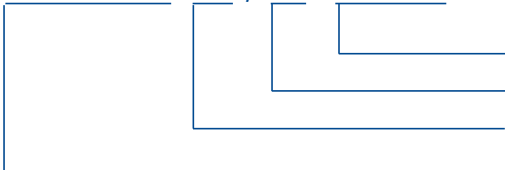


Electronically controlled circulating pumps Elektronisch geregelte Heizungsumwälzpumpen

TEHNICAL FEATURES / TECHNISCHE MERKMALE		EGHN SMART	EGHN	EGHD	EGHN - L	EGHD - L
Connections / Nenweite	DN (")	15, 20, 25, 32	40 do 80	40 do 80	40 do 80	40 do 80
Connection type / Rohranschluss		Screw Type/Gewind	Flanges / Flansche	Flanges / Flansche	Flanges / Flansche	Flanges / Flansche
Flow max / Förderstrom max	Q (m ³ /h)	3,8	68	130	80	140
Head max / Förderhöhe	H (m)	6	12	12	12	12
Pressure rated / Betriebsdruck	PN (bar)	10	6 / 10	6	6 / 10	6
Power max / Leistungsaufnahme max	P (W)	95	1270	1270	2180	2180
Electrical voltage / Elektroanschluss	V	1 ~ 230 AC	1 ~ 230 AC	1 ~ 230 AC	1 ~ 230 AC	1 ~ 230 AC
Degree of protection / Schutzart	IP	44	43	43	43	43
Regulation / Regelung		yes / ja	Frequency inverter Frequenzumformer	Frequency inverter Frequenzumformer	Frequency inverter Frequenzumformer	Frequency inverter Frequenzumformer
Media temperature / Temperaturbereich T(°C)		+5 do +95	+15 do +110	+15 do +110	+5 do +110	+5 do +110
Insulating class / Isolationsklasse		H	H	H	H	H
Casing type / Werkstoffe		GG / Cast iron	GG / Cast iron	GG / Cast iron	GG / Cast iron	GG / Cast iron
Duble pump / Zwillingspumpe		no / nein	no / nien	yes / ja	no / nien	yes / ja
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

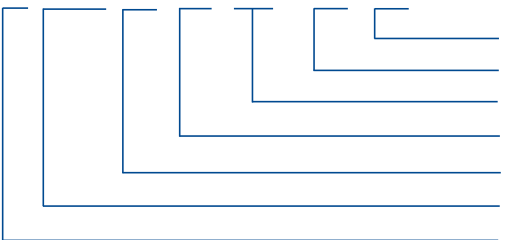
EGHN SMART 25 / 60 - 130 (180)



instalation lenght / einbaulänge
max head / förderhöhe
connection size / nennweite **DN**
circulating pump / Umwälzpumpe

Pump markings / Typenschlüssel

E GHN D L 40 - 100 F



connection type - **F**lange / Rohranschluss - **F**lansche
max head / förderhöhe
connection size / nennweite **DN**
separated frequency inverter / abwickelbar Frequenzumformer
twin pump - **D** / zwillingsbauform- **D**
pump type / pumpentyp
electronic controlled / Elektronisch geregelt

Permitted mounting positions / Einbaumöglichkeiten



EGHN

EGHD

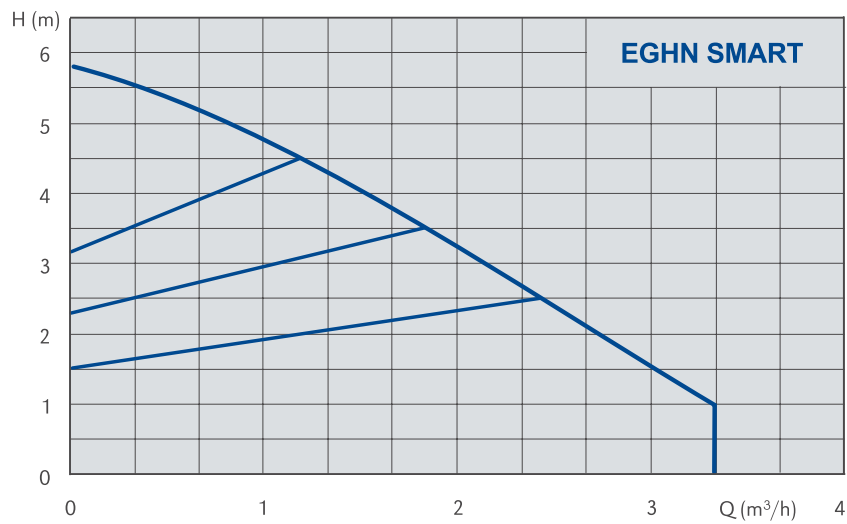
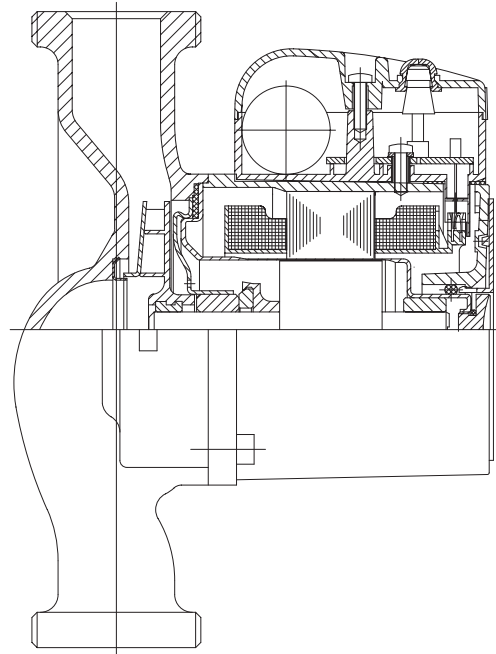
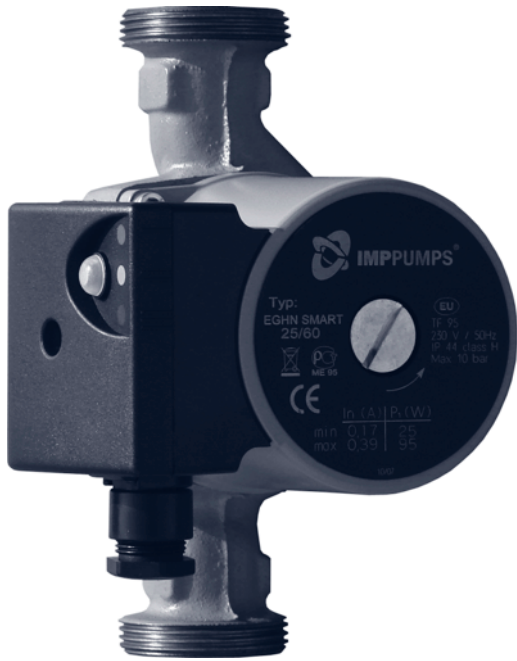


EGHN-L

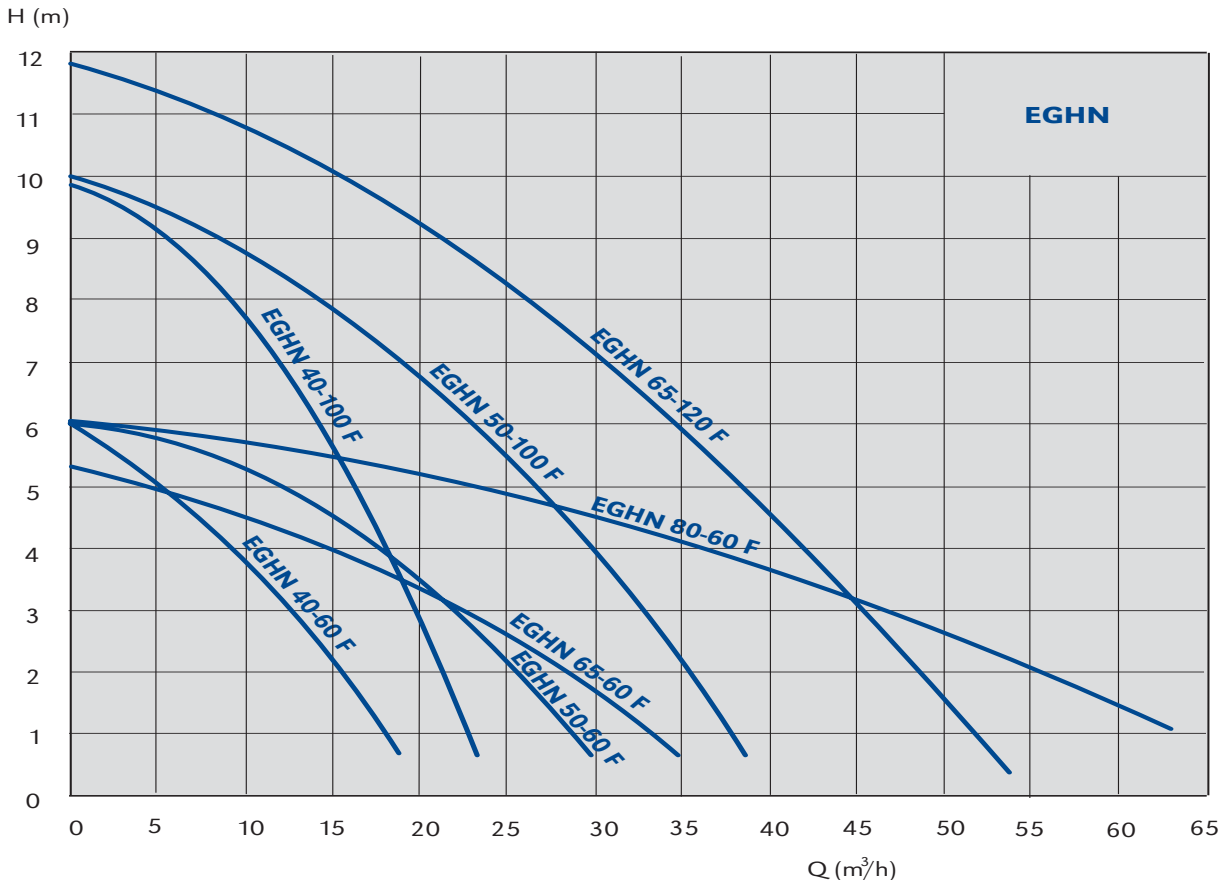
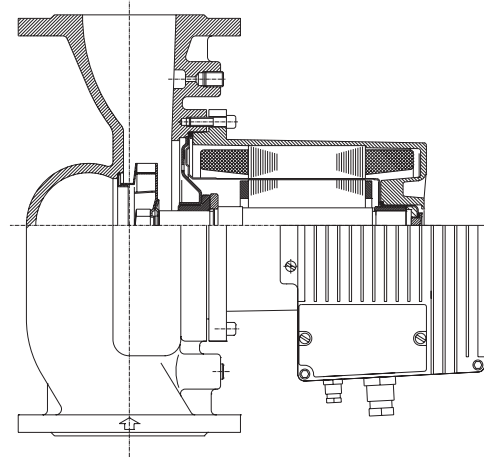
EGHD-L

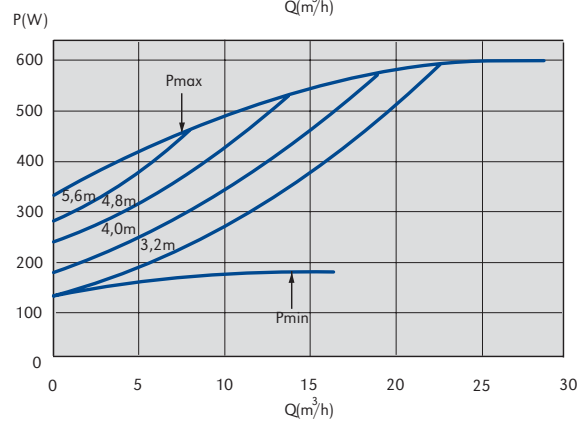
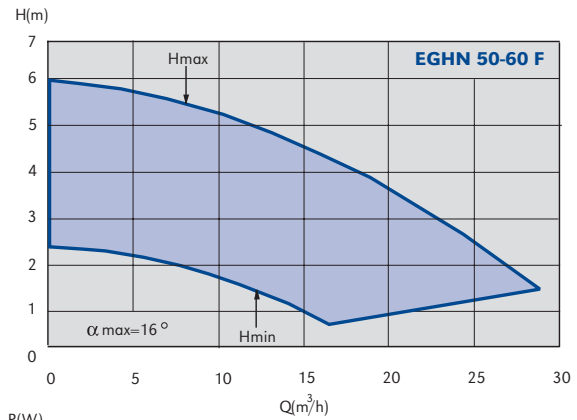
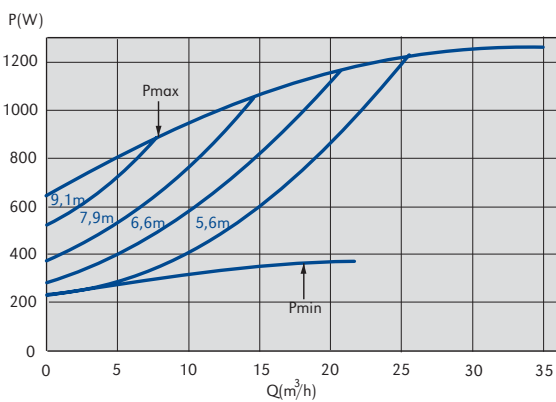
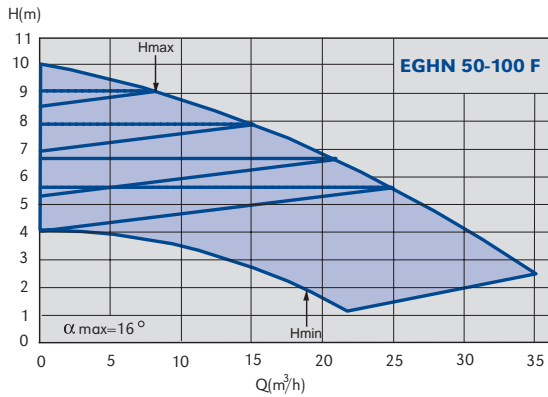
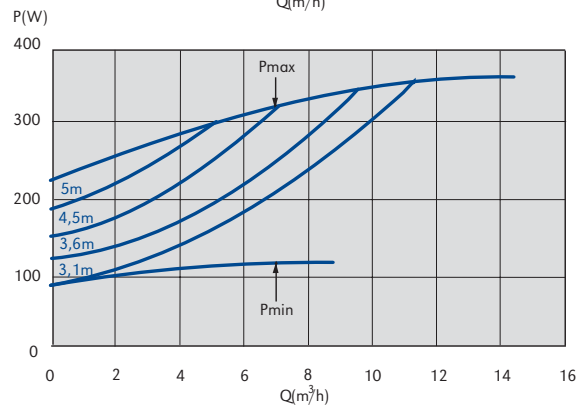
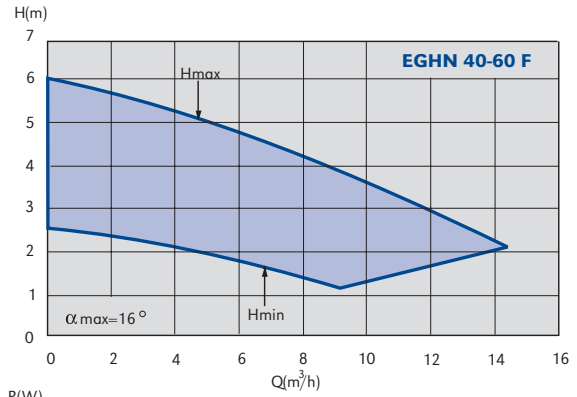
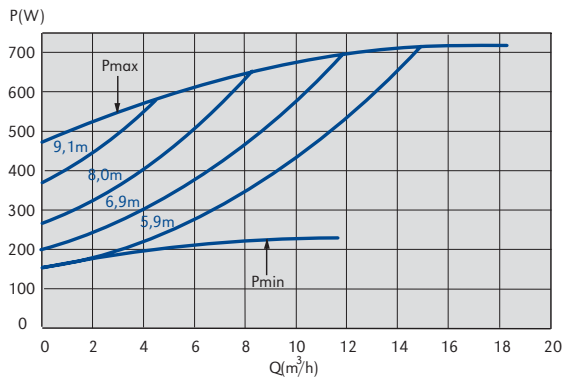
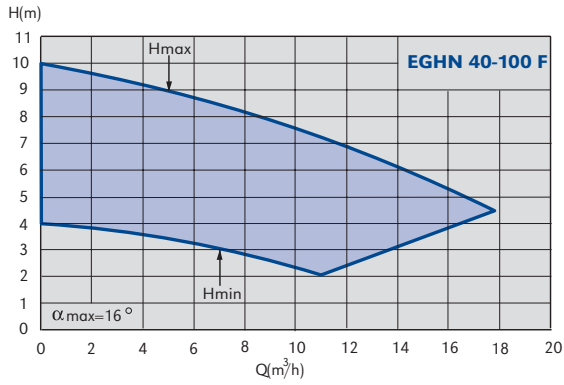


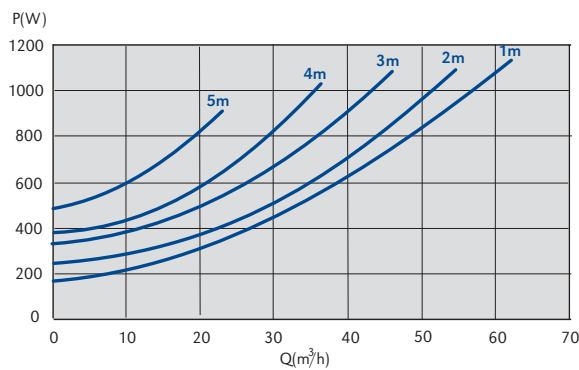
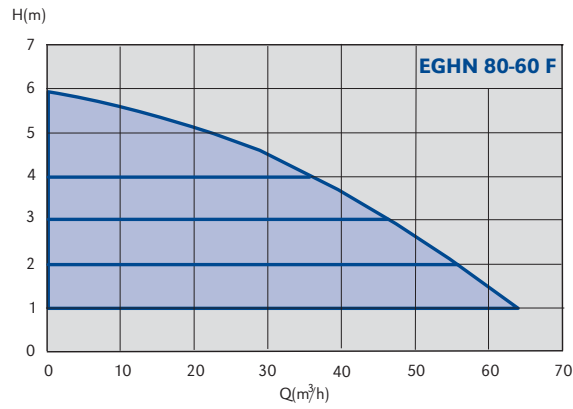
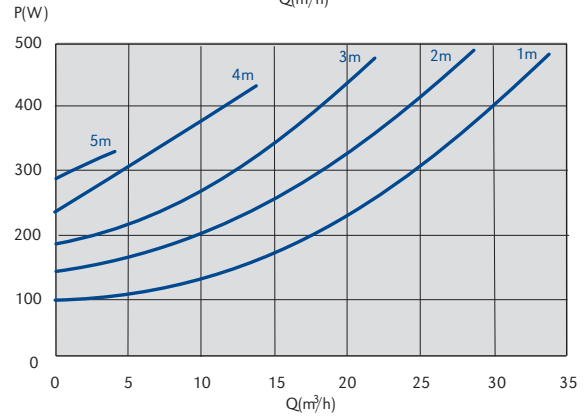
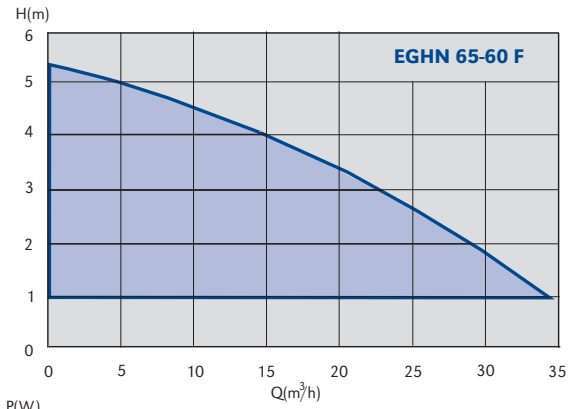
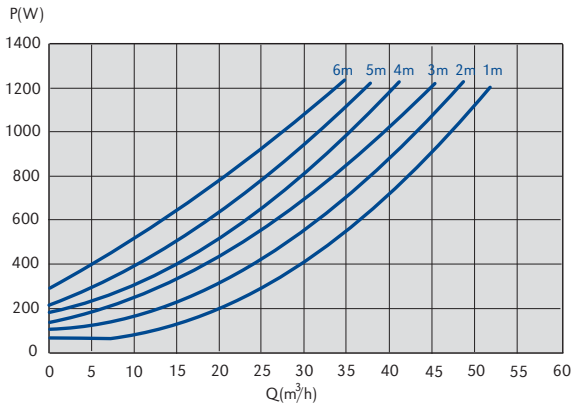
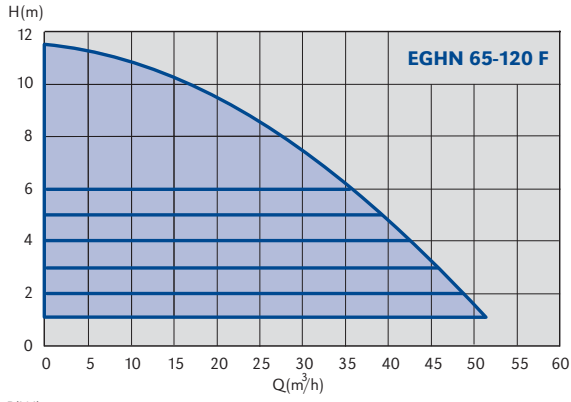
Variable speed circulating pumps Elektronisch geregelte Heizungsumwälzpumpen



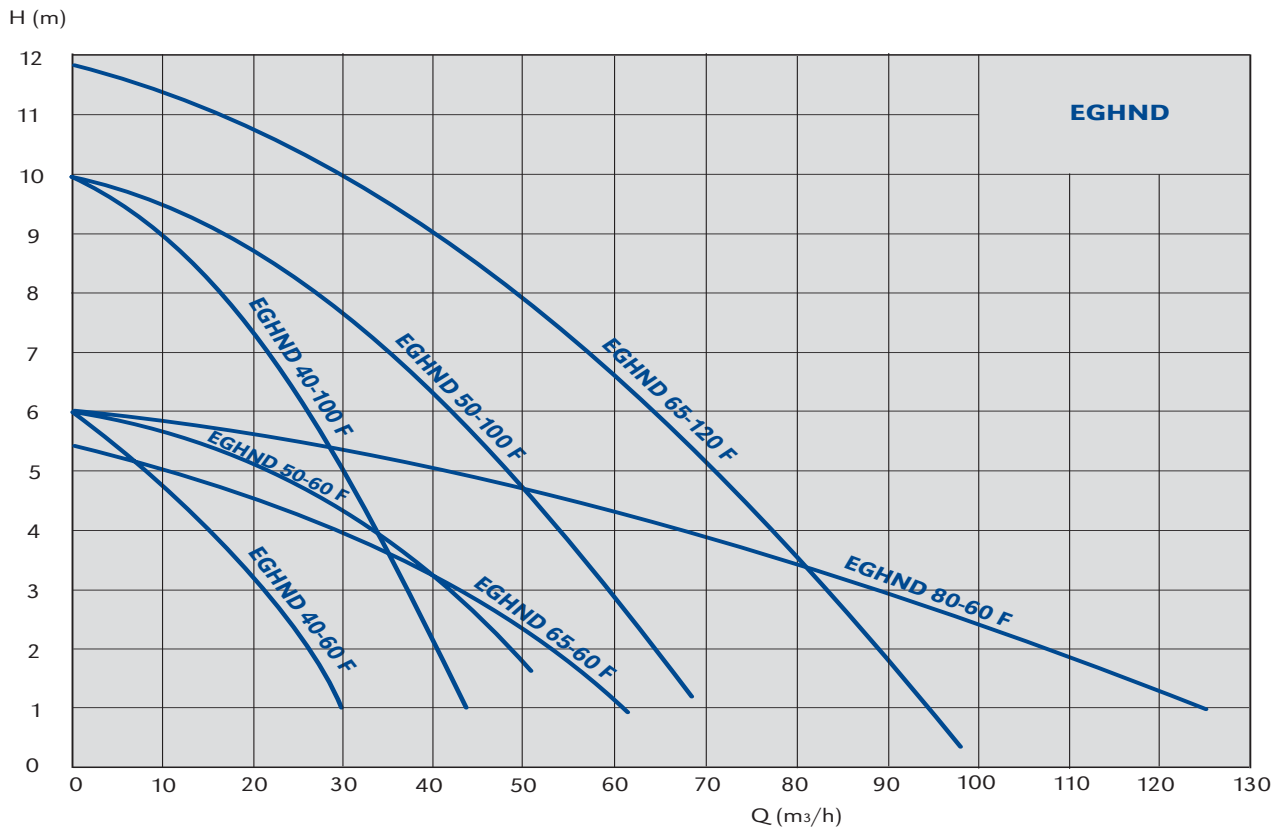
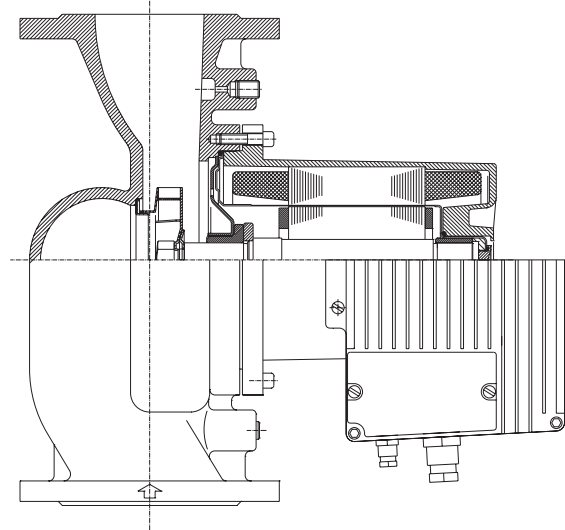
Circulating pumps with integrated frequency converter
Heizungsumwälzpumpen mit stufenloser Differenzdruckregelung - eingebauten Frequenzumformer

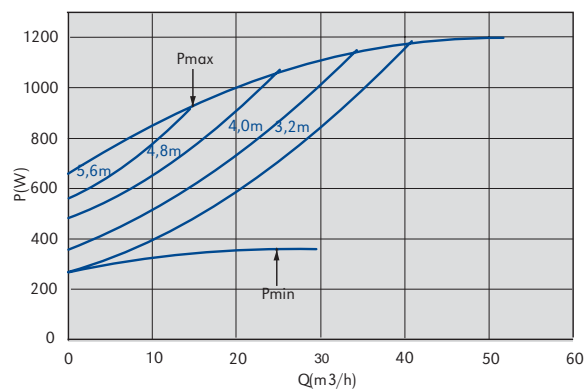
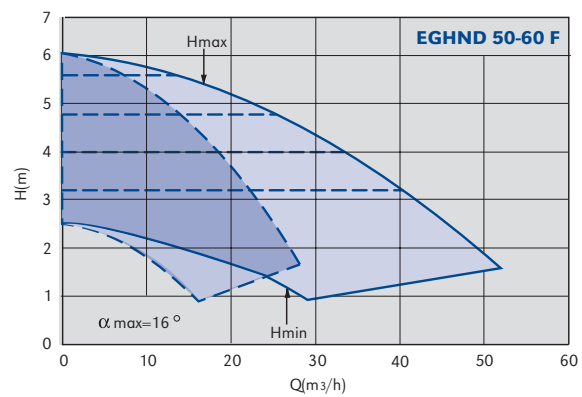
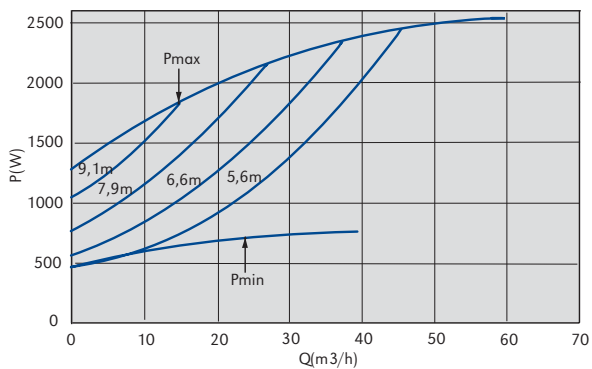
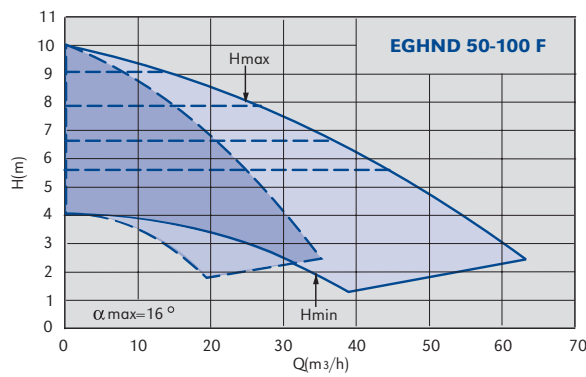
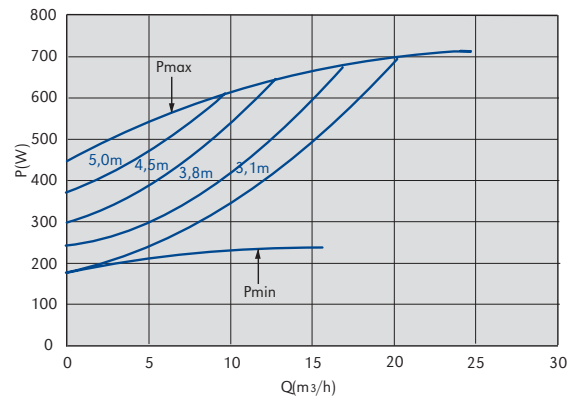
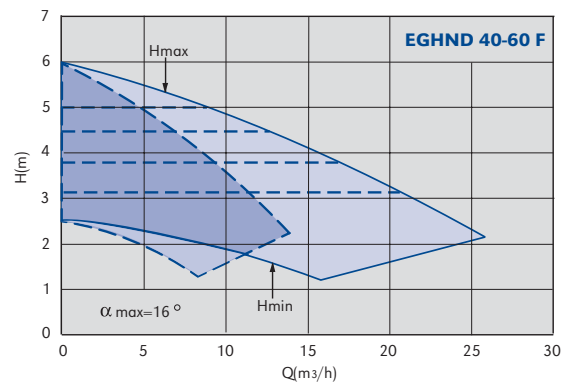
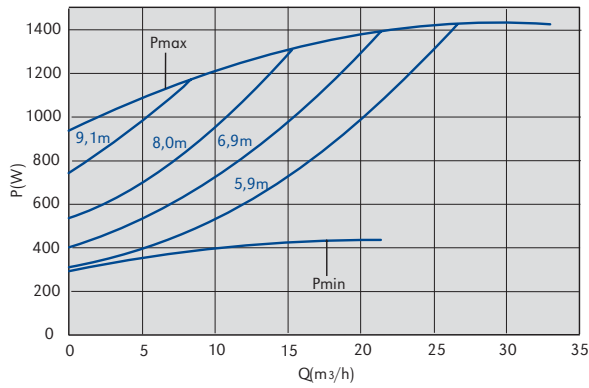
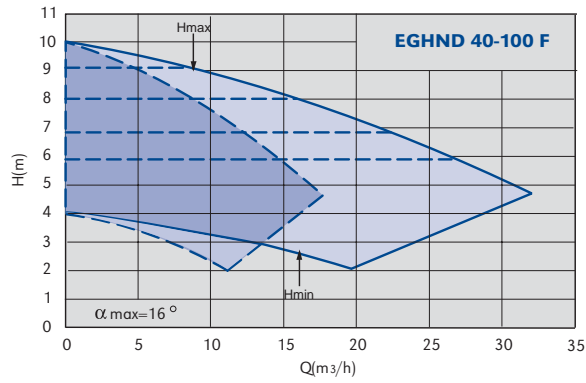


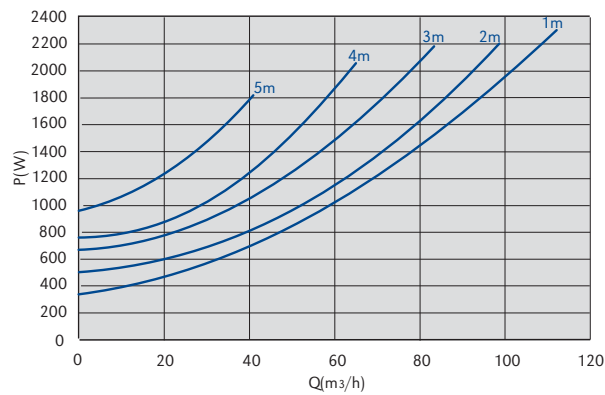
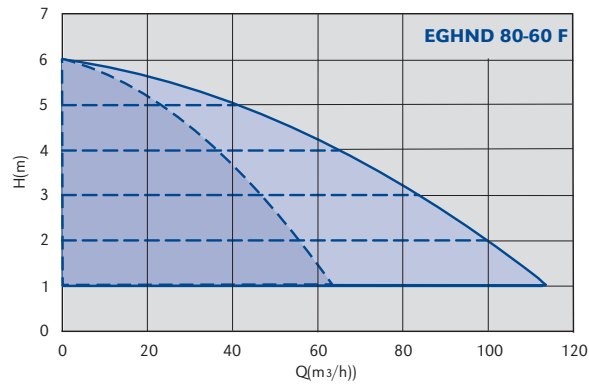
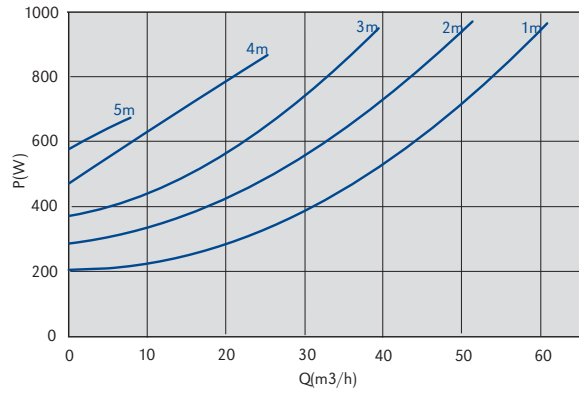
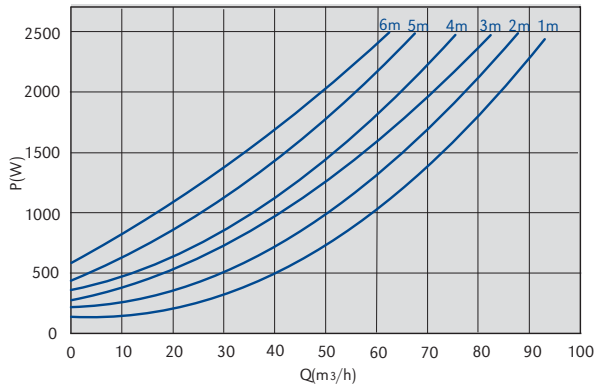
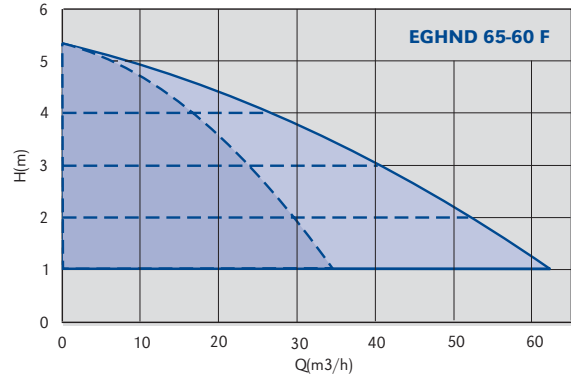
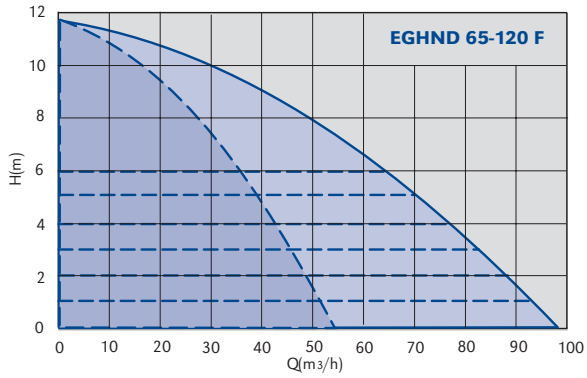




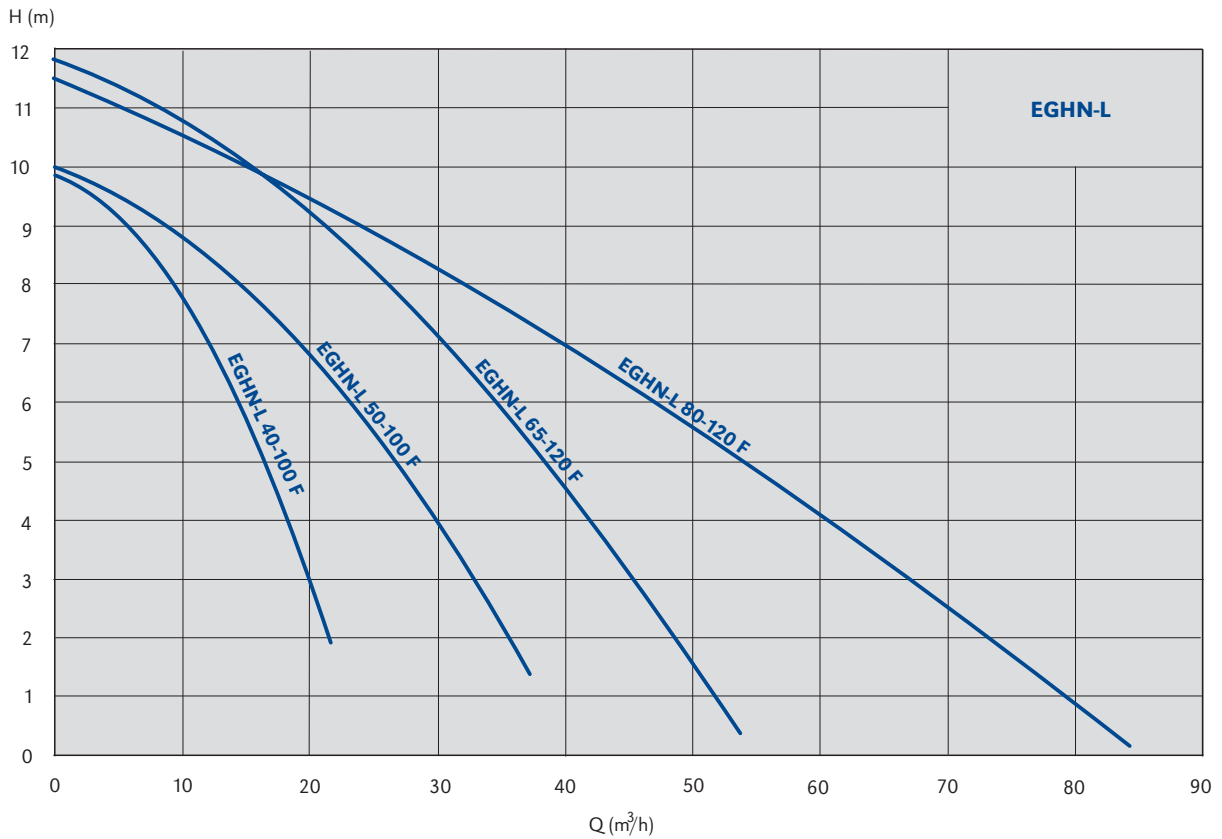
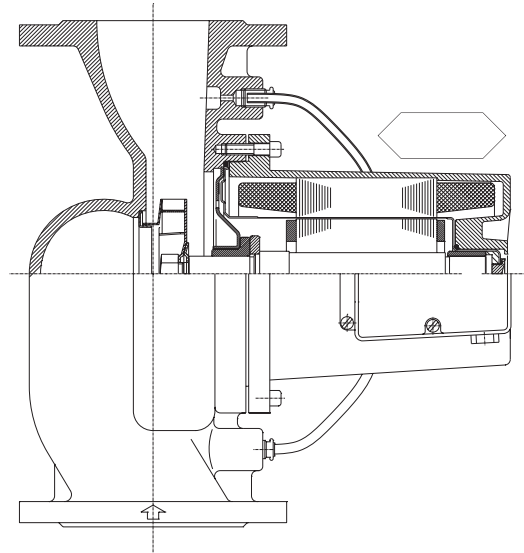
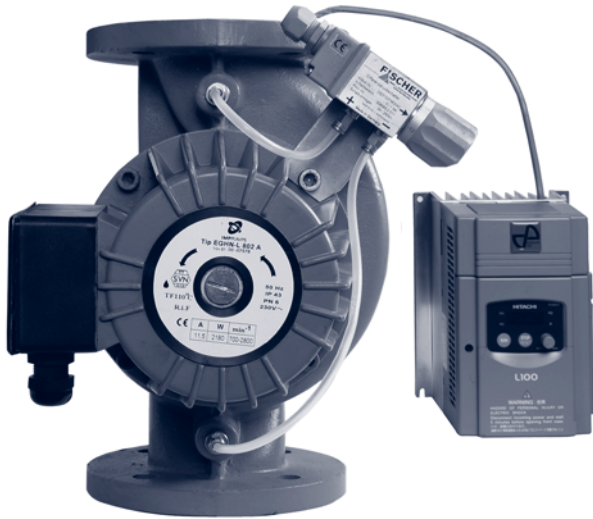
Twin circulating pumps with integrated frequency converter
Zwillingsumwälzpumpen mit stufenloser Differenzdruckregelung -
eingebauten Frequenzumformer

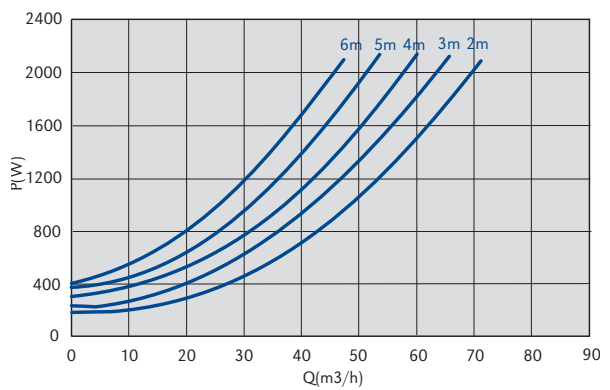
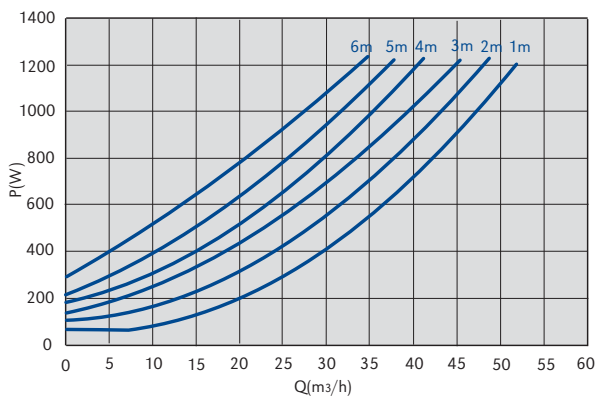
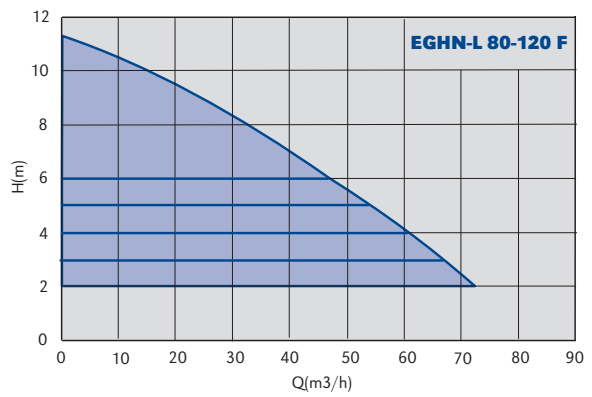
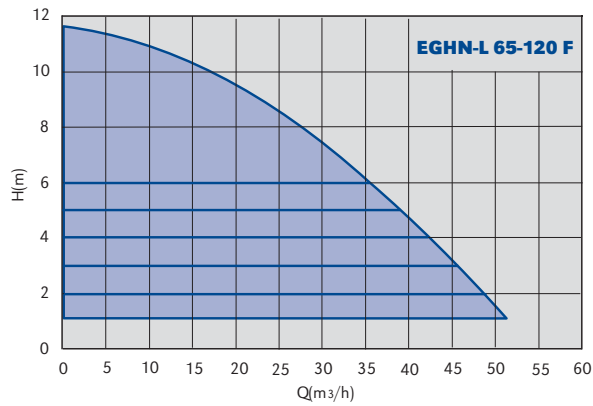
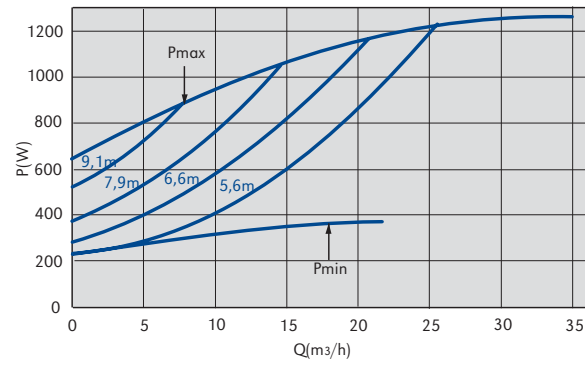
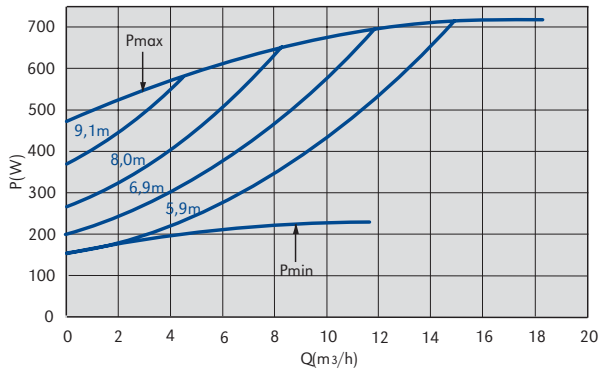
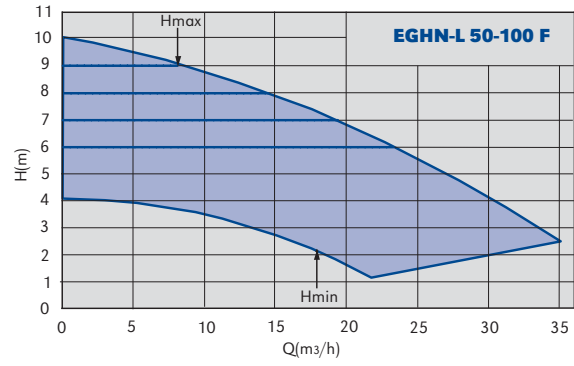
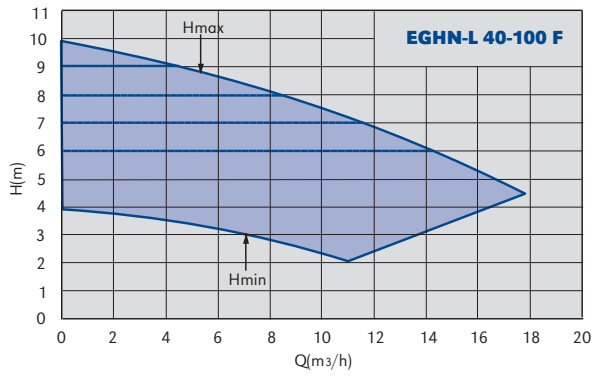




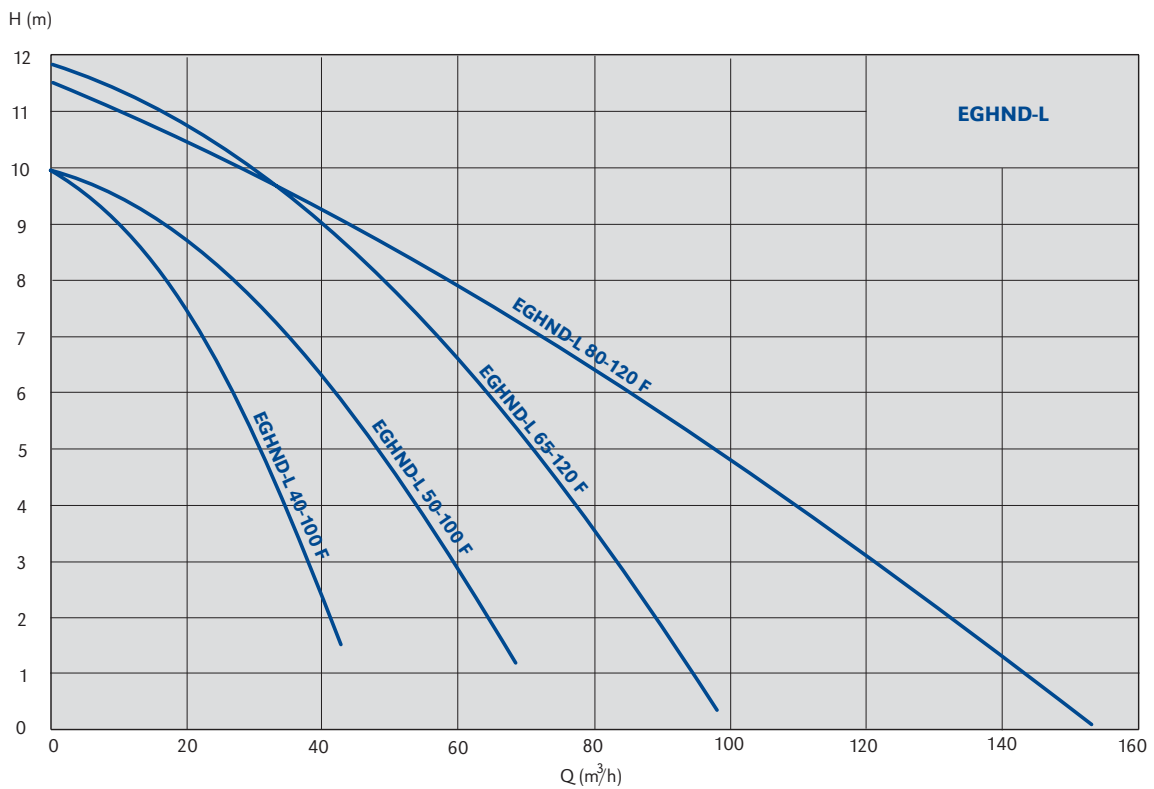
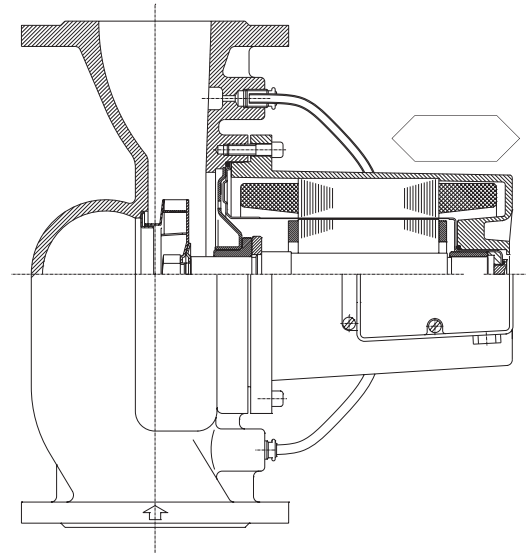
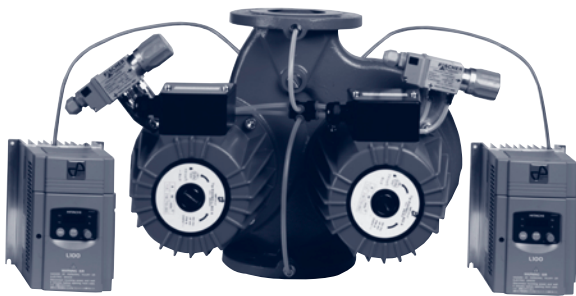


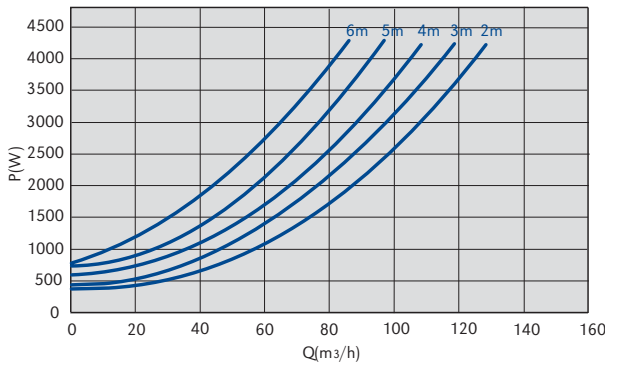
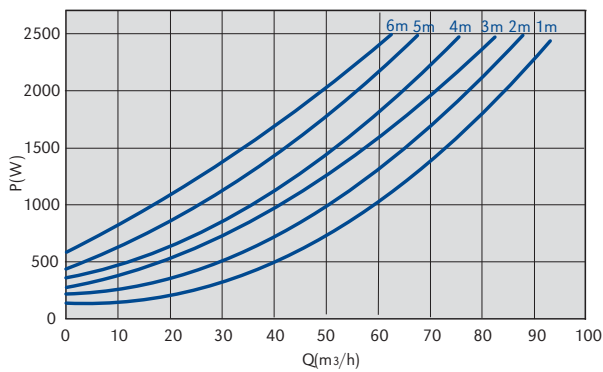
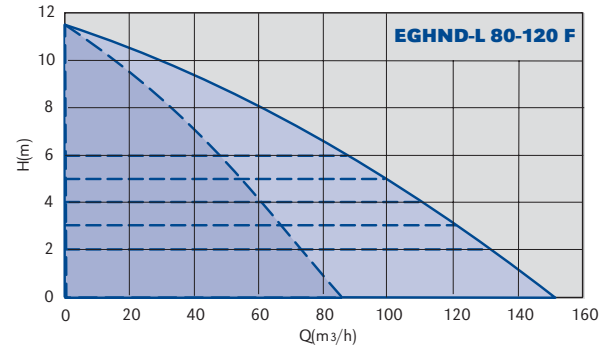
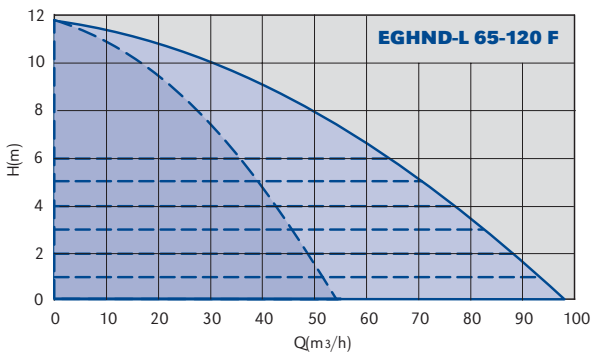
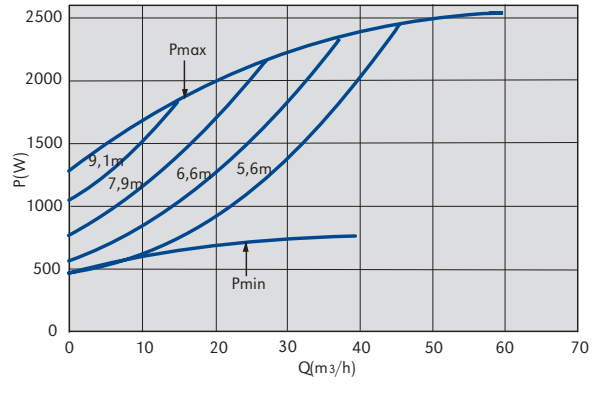
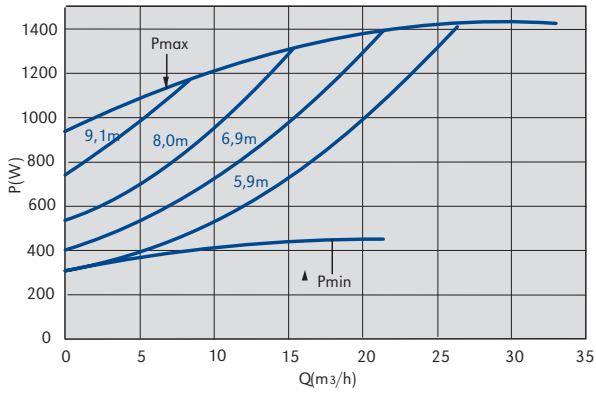
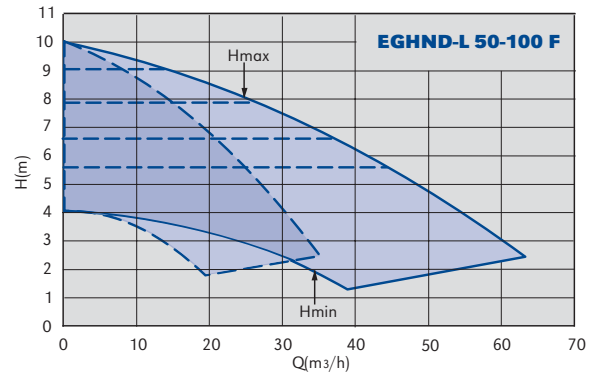
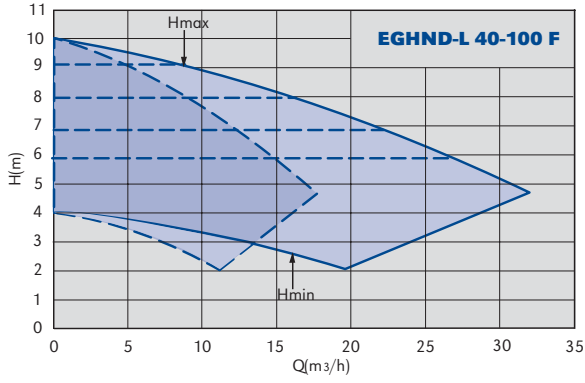
Circulating pumps with separated frequency converter
Heizungsumwälzpumpen mit stufenloser Differenzdruckregelung -
abwickelbar Frequenzumformer





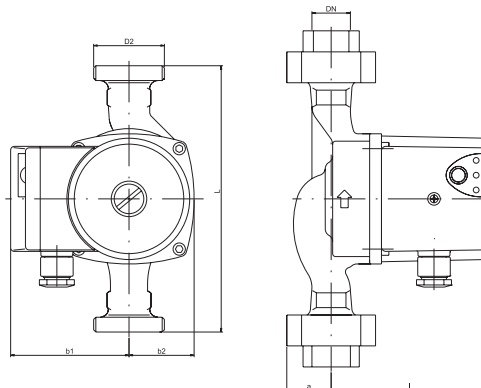
Twin circulating pumps with separated frequency converter
Zwillingsumwälzpumpen mit stufenloser Differenzdruckregelung -
abwickelbar Frequenzumformer





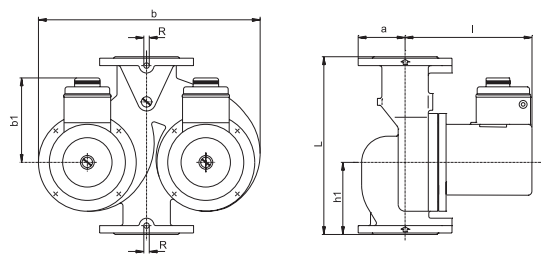
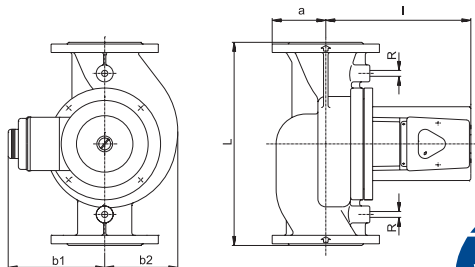
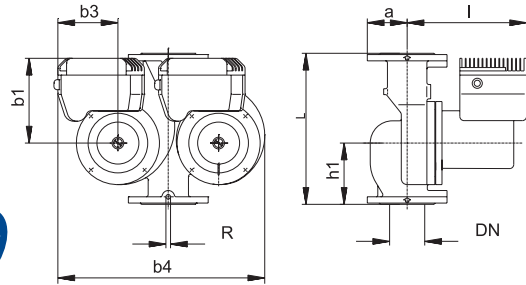
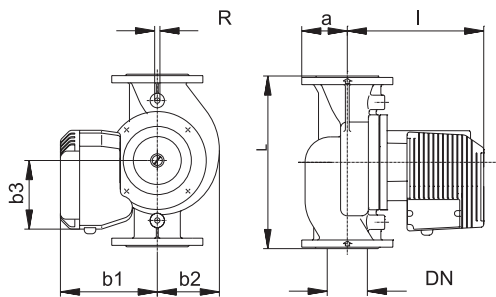
TEHNICAL DATA / TECHNISCHE DATEN

pump type pumpentyp	code artikel- nummer	connection type rohranschluss	max. flow durchfluss Q (m ³ /h)	max. head Förderhöhe druck 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
EGHN SMART 15/60-130	979521965	Screw/gewinde	3,5	6	PN 10	5 - 95	GG/CI	S / E	2,4	yes/ja	44
EGHN SMART 20/60-130	979521966	Screw/gewinde	3,5	6	PN 10	5 - 95	GG/CI	S / E	2,4	yes/ja	44
EGHN SMART 25/60-130	979521967	Screw/gewinde	3,5	6	PN 10	5 - 95	GG/CI	S / E	2,4	yes/ja	44
EGHN SMART 20/60-180	979521968	Screw/gewinde	3,5	6	PN 10	5 - 95	GG/CI	S / E	2,6	yes/ja	44
EGHN SMART 25/60-180	979521969	Screw/gewinde	3,5	6	PN 10	5 - 95	GG/CI	S / E	2,6	yes/ja	44
EGHN SMART 32/60-180	979521970	Screw/gewinde	3,5	6	PN 10	5 - 95	GG/CI	S / E	3	yes/ja	44
EGHN 40-100 F	979521411	Flanges/Flansche	18	10	PN 6 / 10	15 - 110	GG/CI	S / E	24	yes/ja	43
EGHN 40-60 F	979521500	Flanges/Flansche	14	6	PN 6 / 10	15 - 110	GG/CI	S / E	24	yes/ja	43
EGHN 50-100 F	979521501	Flanges/Flansche	35	10	PN 6 / 10	15 - 110	GG/CI	S / E	34	yes/ja	43
EGHN 50-60 F	979521502	Flanges/Flansche	28	6	PN 6 / 10	15 - 110	GG/CI	S / E	34	yes/ja	43
EGHN 65-120F	979521503	Flanges/Flansche	50	11	PN 6 / 10	15 - 110	GG/CI	S / E	36	yes/ja	43
EGHN 65-60 F	979521504	Flanges/Flansche	34	5,5	PN 6 / 10	15 - 110	GG/CI	S / E	36	yes/ja	43
EGHN 80-60 F	979521506	Flanges/Flansche	63	6	PN 6	15 - 110	GG/CI	S / E	41	yes/ja	43
EGHND 40-100 F	979521540	Flanges/Flansche	32	10	PN 6 / 10	15 - 110	GG/CI	D / Z	40	yes/ja	43
EGHND 40-60 F	979521541	Flanges/Flansche	26	6	PN 6 / 10	15 - 110	GG/CI	D / Z	38	yes/ja	43
EGHND 50-100 F	979521542	Flanges/Flansche	63	10	PN 6 / 10	15 - 110	GG/CI	D / Z	49	yes/ja	43
EGHND 50-60 F	979521543	Flanges/Flansche	52	6	PN 6 / 10	15 - 110	GG/CI	D / Z	49	yes/ja	43
EGHND 65-120 F	979521544	Flanges/Flansche	98	11	PN 6 / 10	15 - 110	GG/CI	D / Z	59	yes/ja	43
EGHND 65-60 F	979521545	Flanges/Flansche	62	5,5	PN 6 / 10	15 - 110	GG/CI	D / Z	54	yes/ja	43
EGHND 80-60 F	979521546	Flanges/Flansche	115	6	PN 6	15 - 110	GG/CI	D / Z	67	yes/ja	43
EGHN - L 40-100 F	979521533	Flanges/Flansche	18	10	PN 6 / 10	-5 - +110	GG/CI	S / E	26	yes/ja	43
EGHN - L 50-100 F	979521534	Flanges/Flansche	35	10	PN 6 / 10	-5 - +110	GG/CI	S / E	37	yes/ja	43
EGHN - L 65-120 F	979521535	Flanges/Flansche	50	11	PN 6 / 10	-5 - +110	GG/CI	S / E	39	yes/ja	43
EGHN - L 80-120 F	979521505	Flanges/Flansche	70	11	PN 6	-5 - +110	GG/CI	S / E	45	yes/ja	43
EGHN - L 80-120 F	979521550	Flanges/Flansche	70	11	PN 10	-5 - +110	GG/CI	S / E	45	yes/ja	43
EGHND - L 40-100 F	979521536	Flanges/Flansche	32	10	PN 6 / 10	-5 - +110	GG/CI	D / Z	41	yes/ja	43
EGHND - L 50-100 F	979521537	Flanges/Flansche	62	10	PN 6 / 10	-5 - +110	GG/CI	D / Z	50	yes/ja	43
EGHND - L 65-120 F	979521538	Flanges/Flansche	98	11	PN 6 / 10	-5 - +110	GG/CI	D / Z	61	yes/ja	43
EGHND - L 80-120 F	979521539	Flanges/Flansche	150	11	PN 6	-5 - +110	GG/CI	D / Z	68	yes/ja	43



DIMENSIONS / MAßE

	pump type pumpentyp	code artikel- nummer	length einbaulänge L (mm)	connection size rohranschluss DN	b1	b2	b3	b4	l	h1	a	R	D2	D3	D4	D5	no. hole
0	EGHN SMART 15/60-130	979521965	130	DN 15	80	44			108		28		1"				
	EGHN SMART 20/60-130	979521966	130	DN 20	80	44			108		28		5/4"				
	EGHN SMART 25/60-130	979521967	130	DN 25	80	44			108		28		6/4"				
	EGHN SMART 20/60-180	979521968	180	DN 20	80	44			108		28		5/4"				
	EGHN SMART 25/60-180	979521969	180	DN 25	80	44			108		28		6/4"				
1	EGHN SMART 32/60-180	979521970	180	DN 32	80	44			108		30		2"				
	EGHN 40-100 F	979521411	250	DN 40	200	92	148		247		65	1/4"	80	100/110	150	14/19	4
	EGHN 40-60 F	979521500	250	DN 40	200	92	148		247		65	1/4"	80	100/110	150	14/19	4
	EGHN 50-100 F	979521501	280	DN 50	205	123	148		304		70	1/4"	102	110/125	165	14/19	4
	EGHN 50-60 F	979521502	280	DN 50	205	123	148		304		70	1/4"	102	110/125	165	14/19	4
	EGHN 65-120 F	979521503	340	DN 65	205	123	148		304		80	1/4"	122	130/145	185	14/19	4
	EGHN 65-60 F	979521504	340	DN 65	205	123	148		304		80	1/4"	122	130/145	185	14/19	4
	EGHN 80-60 F PN 10	979521506	380	DN 80	205	128	148		304		100	1/4"	158	170	220	19	8
2	EGHN 80-60 F PN 6	no code	380	DN 80	205	128	148		304		100	1/4"	158	180	220	19	4
	EGHND 40-100 F	979521540	250	DN 40	200	92		417	247	110	65	1/4"	80	100/110	150	14/19	4
	EGHND 40-60 F	979521541	250	DN 40	200	92		417	247	110	65	1/4"	80	100/110	150	14/19	4
	EGHND 50-100 F	979521542	280	DN 50	205	123		457	304	121	70	1/4"	102	110/125	165	14/19	4
	EGHND 50-60 F	979521543	280	DN 50	205	123		457	304	121	70	1/4"	102	110/125	165	14/19	4
	EGHND 65-120 F	979521544	340	DN 65	205	123		501	304	141	80	1/4"	122	130/145	185	14/19	4
	EGHND 65-60 F	979521545	340	DN 65	205	123		501	304	141	80	1/4"	122	130/145	185	14/19	4
	EGHND 80-60 F	979521546	380	DN 80	205	128		506	304	146	100	1/4"	158	170	220	19	4
3	EGHN - L 40-100 F	979521533	250	DN 40	200	92	148		247		65	1/4"	80	100/110	150	14/19	4
	EGHN - L 50-100 F	979521534	280	DN 50	205	123	148		304		70	1/4"	102	110/125	165	14/19	4
	EGHN - L 65-120 F	979521535	340	DN 65	205	123	148		304		80	1/4"	122	130/145	185	14/19	4
	EGHN - L 80-120 F	979521505	380	DN 80	205	128	148		304		100	1/4"	158	170	220	19	4
4	EGHN - L 80-120 F	979521550	380	DN 80	205	128	148		304		100	1/4"	158	170	220	19	4
	EGHND - L 40-100 F	979521536	250	DN 40	200	92	148	417	247	110	65	1/4"	80	100/110	150	14/19	4
	EGHND - L 50-100 F	979521537	280	DN 50	205	123	148	457	304	121	70	1/4"	102	110/125	165	14/19	4
	EGHND - L 65-120 F	979521538	340	DN 65	205	123	148	501	304	141	80	1/4"	122	130/145	185	14/19	4
EGHND - L 80-120 F	979521539	380	DN 80	205	128	148	506	304	146	100	1/4"	158	170	220	19	4	



ELECTRICAL DATA / ELEKTRISCHE DATEN

MIN WORKING PRESSURE (bar)
MIN ZULASSIGER BETRIEBSDRUCK

pump type pumpentyp	code artikelnummer	power max. leistungsaufnahme P (W)	speed range drehzahlstufe (min-1)	FLC I nennstrom In (A)	electrical voltage elektroanschluss I (V)	insulating class isolationsklasse	temperature / temperatur		
							50°C	80°C	110°C
EGHN SMART 15/60-130	979521965	95	1109-2340	0,17-0,39	230 V	H	0,05	0,4	1,1
EGHN SMART 20/60-130	979521966	95	1109-2340	0,17-0,39	230 V	H	0,05	0,4	1,1
EGHN SMART 25/60-130	979521967	95	1109-2340	0,17-0,39	230 V	H	0,05	0,4	1,1
EGHN SMART 20/60-180	979521968	95	1109-2340	0,17-0,39	230 V	H	0,05	0,4	1,1
EGHN SMART 25/60-180	979521969	95	1109-2340	0,17-0,39	230 V	H	0,05	0,4	1,1
EGHN SMART 32/60-180	979521970	95	1109-2340	0,17-0,39	230 V	H	0,05	0,4	1,1
EGHN 40-100 F	979521411	650	700 - 2800	5,2	230V	H	0,05	0,8	1,4
EGHN 40-60 F	979521500	330	700 - 2800	2,8	230 V	H	0,05	0,8	1,4
EGHN 50-100 F	979521501	1180	700 - 2800	7,6	230 V	H	0,3	1	1,6
EGHN 50-60 F	979521502	540	700 - 2800	4	230 V	H	0,3	1	1,6
EGHN 65-120 F	979521503	1270	700 - 2800	8,9	230 V	H	0,3	1	1,6
EGHN 65-60 F	979521504	450	700 - 2800	4	230 V	H	0,3	1	1,6
EGHN 80-60 F	979521506	1090	700 - 2800	7	230 V	H	0,3	1	1,6
EGHN 80- 60 F	ni kode	1090	700 - 2800	7	230 V	H	0,3	1	1,6
EGHND 40-100 F	979521540	650	700 - 2800	5,2	230 V	H	0,05	0,8	1,4
EGHND 40-60 F	979521541	330	700 - 2800	2,8	230 V	H	0,05	0,8	1,4
EGHND 50-100 F	979521542	1180	700 - 2800	7,6	230 V	H	0,3	1	1,6
EGHND 50-60 F	979521543	540	700 - 2800	4	230 V	H	0,3	1	1,6
EGHND 65-120 F	979521544	1270	700 - 2800	8,9	230 V	H	0,3	1	1,6
EGHND 65-60 F	979521545	450	700 - 2800	4	230 V	H	0,3	1	1,6
EGHND 80-60 F	979521546	1090	700 - 2800	7	230 V	H	0,3	1	1,6
EGHN - L 40-100 F	979521533	650	700 - 2800	5,6	230 V	H	0,05	0,8	1,4
EGHN - L 50-100 F	979521534	1180	700 - 2800	8,5	230 V	H	0,3	1	1,6
EGHN - L 65-120 F	979521535	1270	700 - 2800	8,9	230 V	H	0,3	1	1,6
EGHN - L 80-120 F	979521505	2180	700 - 2800	13,4	230 V	H	0,3	1	1,6
EGHN - L 80-120 F	979521550	2180	700 - 2800	13,4	230 V	H	0,3	1	1,6
EGHND - L 40-100 F	979521536	650	700 - 2800	5,6	230 V	H	0,05	0,8	1,4
EGHND - L 50-100 F	979521537	1180	700 - 2800	8,5	230 V	H	0,3	1	1,6
EGHND - L 65-120 F	979521538	1270	700 - 2800	8,9	230 V	H	0,3	1	1,6
EGHND - L 80-120 F	979521539	2180	700 - 2800	13,4	230 V	H	0,3	1	1,6

