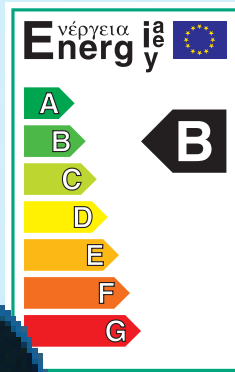
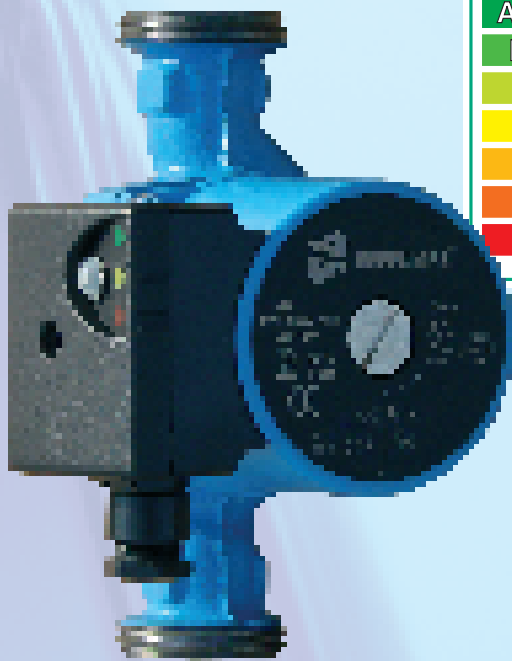


EGHN SMART

VARIABLE SPEED CIRCULATING PUMPS

ELEKTRONISCH GEREGLTE HEIZUNGSMWÄLZPUMPEN



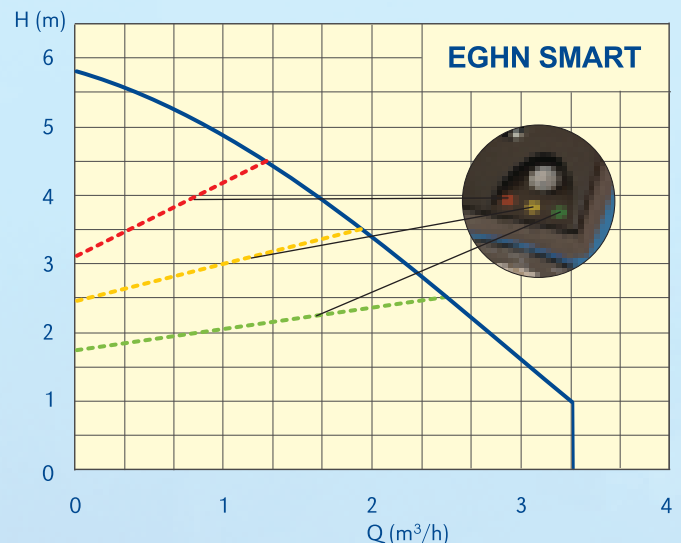
Advantage of SMART pumps

- Quick and optimal adaptability to the heating system
- Saving up to 30% of electric energy
- Operation by proportional pressure
- Impedance protected motor
- Used top quality materials
- Silent pump and system operation

Vorteile der SMART Pumpen

- Schnell und optimal an das Heizungssystem anpassbar
- Bis zu 30% Energieeinsparung
- Proportionaldruckverfahren
- Blockier Strom fest motor
- Einsatz von Materialien höchster Qualität
- Leise Funktion und ruhiges System

INDICATOR LIGHT ANZEIGELEUCHE	WAY OF OPERATION BETRIEBSART
Red Rot	Pump operate at max curve Pumpe arbeitet bei max-Kurve
Red blink Rot blinken	Pump adapting itself at $p_{MAX}=4,5m$ Pumpe passt sich selbsttätig bei $p_{MAX}=4,5m$
Yellow blink Gelb blinken	Pump adapting itself at $p_{MAX}=3,5m$ Pumpe passt sich selbsttätig bei $p_{MAX}=3,5m$
Green blink Grün blinken	Pump adapting itself at $p_{MAX}=2,5m$ Pumpe passt sich selbsttätig bei $p_{MAX}=2,5m$
Changing colour Wechselen Farbe	Pump has been blocked Pumpe passt sich selbsttätig an



TECHNICAL DATA / TECHNISCHE DATEN

pump type pumpentyp	code artikelnummer	L (mm)	DN	Q_{MAX} (m ³ /h)	H_{MAX} (m)	PN (bar)	Media Temperature/ Temperatur des media $T_{MAX}-T_{MIN}$ (°C)	Hydraulic casing/ Hydraulische Gehäuse	IP protection/ schutzart	P_{TMAX} (W)	I_{EL} (V)	insulating class isolationsklasse
EGHN SMART 15/60-130	979521965	130	DN 15	3,8	6	PN 10	5 — 95	GG/CI	44	84	230 V	H
EGHN SMART 20/60-130	979521966	130	DN 20	3,8	6	PN 10	5 — 95	GG/CI	44	84	230 V	H
EGHN SMART 25/60-130	979521967	130	DN 25	3,8	6	PN 10	5 — 95	GG/CI	44	84	230 V	H
EGHN SMART 20/60-180	979521968	180	DN 20	3,8	6	PN 10	5 — 95	GG/CI	44	84	230 V	H
EGHN SMART 25/60-180	979521969	180	DN 25	3,8	6	PN 10	5 — 95	GG/CI	44	84	230 V	H
EGHN SMART 32/60-180	979521970	180	DN 30	3,8	6	PN 10	5 — 95	GG/CI	44	84	230 V	H

GHN

THREE SPEED CIRCULATING PUMPS DREISTUFIGE VERSCHRAUBUNGSMWÄLZPUMPEN

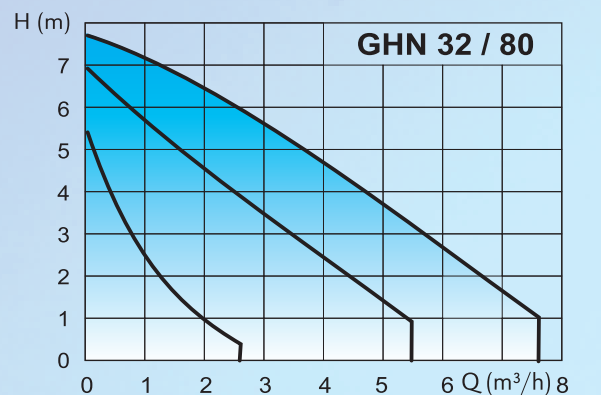
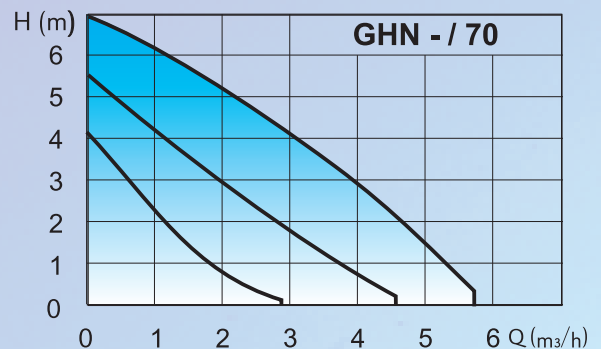
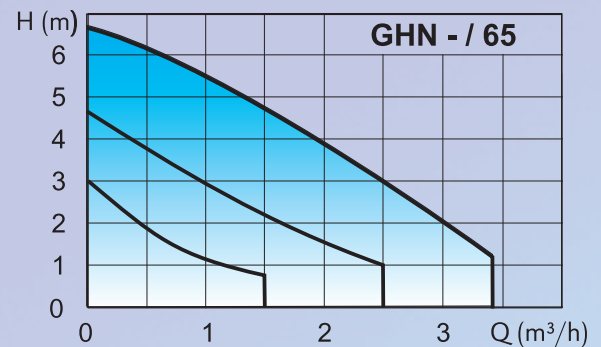
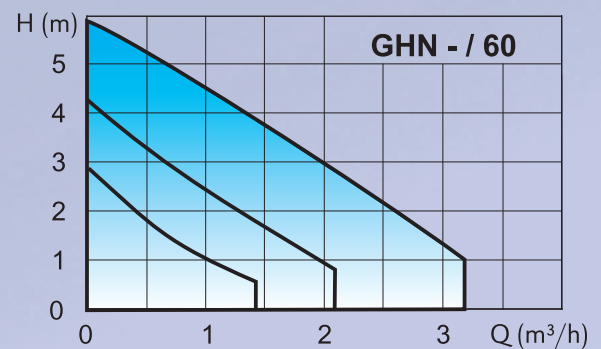
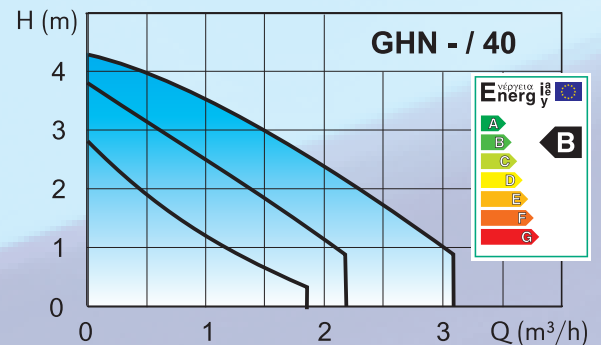
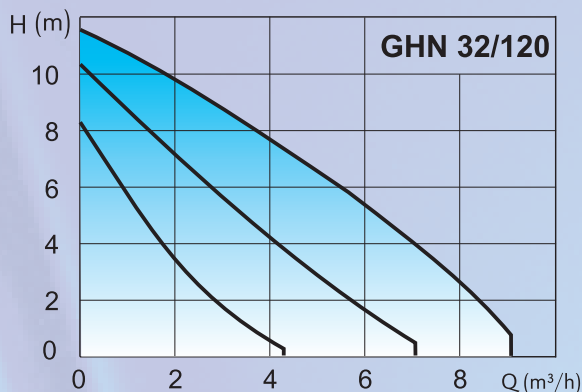


Usage of GHN pumps

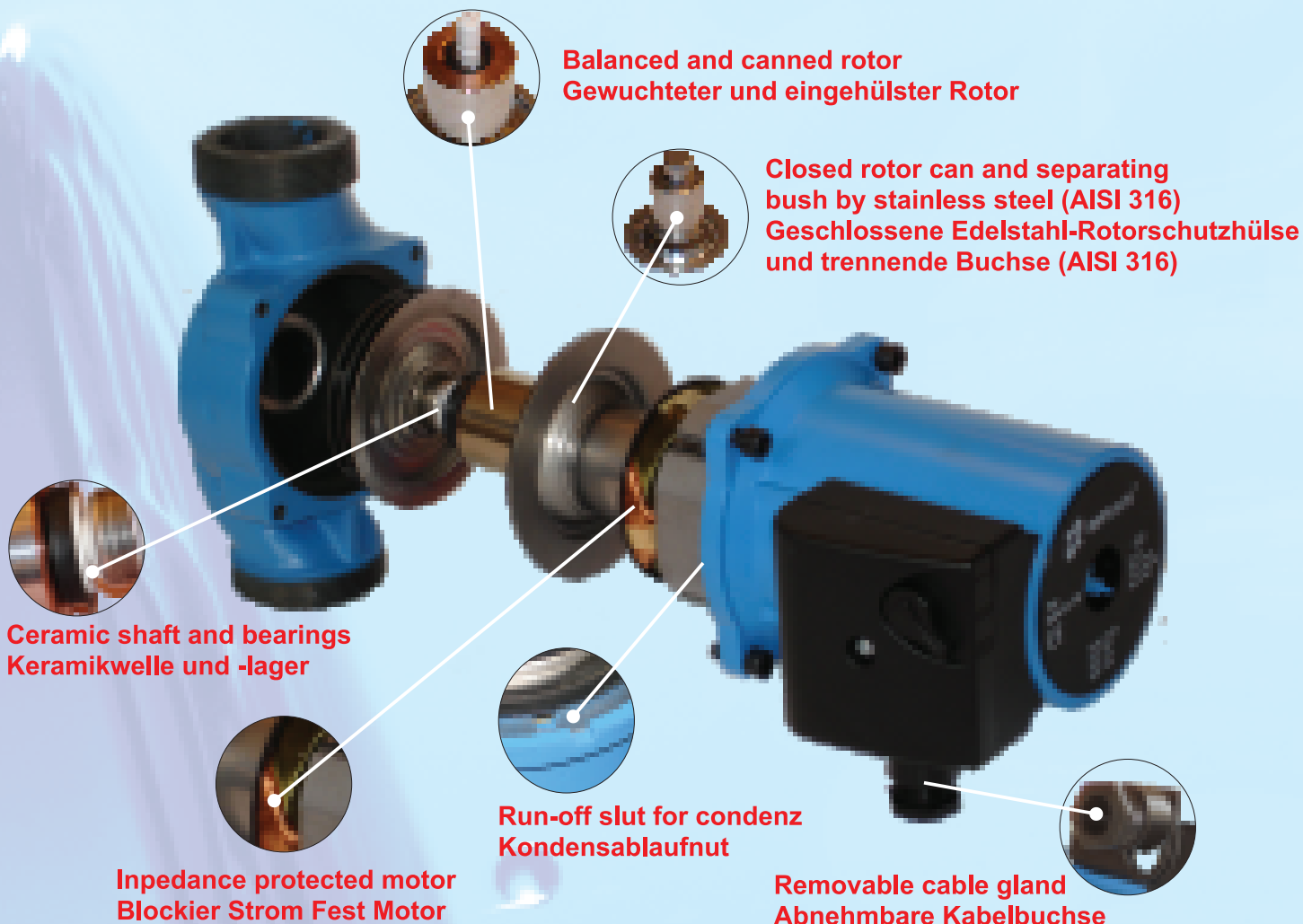
- Usage in the heating, air-conditions or solar systems
- Choice by three-speed switch
- Easy usage in each heating system
- Prolongation durability in extreme conditions
- Used top quality materials

Verwendung der GHN Pumpen

- Anwendung in Heizungs-, Klima- oder Solarsystemen
- Wahl durch Schalter für drei Geschwindigkeiten
- Leichter Einsatz in allen Heizungssystemen
- Verlängerte Lebensdauer bei extremen Bedingungen
- Einsatz von Materialien höchster Qualität



THREE SPEED CIRCULATING PUMPS DREISTUFIGE VERSCHRAUBUNGSMWÄLZPUMPEN



TECHNICAL DATA / TECHNISCHE DATEN

pump type pumpentyp	code artikelnummer	L (mm)	DN	Q_{MAX} (m ³ /h)	H_{MAX} (m)	PN (bar)	Media Temperature/ Temperatur des media $T_{\text{MAX}}-T_{\text{MIN}}$ (°C)	Hydraulic casing/ Hydraulische Gehäuse	weight gewicht (kg)	IP protection/ schutzart	P_{1max} (W)	I_{EL} (V)	insulating class isolationsklasse
GHN 15/40-130	979521960	130	DN 15	3,5	4,0	PN 10	-10 — +110	GG/CI	2,2	44	50	230 V	H
GHN 15/60-130	979521961	130	DN 15	3,5	6,0	PN 10	-10 — +110	GG/CI	2,2	44	90	230 V	H
GHN 15/65-130	979521962	130	DN 15	4,0	6,5	PN 10	-10 — +110	GG/CI	2,2	44	95	230 V	H
GHN 20/40-130	979521700	130	DN 20	3,5	4,0	PN 10	-10 — +110	GG/CI	2,4	44	50	230 V	H
GHN 25/40-130	979521701	130	DN 25	3,5	4,0	PN 10	-10 — +110	GG/CI	2,4	44	50	230 V	H
GHN 20/60-130	979521702	130	DN 20	3,5	6,0	PN 10	-10 — +110	GG/CI	2,4	44	90	230 V	H
GHN 25/60-130	979521703	130	DN 25	3,5	6,0	PN 10	-10 — +110	GG/CI	2,4	44	90	230 V	H
GHN 25/65-180	979521704	180	DN 25	4,0	6,5	PN 10	-10 — +110	GG/CI	2,6	44	95	230 V	H
GHN 32/65-180	979521705	180	DN 32	4,0	6,5	PN 10	-10 — +110	GG/CI	3,0	44	95	230 V	H
GHN 20/65-130	979521706	130	DN 20	4,0	6,5	PN 10	-10 — +110	GG/CI	2,2	44	95	230 V	H
GHN 25/65-130	979521707	130	DN 25	4,0	6,5	PN 10	-10 — +110	GG/CI	2,4	44	95	230 V	H
GHN 20/40-180	979521709	180	DN 20	3,5	4,0	PN 10	-10 — +110	GG/CI	2,5	44	50	230 V	H
GHN 25/40-180	979521710	180	DN 25	3,5	4,0	PN 10	-10 — +110	GG/CI	2,6	44	50	230 V	H
GHN 32/40-180	979521711	180	DN 32	3,5	4,0	PN 10	-10 — +110	GG/CI	3	44	50	230 V	H
GHN 20/60-180	979521712	180	DN 20	3,5	6,0	PN 10	-10 — +110	GG/CI	2,6	44	90	230 V	H
GHN 25/60-180	979521713	180	DN 25	3,5	6,0	PN 10	-10 — +110	GG/CI	2,6	44	90	230 V	H
GHN 32/60-180	979521714	180	DN 32	3,5	6,0	PN 10	-10 — +110	GG/CI	3	44	90	230 V	H
GHN 25/70-180	979521987	180	DN 25	6,0	6,8	PN 10	-10 — +110	GG/CI	3,2	44	140	230 V	H
GHN 32/70-180	979521983	180	DN 32	6,0	6,8	PN 10	-10 — +110	GG/CI	3,2	44	140	230 V	H
GHN 32/80-180	979521944	180	DN 32	8,4	8,0	PN 10	-10 — +110	GG/CI	4,8	44	210	230 V	H
GHN 32/120/180	979522005	180	DN32	9,2	11,3	PN 10	-10 — +110	GG/CI	5,6	44	260	230 V	H