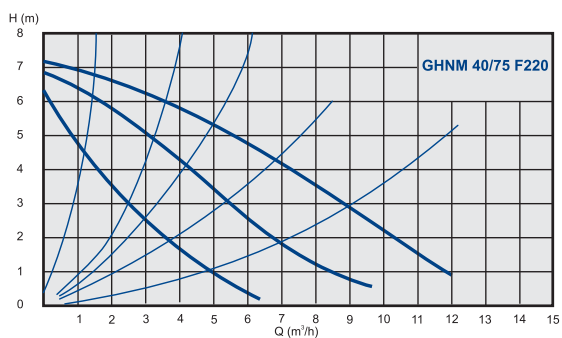
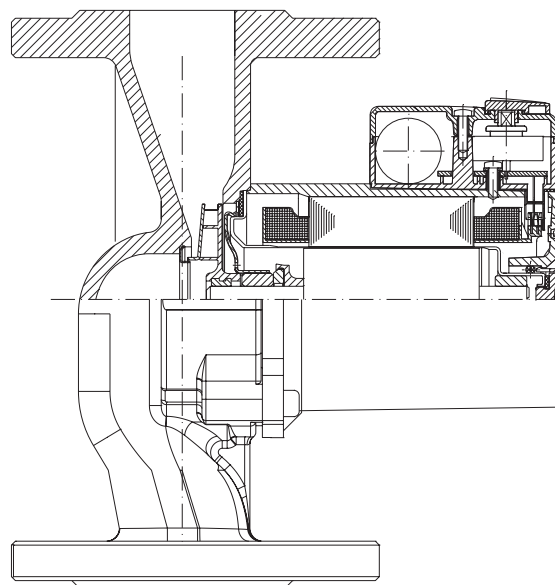


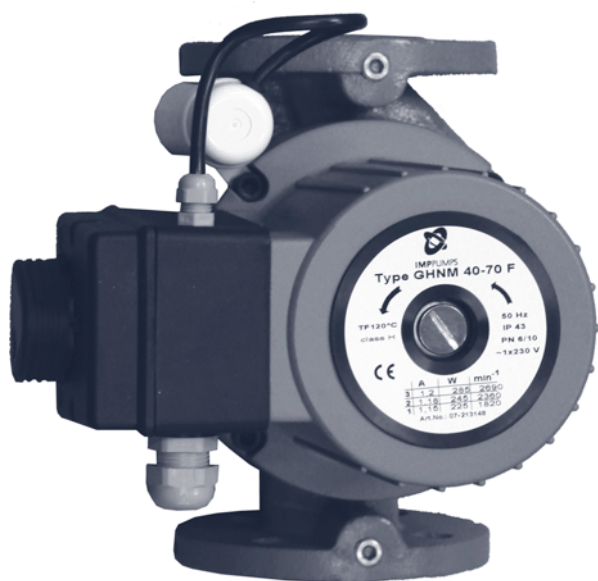


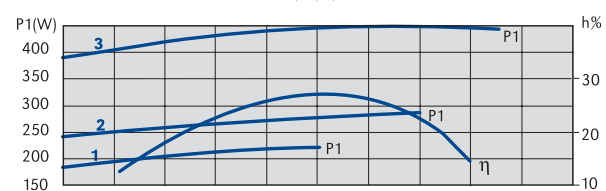
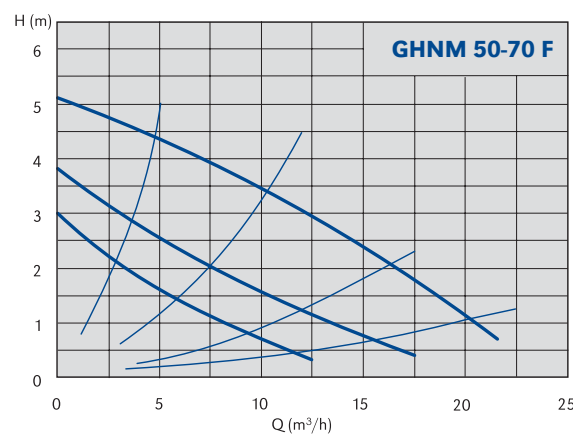
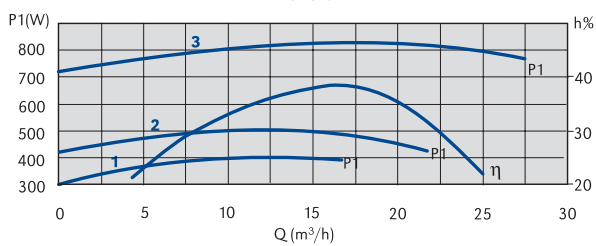
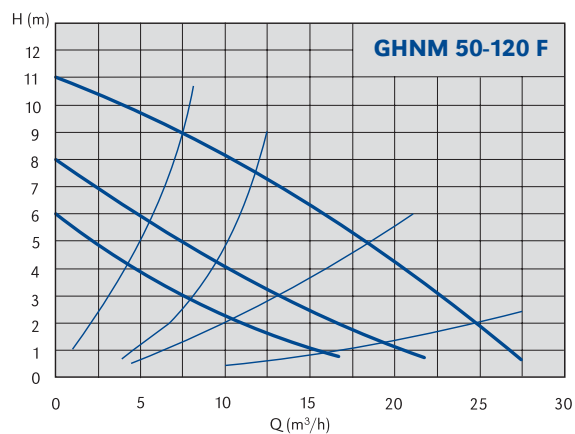
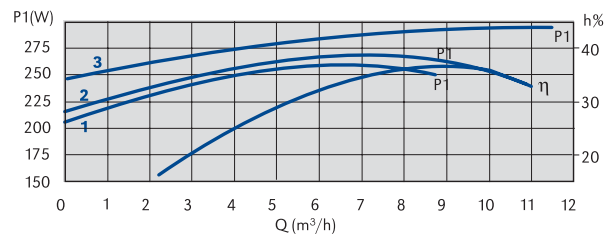
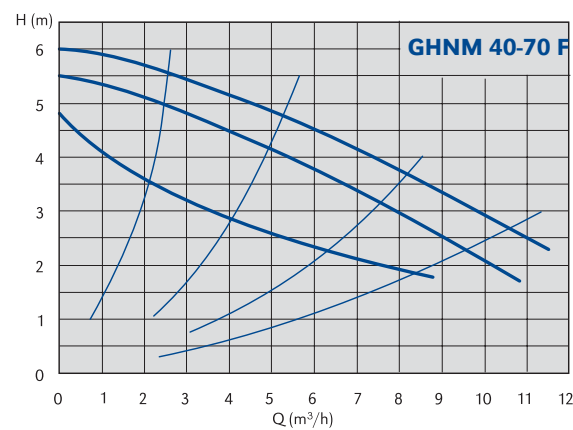
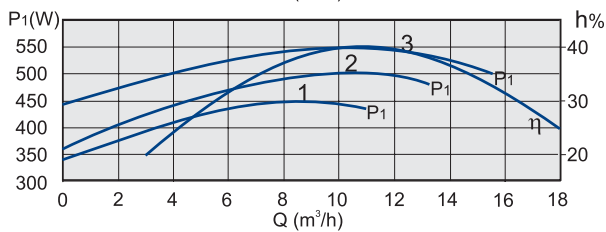
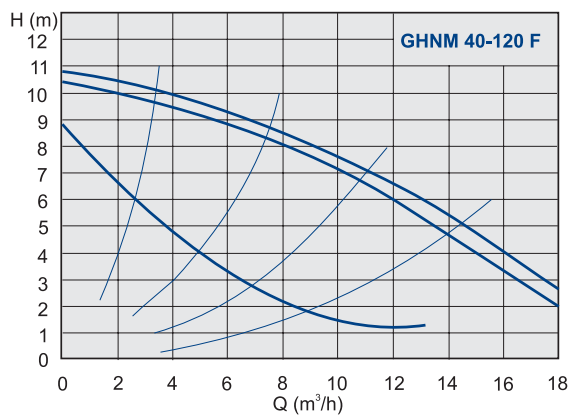




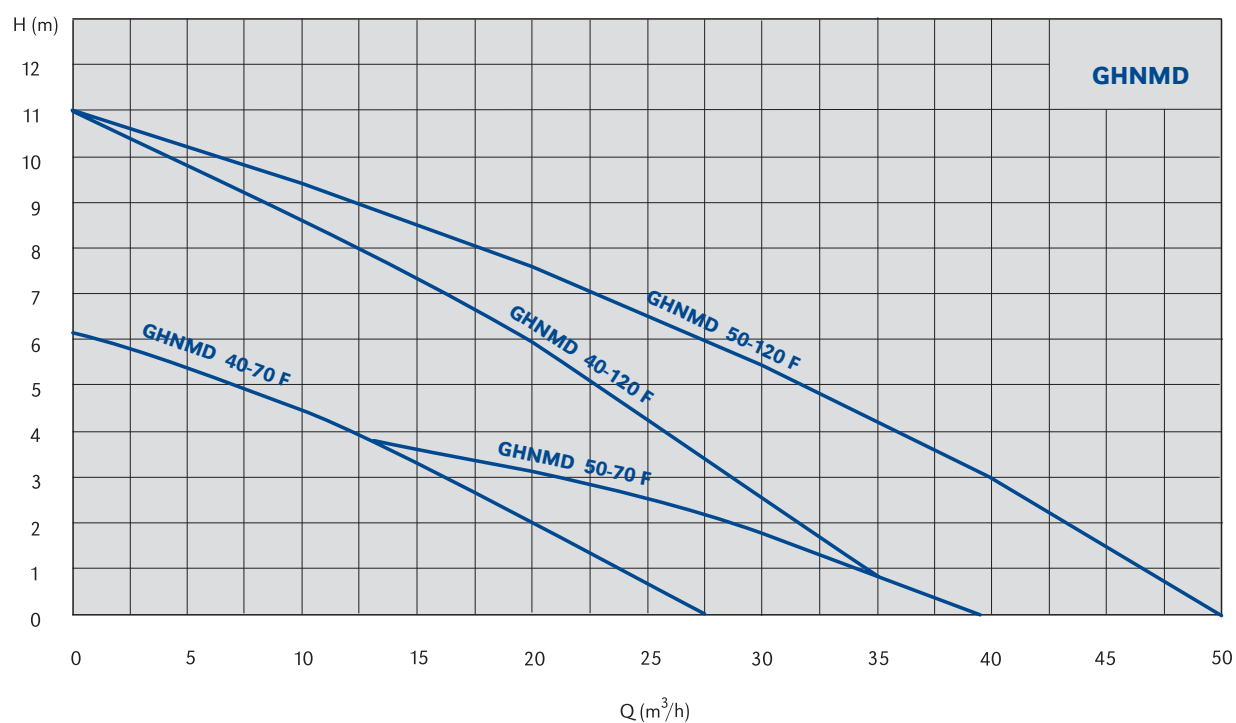
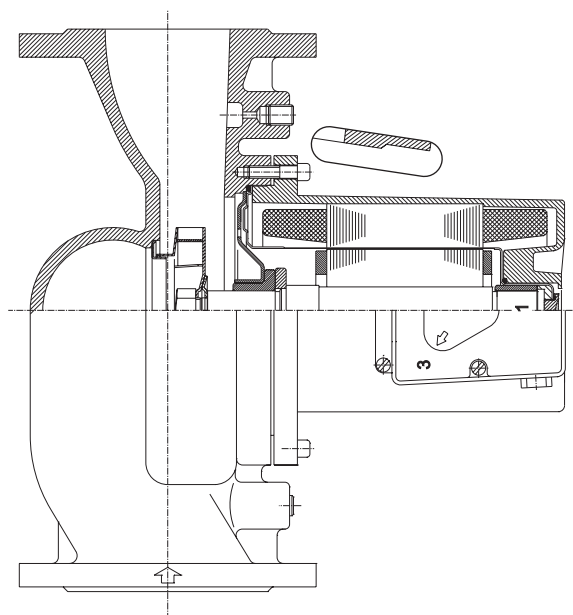
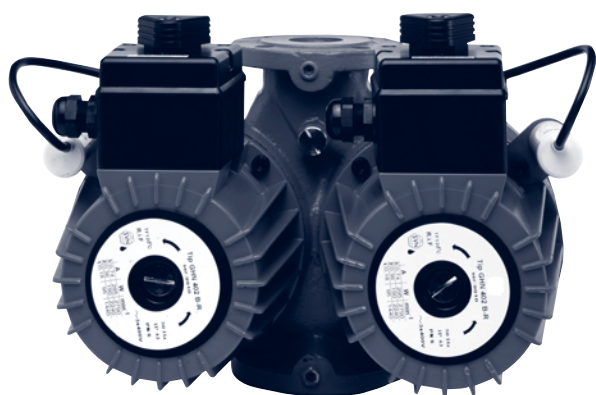
Three speeds circulation pumps with flanges - mono-phases voltage
Dreistufige Flanschumwälzpumpen mit manueller
Drehzahlumschaltung - einphasenstrom

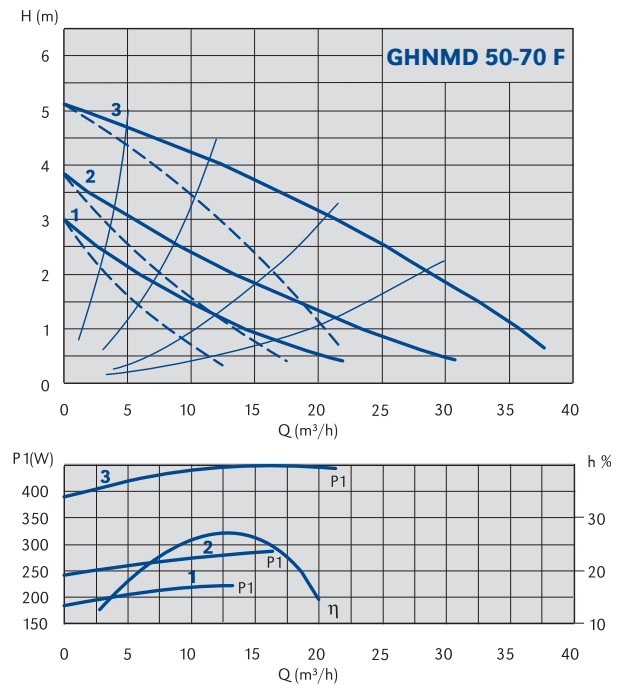
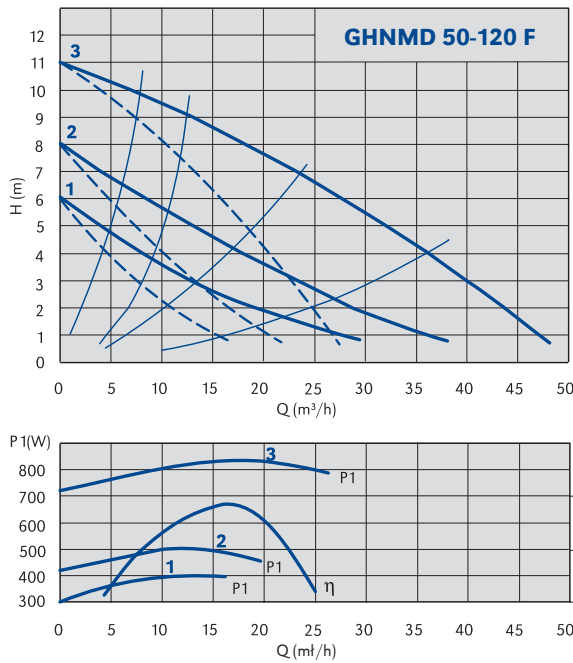
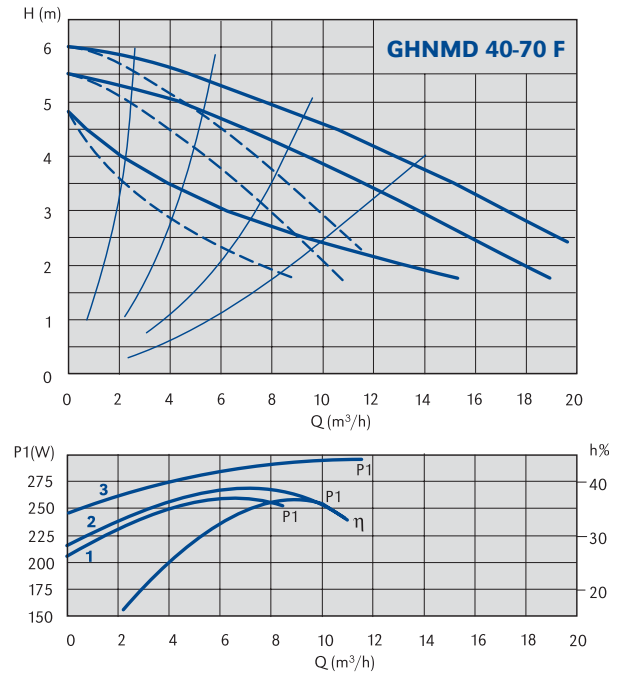
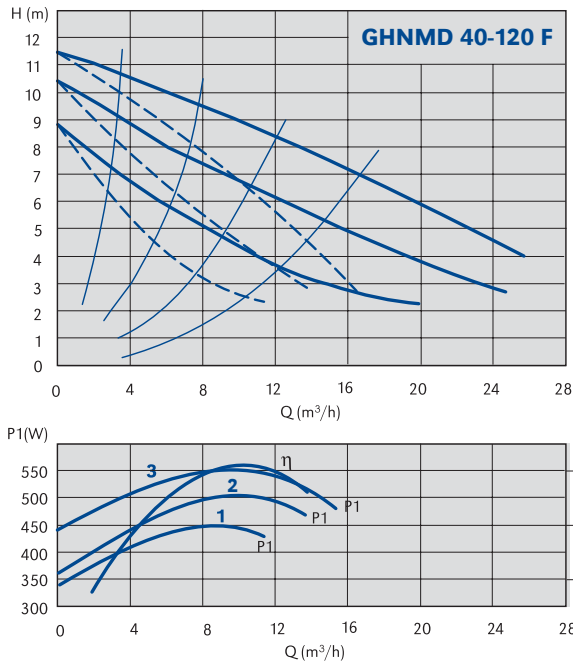






Three speeds twin circulation pumps with flanges - mono-phases voltage
Dreistufige Zwillingsumwälzpumpen mit manueller Drehzahlumschaltung
- einphasenstrom





TEHNICAL DATA / TECHNISCHE DATEN

pump type pumpentyp	code artikelnnummer	connection type rohranschluss	max. flow durchfluss Q (m³/h)	max. Head Förder- höhe H (m)	system pressure systemdruck PN (bar)	min. - max. media temperature temp. des medius Tmin-Tmax (°C)	casing type werkstoffe GG / Cast iron	single-S double-D einzelne-E zwillings- bauform-Z	weight gewicht (kg)	regulation geregelt yes /ja no /nein	degree of protection schutzart IP
GHN 15/40-130	979521960	Screw/Gewinde	3,5	4,0	PN 10	-10 – +110	GG/CI	S/E	2,2	no/nein	44
GHN 15/60-130	979521961	Screw/Gewinde	3,5	6,0	PN 10	-10 – +110	GG/CI	S/E	2,2	no/nein	44
GHN 15/65-130	979521962	Screw/Gewinde	4,0	6,5	PN 10	-10 – +110	GG/CI	S/E	2,2	no/nein	44
GHN 20/40-130	979521700	Screw/Gewinde	3,5	4,0	PN 10	-10 – +110	GG/CI	S/E	2,4	no/nein	44
GHN 25/40-130	979521701	Screw/Gewinde	3,5	4,0	PN 10	-10 – +110	GG/CI	S/E	2,4	no/nein	44
GHN 20/60-130	979521702	Screw/Gewinde	3,5	6,0	PN 10	-10 – +110	GG/CI	S/E	2,4	no/nein	44
GHN 25/60-130	979521703	Screw/Gewinde	3,5	6,0	PN 10	-10 – +110	GG/CI	S/E	2,4	no/nein	44
GHN 25/65-180	979521704	Screw/Gewinde	4,0	6,5	PN 10	-10 – +110	GG/CI	S/E	2,6	no/nein	44
GHN 32/65-180	979521705	Screw/Gewinde	4,0	6,5	PN 10	-10 – +110	GG/CI	S/E	3,0	no/nein	44
GHN 20/65-130	979521706	Screw/Gewinde	4,0	6,5	PN 10	-10 – +110	GG/CI	S/E	2,2	no/nein	44
GHN 25/65-130	979521707	Screw/Gewinde	4,0	6,5	PN 10	-10 – +110	GG/CI	S/E	2,4	no/nein	44
GHN 20/40-180	979521709	Screw/Gewinde	3,5	4,0	PN 10	-10 – +110	GG/CI	S/E	2,5	no/nein	44
GHN 25/40-180	979521710	Screw/Gewinde	3,5	4,0	PN 10	-10 – +110	GG/CI	S/E	2,6	no/nein	44
GHN 32/40-180	979521711	Screw/Gewinde	3,5	4,0	PN 10	-10 – +110	GG/CI	S/E	3	no/nein	44
GHN 20/60-180	979521712	Screw/Gewinde	3,5	6,0	PN 10	-10 – +110	GG/CI	S/E	2,6	no/nein	44
GHN 25/60-180	979521713	Screw/Gewinde	3,5	6,0	PN 10	-10 – +110	GG/CI	S/E	2,6	no/nein	44
GHN 32/60-180	979521714	Screw/Gewinde	3,5	6,0	PN 10	-10 – +110	GG/CI	S/E	3	no/nein	44
GHN 25/70-180	979521987	Screw/Gewinde	6,0	6,8	PN 10	-10 – +110	GG/CI	S/E	3,2	no/nein	44
GHN 32/70-180	979521983	Screw/Gewinde	6,0	6,8	PN 10	-10 – +110	GG/CI	S/E	3,2	no/nein	44
GHN 32/75-180	979522752	Screw/Gewinde	12	7,1	PN 10	-10 – +110	GG/CI	S/E		no/nein	44
GHN 32/80-180	979521944	Screw/Gewinde	8,4	8,0	PN 10	-10 – +110	GG/CI	S/E	4,8	no/nein	44
GHN 32/120-180	979522005	Screw/Gewinde	9,5	12	PN 10	-10 – +110	GG/CI	S/E	5,6	no/nein	44
GHND 32/70-180	979522021	Screw/Gewinde	10,8	6,4	PN 10	-10 – +110	GG/CI	D/Z	5,5	no/nein	44
GHND 32/80-180	979522022	Screw/Gewinde	14,4	7,3	PN 10	-10 – +110	GG/CI	D/Z	9,2	no/nein	44
GHND 32/120-180	979522023	Screw/Gewinde	14,3	10,8	PN 10	-10 – +110	GG/CI	D/Z	10	no/nein	44
GHN 40-120 F	979521446	Flanges/Flansche	20	12	PN 6 / 10	-10 – +120	GG/CI	S/E	20	no/nein	43
GHN 40-70 F	979521447	Flanges/Flansche	13	6	PN 6 / 10	-10 – +120	GG/CI	S/E	19	no/nein	43
GHN 440-40 F	979521448	Flanges/Flansche	10	3,5	PN 6 / 10	-10 – +120	GG/CI	S/E	18	no/nein	43
GHN 50-120 F	979521508	Flanges/Flansche	30	12	PN 6 / 10	-10 – +120	GG/CI	S/E	25	no/nein	43
GHN 50-70 F	979521509	Flanges/Flansche	25	6	PN 6 / 10	-10 – +120	GG/CI	S/E	25	no/nein	43
GHN 50-40 F	979521510	Flanges/Flansche	20	3,5	PN 6 / 10	-10 – +120	GG/CI	S/E	23	no/nein	43
GHN 65-120 F	979521470	Flanges/Flansche	50	12	PN 6 / 10	-10 – +120	GG/CI	S/E	31	no/nein	43
GHN 65-70 F	979521471	Flanges/Flansche	35	6	PN 6 / 10	-10 – +120	GG/CI	S/E	30	no/nein	43
GHN 65-40 F	979521472	Flanges/Flansche	33	3,5	PN 6 / 10	-10 – +120	GG/CI	S/E	30	no/nein	43
GHN 80-120 F	979521482	Flanges/Flansche	70	12	PN 6	-10 – +120	GG/CI	S/E	37	no/nein	43
GHN 80-70 F	979521483	Flanges/Flansche	70	12	PN 10	-10 – +120	GG/CI	S/E	36	no/nein	43
GHN 80-120 F (PN10)	979521496	Flanges/Flansche	60	6	PN 6	-10 – +120	GG/CI	S/E	37	no/nein	43
GHN 80-70 F (PN10)	979521497	Flanges/Flansche	60	6	PN 10	-10 – +120	GG/CI	S/E	36	no/nein	43
GHN 100-120F (PN 6)	979522756	Flanges/Flansche	75	11,5	PN 6	-10 – +120	GG/CI	S/E		no/nein	43
GHN 100-120 (PN 10)	979522755	Flanges/Flansche	75	11,5	PN 10	-10 – +120	GG/CI	S/E		no/nein	43
GHND 40-120 F	979521452	Flanges/Flansche	34	12	PN 6 / 10	-10 – +120	GG/CI	D/Z	35	no/nein	43
GHND 40-70 F	979521453	Flanges/Flansche	22	6	PN 6 / 10	-10 – +120	GG/CI	D/Z	35	no/nein	43
GHND 40-40 F	979521454	Flanges/Flansche	18	3,5	PN 6 / 10	-10 – +120	GG/CI	D/Z	34	no/nein	43
GHND 50-120 F	979521464	Flanges/Flansche	55	12	PN 6 / 10	-10 – +120	GG/CI	D/Z	47	no/nein	43
GHND 50-70 F	979521465	Flanges/Flansche	45	6	PN 6 / 10	-10 – +120	GG/CI	D/Z	46	no/nein	43
GHND 50-40 F	979521466	Flanges/Flansche	38	3,5	PN 6 / 10	-10 – +120	GG/CI	D/Z	44	no/nein	43
GHND 65-120 F	979521476	Flanges/Flansche	85	12	PN 6 / 10	-10 – +120	GG/CI	D/Z	56	no/nein	43
GHND 65-70 F	979521477	Flanges/Flansche	60	6	PN 6 / 10	-10 – +120	GG/CI	D/Z	52	no/nein	43
GHND 65-40 F	979521478	Flanges/Flansche	55	3,5	PN 6 / 10	-10 – +120	GG/CI	D/Z	49	no/nein	43
GHND 80-120 F	979521488	Flanges/Flansche	120	12	PN 6	-10 – +120	GG/CI	D/Z	60	no/nein	43
GHND 80-70 F	979521489	Flanges/Flansche	95	6	PN 6	-10 – +120	GG/CI	D/Z	57	no/nein	43
GHND 80-120 F (PN10)	979521993	Flanges/Flansche	120	12	PN 10	-10 – +110	GG/CI	D/Z	60	no/nein	44
GHND 80-70 F (PN10)	979521994	Flanges/Flansche	95	6	PN 10	-10 – +120	GG/CI	D/Z	57	no/nein	43
GHNM 40/75 F 220	979522753	Flanges/Flansche	12	7,1	PN 10	-10 – +110	GG/CI	S/E		no/nein	43
GHNM 40/80 F 220	979522754	Flanges/Flansche	10,25	7,4	PN 10	-10 – +110	GG/CI	S/E		no/nein	43

TEHNICAL DATA / TECHNISCHE DATEN

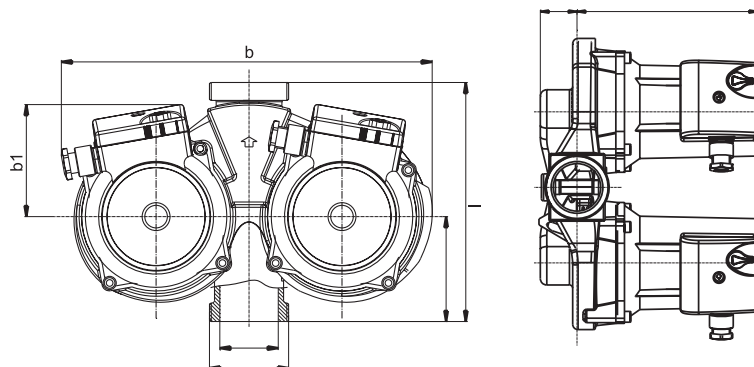
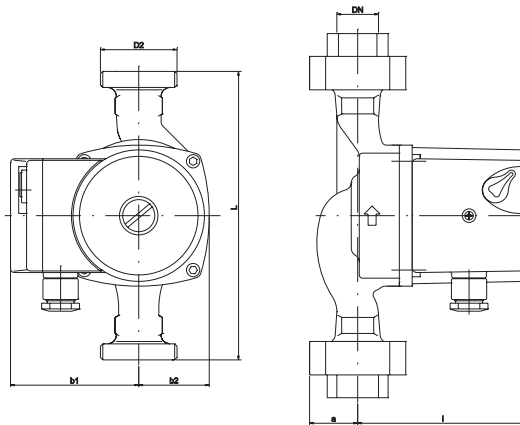
pump type pumpentyp	code artikelnummer	connection type rohranschluss	max. flow durchfluss Q (m³/h)	max. Head Förder- höhe H (m)	system pressure systemdruck PN (bar)	min. - max. media temperature temp. des medius Tmin-Tmax (°C)	casing type werkstoffe GG / Cast iron	single-S double-D einzelne-E zwillings- bauform-Z	weight gewicht (kg)	regulation geregelt yes /ja no /nein	degree of protection schutzart IP
GHNM 40 - 120 F	979521449	Flanges/Flansche	16	12	PN 6 / 10	-10 – +120	GG/CI	D/Z	20	no/nein	43
GHNM 40 - 70 F	979521450	Flanges/Flansche	11	6	PN 6 / 10	-10 – +120	GG/CI	S/E	18	no/nein	43
GHNM 50 - 120 F	979521511	Flanges/Flansche	28	12	PN 6 / 10	-10 – +120	GG/CI	S/E	25	no/nein	43
GHNM 50 - 70 F	979521462	Flanges/Flansche	22	6	PN 6 / 10	-10 – +120	GG/CI	S/E	23	no/nein	43
GHNMD 40 - 120 F	979521455	Flanges/Flansche	26	12	PN 6 / 10	-10 – +120	GG/CI	D/Z	39	no/nein	43
GHNMD 40 - 70 F	979521456	Flanges/Flansche	20	6	PN 6 / 10	-10 – +120	GG/CI	D/Z	35	no/nein	43
GHNMD 50 - 120 F	979521467	Flanges/Flansche	48	12	PN 6 / 10	-10 – +120	GG/CI	D/Z	49	no/nein	43
GHNMD 50 - 70 F	979521468	Flanges/Flansche	38	6	PN 6 / 10	-10 – +120	GG/CI	D/Z	44	no/nein	43

DIMENSIONS / MAßE

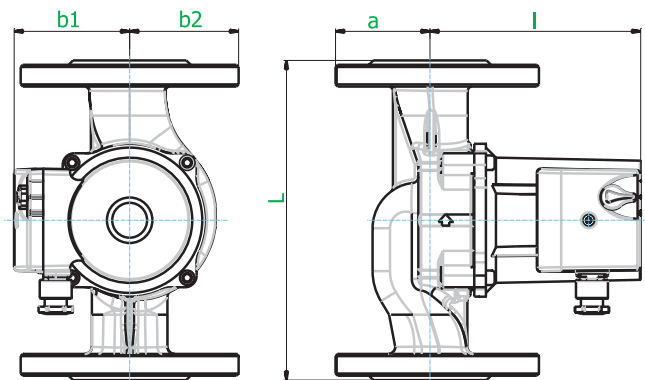
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	GHN 15/60-130	979521961	130	DN 15	28	108	80	44			
	GHN 15/65-130	979521962	130	DN 15	28	108	80	44			
	GHN 20/40-130	979521700	130	DN 20	28	108	80	44			
	GHN 25/40-130	979521701	130	DN 25	28	108	80	44			
	GHN 20/60-130	979521702	130	DN 20	28	108	80	44			
	GHN 25/60-130	979521703	130	DN 25	28	108	80	44			
	GHN 25/65-180	979521704	180	DN 25	28	108	80	44			
	GHN 32/65-180	979521705	180	DN 32	30	108	80	44			
	GHN 20/65-130	979521706	130	DN 20	28	108	80	44			
	GHN 25/65-130	979521707	130	DN 25	28	108	80	44			
	GHN 20/40-180	979521709	180	DN 20	28	108	80	44			
	GHN 25/40-180	979521710	180	DN 25	28	108	80	44			
	GHN 32/40-180	979521711	180	DN 32	30	108	80	44			
	GHN 20/60-180	979521712	180	DN 20	28	108	80	44			
	GHN 25/60-180	979521713	180	DN 25	28	108	80	44			
	GHN 32/60-180	979521714	180	DN 32	30	108	80	44			
	GHN 25/70-180	979521987	180	DN 25	30	108	80	44			
	GHN 32/70-180	979521983	180	DN 32	30	108	80	44			
	GHN 32/75-180	979522752	180	DN 32	65	174	80	75			
	GHN 32/80-180	979522005	180	DN 32	31	150	80	57			
	GHN 32/120-180	979521944	180	DN 32	31	173	80	67			
2	GHND 32/70-180	979522021	180	DN 32	29	212	85			240	78
	GHND 32/80-180	979522022	180	DN 32	40	142	85			255	77,5
	GHND 32/120-180	979522023	180	DN 32	34	168	85			280	79
4	GHN 40-120 F	979521446	250	DN 40	65	198	153	92	1/4"		
	GHN 40-70 F	979521447	250	DN 40	65	198	153	92	1/4"		
	GHN 440-40 F	979521448	250	DN 40	65	198	153	92	1/4"		
	GHN 50-120 F	979521508	280	DN 50	70	250	160	113	1/4"		
	GHN 50-70 F	979521509	280	DN 50	70	250	160	113	1/4"		
	GHN 50-40 F	979521510	280	DN 50	70	250	160	113	1/4"		
	GHN 65-120 F	979521470	340	DN 65	80	252	160	123	1/4"		
	GHN 65-70 F	979521471	340	DN 65	80	252	160	123	1/4"		
	GHN 65-40 F	979521472	340	DN 65	80	252	160	123	1/4"		
	GHN 80-120 F	979521482	360	DN 80	100	257	160	129,5	1/4"		
	GHN 80-70 F	979521483	360	DN 80	100	257	160	129,5	1/4"		
	GHN 80-120 F (PN10)	979521496	360	DN 80	100	257	160	129,5	1/4"		
	GHN 80-70 F (PN10)	979521497	360	DN 80	100	257	160	129,5	1/4"		
	GHN 100-120 F (PN 6)	979522756	360	DN 100	110	257	160	130	1/4"		
	GHN 100-120 F (PN 10)	979522755	360	DN 100	110	257	160	130	1/4"		
5	GHND 40-120 F	979521452	250	DN 40	62	198	153		1/4"	346	110
	GHND 40-70 F	979521453	250	DN 40	62	198	153		1/4"	346	110
	GHND 40-40 F	979521454	250	DN 40	62	198	153		1/4"	346	110
	GHND 50-120 F	979521464	280	DN 50	70	250	160		1/4"	400	121
	GHND 50-70 F	979521465	280	DN 50	70	250	160		1/4"	400	121
	GHND 50-40 F	979521466	280	DN 50	70	250	160		1/4"	400	121
	GHND 65-120 F	979521476	340	DN 65	80	252	160		1/4"	450	141
	GHND 65-70 F	979521477	340	DN 65	80	252	160		1/4"	450	141
	GHND 65-40 F	979521478	340	DN 65	80	252	160		1/4"	450	141
	GHND 80-120 F	979521488	360	DN 80	95	257	160		1/4"	470	146
	GHND 80-70 F	979521489	360	DN 80	95	257	160		1/4"	470	146
	GHND 80-120 F (PN10)	979521993	360	DN 80	95	257	160		1/4"	470	146
	GHND 80-70 F (PN10)	979521994	360	DN 80	95	257	160		1/4"	470	146
3	GHNM 40/75-F 220	979522752	220	DN 40	65	174	80	75			
	GHNM 40/80 F220	979522754	220	DN 40	65	145	80	75			

DIMENSIONS / MAßE

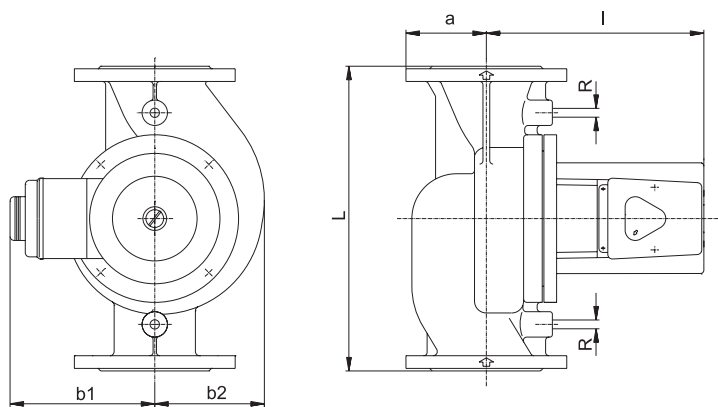
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	GHNM 40 - 70 F	979521450	250	DN 40	65	198	153	92	1/4"		
	GHNM 50 - 120 F	979521511	280	DN 50	70	250	160	113	1/4"		
	GHNM 50 - 70 F	979521462	280	DN 50	70	250	160	113	1/4"		
5	GHNMD 40 - 120 F	979521455	250	DN 40	62	198	153		1/4"	346	110
	GHNMD 40 - 70 F	979521456	250	DN 40	62	198	153		1/4"	346	110
	GHNMD 50 - 120 F	979521467	280	DN 50	70	250	160		1/4"	400	121
	GHNMD 50 - 70 F	979521468	280	DN 50	70	250	160		1/4"	400	121



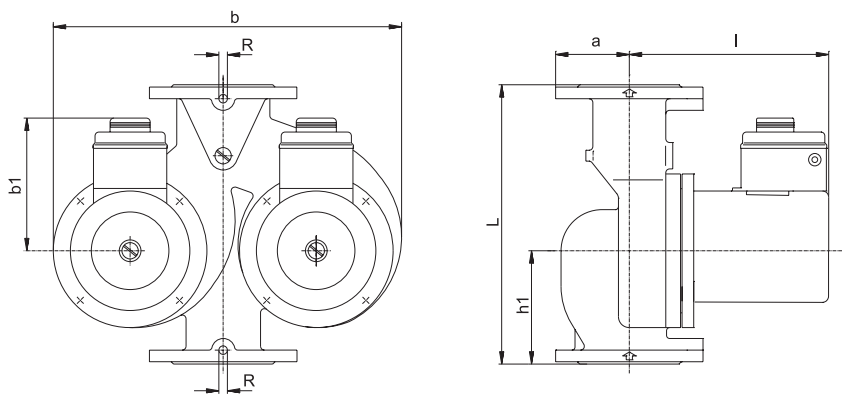
3



4



5

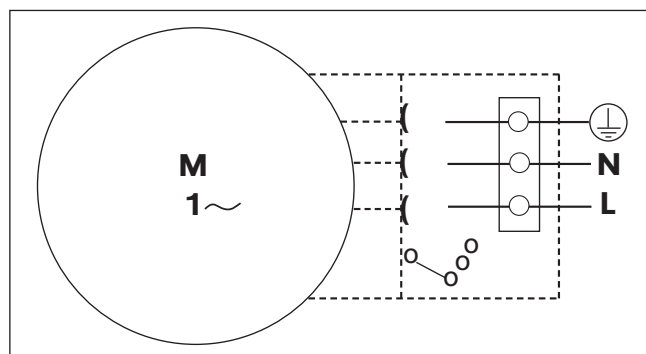


ELECTRICAL DATA / ELEKTRISCHE DATEN							MAX WORKING PRESSURE (bar) MAX ZÜSSLIGER BETRIEBSDRUCK		
pump type pumpentyp	code artikelnummer	power max. leistung- saufnahme P (W)	speed range drehzahlstufe (min-1)	FLC I nennstrom In (A)	electrical voltage elektroanschluss I (V)	insulating class isoliationsklasse	temperature / temperatur		
							50°C	80°C	110°C
GHN 15/40-130	979521960	50	1315 - 2456	0,17 - 0,23	230 V	H	0,05	0,4	1,1
GHN 15/60-130	979521961	90	1080 - 1980	0,17 - 0,39	230 V	H	0,05	0,4	1,1
GHN 15/65-130	979521962	95	1080 - 1980	0,19 - 0,44	230 V	H	0,05	0,4	1,1
GHN 20/40-130	979521700	50	1315 - 2456	0,17 - 0,23	230 V	H	0,05	0,4	1,1
GHN 25/40-130	979521701	50	1315 - 2456	0,17 - 0,23	230 V	H	0,05	0,4	1,1
GHN 20/60-130	979521702	90	1080 - 1980	0,17 - 0,39	230 V	H	0,05	0,4	1,1
GHN 25/60-130	979521703	90	1080 - 1980	0,17 - 0,39	230 V	H	0,05	0,4	1,1
GHN 25/65-180	979521704	95	1080 - 1980	0,19 - 0,44	230 V	H	0,05	0,4	1,1
GHN 32/65-180	979521705	95	1080 - 1980	0,19 - 0,44	230 V	H	0,05	0,4	1,1
GHN 20/65-130	979521706	95	1080 - 1980	0,19 - 0,44	230 V	H	0,05	0,4	1,1
GHN 25/65-130	979521707	95	1080 - 1980	0,19 - 0,44	230 V	H	0,05	0,4	1,1
GHN 20/40-180	979521709	50	1315 - 2456	0,17 - 0,23	230 V	H	0,05	0,4	1,1
GHN 25/40-180	979521710	50	1315 - 2456	0,17 - 0,23	230 V	H	0,05	0,4	1,1
GHN 32/40-180	979521711	50	1315 - 2456	0,17 - 0,23	230 V	H	0,05	0,4	1,1
GHN 20/60-180	979521712	90	1080 - 1980	0,17 - 0,39	230 V	H	0,05	0,4	1,1
GHN 25/60-180	979521713	90	1080 - 1980	0,17 - 0,39	230 V	H	0,05	0,4	1,1
GHN 32/60-180	979521714	90	1080 - 1980	0,17 - 0,39	230 V	H	0,05	0,4	1,1
GHN 25/70-180	979521987	140	1109 - 2340	0,39 - 0,62	230 V	H	0,05	0,4	1,1
GHN 32/70-180	979521983	140	1109 - 2340	0,39 - 0,62	230 V	H	0,05	0,4	1,1
GHN 32/75-180	979522752	265			230 V	H			
GHN 32/80-180	979521944	210	1150 - 2450	0,46 - 0,91	230 V	H	0,05	0,4	1,2
GHN 32/120-180	979522005	260	1150 - 2450	0,75 - 1,15	230 V	H	0,05	0,4	1,2
GHND 32/70-180	979522021	270			230 V	H			
GHND 32/80-180	979522022	393			230 V	H			
GHND 32/120-180	979522023	509			230 V	H			
GHN 40-120 F	979521446	580	1250 - 2820	0,34 - 1,45	3 x 400 V	H	0,05	0,8	1,4
GHN 40-70 F	979521447	320	1440 - 2790	0,22 - 0,75	3 x 400 V	H	0,05	0,8	1,4
GHN 440-40 F	979521448	200	660 - 1440	0,11 - 0,7	3 x 400 V	H	0,05	0,8	1,4
GHN 50-120 F	979521508	1060	1270 - 2800	0,46 - 1,73	3 x 400 V	H	0,3	1	1,6
GHN 50-70 F	979521509	470	560 - 1400	0,2 - 1,15	3 x 400 V	H	0,3	1	1,6
GHN 50-40 F	979521510	270	620 - 1450	0,21 - 1,0	3 x 400 V	H	0,3	1	1,6
GHN 65-120 F	979521470	1640	1250 - 2810	0,84 - 2,9	3 x 400 V	H	0,3	1	1,6
GHN 65-70 F	979521471	520	450 - 1370	0,22 - 1,2	3 x 400 V	H	0,3	1	1,6
GHN 65-40 F	979521472	360	600 - 1430	0,22 - 1,1	3 x 400 V	H	0,3	1	1,6
GHN 80-120 F	979521482	2460	1200 - 2800	1,16 - 4,2	3 x 400 V	H	0,3	1	1,6
GHN 80-70 F	979521483	1030	600 - 1350	0,42 - 2,2	3 x 400 V	H	0,3	1	1,6
GHN 80-120 F (PN10)	979521496	2200	1200 - 2800	1,16 - 4,2	3 x 400 V	H	0,3	1	1,6
GHN 80-70 F (PN10)	979521497	960	600 - 1350	0,42 - 2,2	3 x 400 V	H	0,3	1	1,6
GHN 100-120 F (PN 6)	979522756	2460			3 x 400 V	H			
GHN 100-120 F (PN 10)	979522755	2460			3 x 400 V	H			
GHND 40-120 F	979521452	560	1250 - 2820	0,34 - 1,45	3 x 400 V	H	0,05	0,8	1,4
GHND 40-70 F	979521453	320	1440 - 2790	0,22 - 0,75	3 x 400 V	H	0,05	0,8	1,4
GHND 40-40 F	979521454	240	660 - 1440	0,11 - 0,70	3 x 400 V	H	0,05	0,8	1,4
GHND 50-120 F	979521464	950	1270 - 2800	0,46 - 1,73	3 x 400 V	H	0,3	1	1,6
GHND 50-70 F	979521465	470	560 - 1400	0,2 - 1,15	3 x 400 V	H	0,3	1	1,6
GHND 50-40 F	979521466	340	620 - 1450	0,21 - 1,0	3 x 400 V	H	0,3	1	1,6
GHND 65-120 F	979521476	1560	1250 - 2810	0,84 - 2,9	3 x 400 V	H	0,3	1	1,6
GHND 65-70 F	979521477	600	450 - 1370	0,22 - 1,20	3 x 400 V	H	0,3	1	1,6
GHND 65-40 F	979521478	400	600 - 1430	0,22 - 1,1	3 x 400 V	H	0,3	1	1,6
GHND 80-120 F	979521488	2200	1200 - 2800	1,16 - 4,2	3 x 400 V	H	0,3	1	1,6
GHND 80-70 F	979521489	960	600 - 1350	0,42 - 2,2	3 x 400 V	H	0,3	1	1,6
GHND 80-120 F (PN10)	979521993	2200	1200 - 2800	1,16 - 4,2	3 x 400 V	H	0,3	1	1,6
GHND 80-70 F (PN10)	979521994	960	600 - 1350	0,42 - 2,2	3 x 400 V	H	0,3	1	1,6
GHNM 40/75 F 220	979522753	269			230 V	H			
GHNM 40/80 F220	979522754	197			230 V	H			

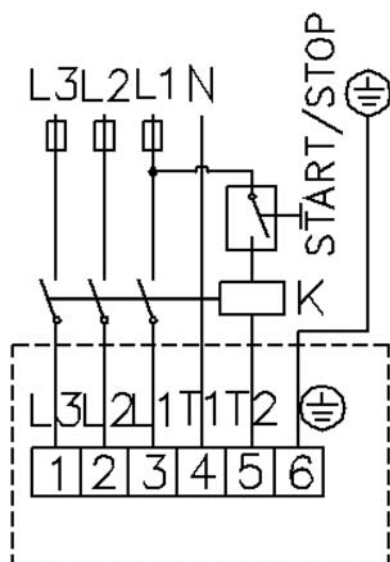


ELECTRICAL DATA / ELEKTRISCHE DATEN							MAX WORKING PRESSURE (bar) MAX ZÜLASSIGER BETRIEBSDRUCK		
pump type pumpentyp	code artikelnummer	power max. leistung- saufnahme P (W)	speed range drehzahlstufe (min-1)	FLC I nennstrom I _n (A)	electrical voltage elektroanschluss I (V)	insulating class isolationsklasse	temperature / temperatur		
							50°C	80°C	110°C
GHNM 40 - 120 F	979521449	550	1270 - 2755	1,85 - 2,35	230 V	H	0,05	0,8	1,4
GHNM 40 - 70 F	979521450	290	1820 - 2690	1,15 - 1,19	230 V	H	0,05	0,8	1,4
GHNM 50 - 120 F	979521511	830	1450 - 2720	1,7 - 3,6	230 V	H	0,3	1	1,6
GHNM 50 - 70 F	979521462	450	740 - 1260	1 - 1,85	230 V	H	0,3	1	1,6
GHNMD 40 - 120 F	979521455	550	1270 - 2755	1,85 - 2,35	230 V	H	0,05	0,8	1,4
GHNMD 40 - 70 F	979521456	290	1820 - 2690	1,15 - 1,19	230 V	H	0,05	0,8	1,4
GHNMD 50 - 120 F	979521467	830	1450 - 2720	1,7 - 3,6	230 V	H	0,3	1	1,6
GHNMD 50 - 70 F	979521468	450	740 - 1260	1 - 1,85	230 V	H	0,3	1	1,6

1



2



Connection and description of electric connectors:

THREE PHASE CONNECTION

Terminal 1 (LR3):

Phase L3 (T) AC power source 3-400 V/50 Hz

Terminal 2 (L2):

Phase L2 (S) AC power source 3-400 V/50 Hz

Terminal 3 (L1):

Phase L1 (R) AC power source 3-400 V/50 Hz

Terminal 4 (T1):

Neutral N AC power source 3-400 V/50 Hz

It is used to activate thermal protection.

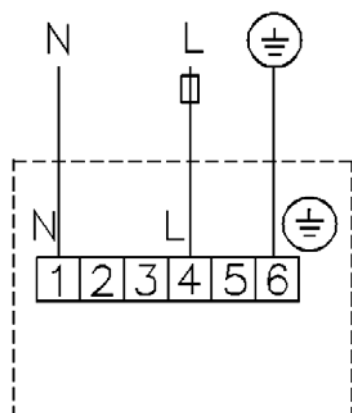
Terminal 5 (T2):

Connection of external on/of relay.

Terminal 6:

Connect to the earth ground wire.

3



Connection and description of electric connectors:

MONO PHASE CONNECTION

Terminal 1 (N):

Neutral N AC power source 1-230 V/50 Hz

Terminal 4 (T1):

Phase L1 (R) or L2 (S) or L3 (T) AC power source 1-230 V/50 Hz

Terminal 6:

Connect to the earth ground wire.

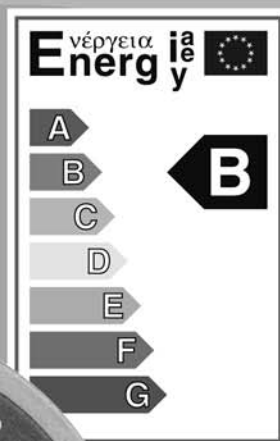
Note:

The connection includes the thermal protection. Other connections on the terminal are used for internal use. They cannot be connected with any electrical stress.



IMPPUMPS

THE HONEST PRODUCT FOR THE HONEST PRICE



Typ:
GHN 25/40



EU
TF 110
230 V / 50 Hz
IP 44 class H
Max 10 bar

In (A)	P _r (W)
0,17	40 (1)
0,29	67 (2)
0,39	90 (3)

CIRCULATING PUMP

UMWÄLZPUMPE