

PUMPS & BLOWERS



PUMPS

Series I - STAR

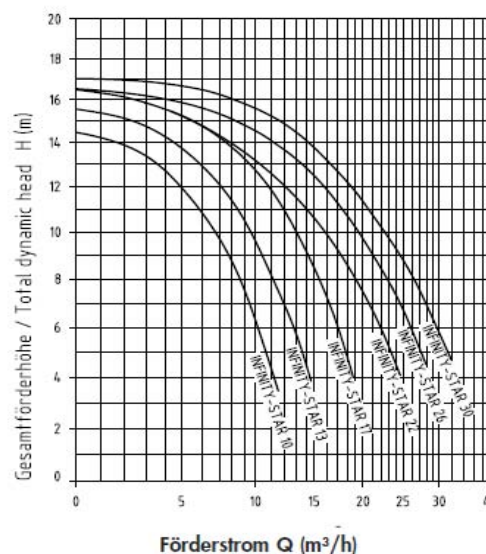
Self priming centrifugal pumps for swimming pool with prefilter

- Quiet operation
- Prefilter with specially constructed clear lid with ring lock design is easy to open
- Durability and quiet performance
- 5 years warranty

5 years warranty

			Rabat Group
230010	Infinity i-Star 10	Flow: 10 m ³ /h - 6 m.w.c.	A
230011	Infinity i-Star 13	Flow: 13 m ³ /h - 6 m.w.c.	A
230012	Infinity i-Star 17	Flow: 17 m ³ /h - 6 m.w.c.	A
230013	Infinity i-Star 17	Flow: 17 m ³ /h - 6 m.w.c.	A
230014	Infinity i-Star 22	Flow: 22 m ³ /h - 6 m.w.c.	A
230015	Infinity i-Star 22	Flow: 22 m ³ /h - 6 m.w.c.	A
230016	Infinity i-Star 26	Flow: 26 m ³ /h - 6 m.w.c.	A
230017	Infinity i-Star 26	Flow: 26 m ³ /h - 6 m.w.c.	A
230018	Infinity i-Star 30	Flow: 30 m ³ /h - 6 m.w.c.	A
	Infinity i-Star 30	Flow: 30 m ³ /h - 6 m.w.c.	A

NEW



CODE KÓD KODE	TYPE TYP TYP	FLOW / HEIGHT 6M PRŮTOK / VÝŠKA 6M DURCHFLOß / HÖHE 6M	CONNECTION PŘIPOJENÍ ANSCHLUß	MAX. POOL DIMENSION MAX. VELIKOST BAZÉNU MAXIMALE POOLGRÖßE	VOLTAGE NAPĚTÍ SPANNUNG
230010	Infinity i-Star 10	10 m ³ /h	Ø 50 mm (2")	40 m ³	230 V
230011	Infinity i-Star 13	13 m ³ /h	Ø 50 mm (2")	52 m ³	230 V
230012	Infinity i-Star 17	17 m ³ /h	Ø 63/50 mm (2")	68 m ³	230 V
230013	Infinity i-Star 17	17 m ³ /h	Ø 63/50 mm (2")	68 m ³	400 V
230014	Infinity i-Star 22	22 m ³ /h	Ø 63 mm (2")	88 m ³	230 V
230015	Infinity i-Star 22	22 m ³ /h	Ø 63 mm (2")	88 m ³	400 V
230016	Infinity i-Star 26	26 m ³ /h	Ø 63 mm (2")	104 m ³	230 V
230017	Infinity i-Star 26	26 m ³ /h	Ø 63 mm (2")	104 m ³	400 V
230018	Infinity i-Star 30	30 m ³ /h	Ø 63 mm (2")	120 m ³	230 V
230019	Infinity i-Star 30	30 m ³ /h	Ø 63 mm (2")	120 m ³	400 V

Series Infinity MICRO

Small centrifugal pump with prefilter for filtration of small swimming pool and spas

- Pump with prefilter
- Engine: IP-55, 2800 r.p.m., 230V/50Hz

Rabat Group



230004 **Infinity MICRO – 25**
Volume: 0,02 m3 Weight: 6,8 kg

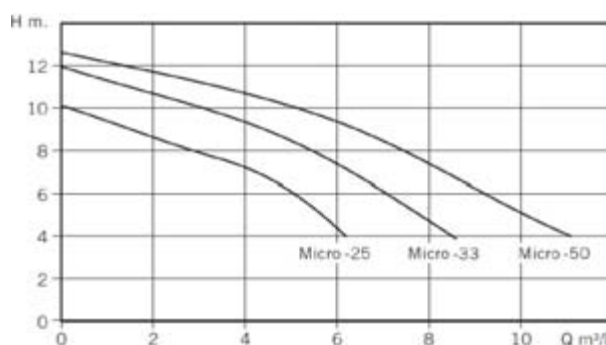
B

230005 **Infinity MICRO – 33**
Volume: 0,02 m3 Weight: 7,0 kg

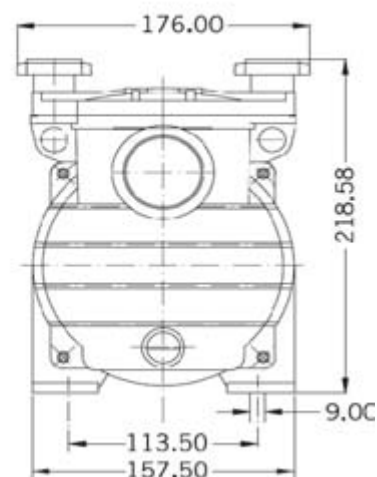
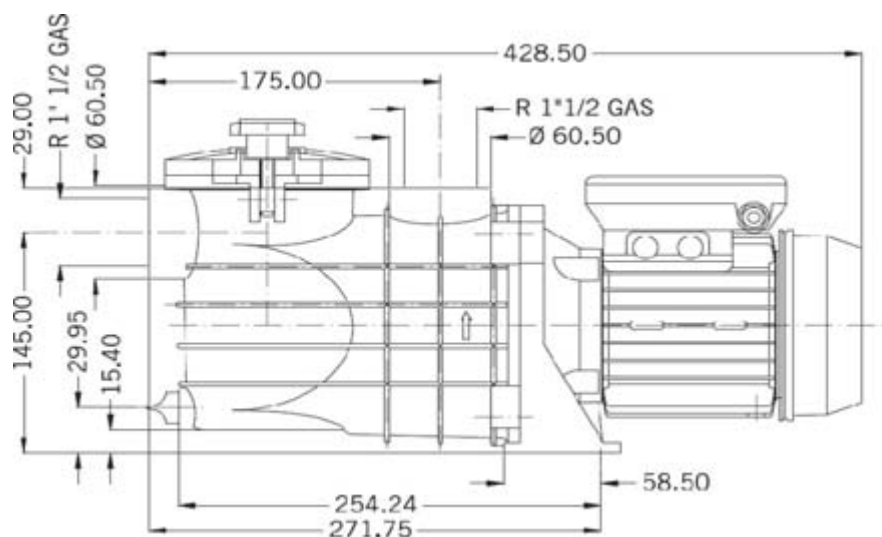
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230006 **Infinity MICRO – 50**
Volume: 0,02 m3 Weight: 7,4 kg

B



CODE KÓD KODE	TYPE TYP TYP	POWER PŘÍKON LEISTUNG	CONNECTION PŘÍPOJENÍ ANSCHLUSS	MANOMETRIC HEIGHT / VÝTLAČ. VÝŠKA / FÖRDERHÖHE [m]						
				FLOW / PRŮTOK / DURCHFLOß [m³/h]						
230004	Infinity MICRO - 25	1,8	1½" / 1½"	5,2	4,6	4,0	3,1	2,1	1,0	
230005	Infinity MICRO - 33	2,2	1½" / 1½"	8,2	7,5	6,8	6,0	5,0	3,7	2,3
230006	Infinity MICRO - 50	2,8	1½" / 1½"	11,0	10,6	10,0	8,8	7,5	5,7	4,0



Series Infinity HGS

Self priming centrifugal pumps for swimming pool – high hydraulic efficiency, totally silent, simple, robust.
 Big prefilter with fast - opening transparent lid. One-piece body in durable, resistant, composite materials.

- High hydraulic efficiency
- Ultra quiet operation
- Simple, robust & compact
- One-piece body in durable resistant composite material
- Impeller and flange in noryl
- Big prefilter
- Innovative design with patented strainer basket
- Use: fresh water - sea water - treated water - brackish water
- The prefilter fast-opening translucent lid (bolt-down butterfly system)
- Motor IP 55 - class F - continuous rating 50 Hz.. Available 60 Hz model on demand.
- Stainless steel shaf



220060 **Infinity HGS50**
 Power: 0,5CV-HP/0,37 kw
 220061 **Infinity HGS50**
 Power: 0,5CV-HP/0,37 kW

Phase: I Voltage: 220 V

**Rabat
Group**

B

Phase: III Voltage: 380 V

B



220062 **Infinity HGS75**
 Power: 0,75CV-HP/0,55 kW
 220063 **Infinity HGS75**
 Power: 0,75CV-HP/0,55 kW

Phase: I Voltage: 220 V

B

Phase: III Voltage: 380 V

B



220064 **Infinity HGS100**
 Power: 1 CV-HP/0,74 kW
 220065 **Infinity HGS100**
 Power: 1 CV-HP/0,74 kW

Phase: I Voltage: 220 V

B

Phase: III Voltage: 380 V

B

220066 **Infinity HGS150**
 Power: 1,5 CV-HP/1,1 kW
 220067 **Infinity HGS150**
 Power: 1,5 CV-HP/1,1 kW

Phase: I Voltage: 220 V

B

Phase: III Voltage: 380 V

B

220068 **Infinity HGS200**
 Power: 2 CV-HP/1,5 kW
 220069 **Infinity HGS200**
 Power: 2 CV-HP/1,5 kW

Phase: I Voltage: 220 V

B

Phase: III Voltage: 380 V

B

220070 **Infinity HGS250**
 Power: 2,5 CV-HP/1,84 kW
 220071 **Infinity HGS250**
 Power: 2,5 CV-HP/1,84 kW

Phase: I Voltage: 220 V

B

Phase: III Voltage: 380 V

B

220072 **Infinity HGS300**
 Power: 3 CV-HP/2,2 kW
 220073 **Infinity HGS300**
 Power: 3 CV-HP/2,2 kW

Phase: I Voltage: 220 V

B

Phase: III Voltage: 380 V

B

220074 **Infinity HGS400**
 Power: 4 CV-HP/3 kW
 220075 **Infinity HGS400**
 Power: 4 CV-HP/3 kW

Phase: I Voltage: 220 V

B

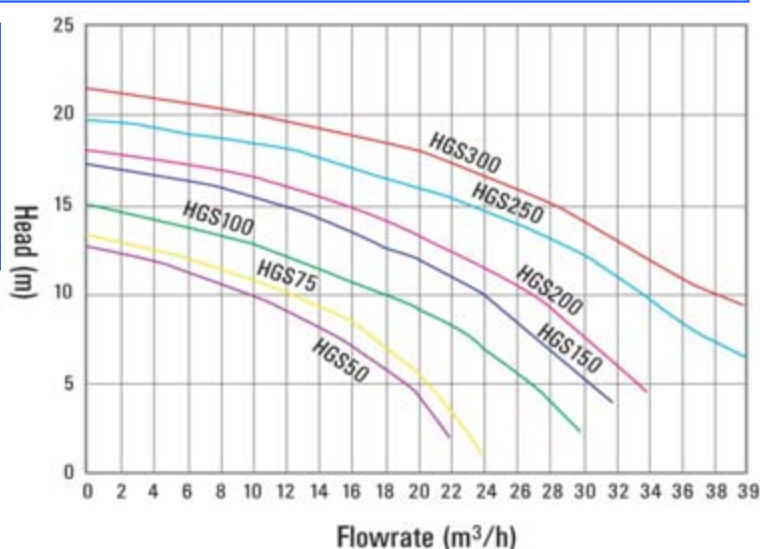
Phase: III Voltage: 380 V

B

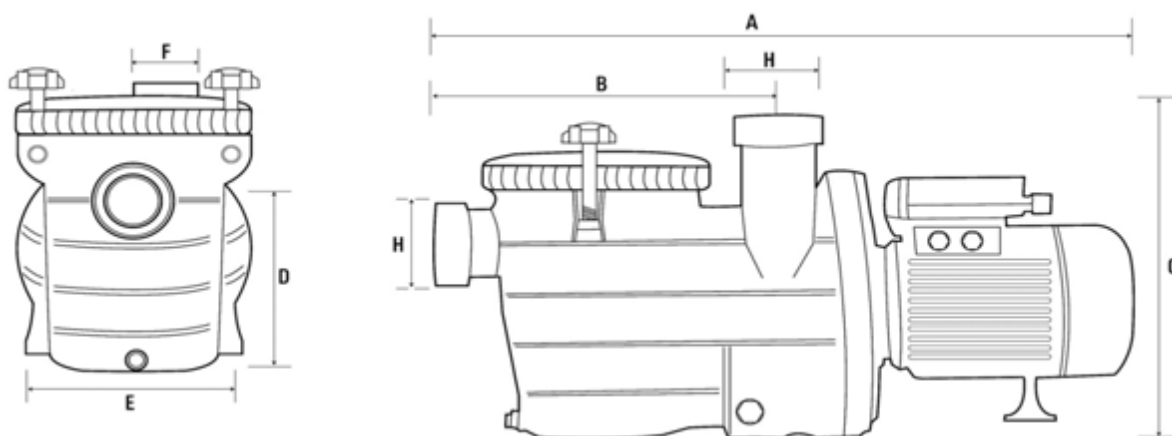


Technical specifications HGS pumps:

CODE KÓD KODE	TYPE TYP TYP	POWER PŘÍKON LEISTUNG	MANOMETRIC HEIGHT / VÝTLAČ. VÝŠKA / FÖRDERHÖHE [m]								
			FLOW / PRŮTOK / DURCHFLOSS [m³/h]								
			4	6	8	10	11	12	14	15	16
220060-220061	Infinity HGS50	0,37 kW - 0,50 HP	18,0	14,3	10,0	7,7	3,0				
220062-220063	Infinity HGS75	0,55 kW - 0,75 HP	19,5	17,0	13,0	10,0	6,0				
220064-220065	Infinity HGS100	0,74 kW - 1,00 HP	25,7	22,5	18,0	15,0	13,9	6,0	1,0		
220066-220067	Infinity HGS150	1,10 kW - 1,50 HP	29,0	26,5	24,0	22,0	20,0	15,5	12,0	8,0	
220068-220069	Infinity HGS200	1,50 kW - 2,00 HP	32,0	30,0	27,3	25,0	23,0	19,5	16,0	12,0	
220070-220071	Infinity HGS250	1,84 kW - 2,50 HP	40,0	37,0	33,0	32,0	31,5	26,0	23,0	20,0	
220072-220073	Infinity HGS300	2,20 kW - 3,00 HP	41,0	40,0	38,0	36,0	34,0	32,0	29,0	26,0	
220074-220075	Infinity HGS400	3,00 kW - 4,00 HP	52,0	47,0	44,0	42,0	36,0	32,0	28,0	22,0	



CODE KÓD KODE	TYPE TYP TYP	NET WEIGHT ČISTÁ HMOTNOST NETTOGEWICHT	GROSS WEIGHT CELK. HMOTNOST BRUTTOGEWICHT	DIMENSIONS / ROZMĚRY / ABMESSUNGEN						
				[mm]						
				A	B	C	D	E	F	H (Ø)
220060-220061	Infinity HGS50	12,5 kg	13,8 kg	569	280	282	173	179	71	Ø50
220062-220063	Infinity HGS75	12,5 kg	13,8 kg	569	280	282	173	179	71	Ø50
220064-220065	Infinity HGS100	12,5 kg	13,8 kg	569	280	282	173	179	71	Ø50
220066-220067	Infinity HGS150	12,5 kg	13,8 kg	569	280	282	173	179	71	Ø63
220068-220069	Infinity HGS200	13,5 kg	15,0 kg	569	280	282	173	179	71	Ø63
220070-220071	Infinity HGS250	16,2 kg	17,5 kg	578	280	282	173	179	71	Ø63
220072-220073	Infinity HGS300	16,2 kg	17,5 kg	578	280	282	173	179	71	Ø63
220074-220075	Infinity HGS400	19,7 kg	20,9 kg	630	280	282	173	179	71	Ø63



Series Infinity HPS

Self priming centrifugal pumps for swimming pool – high hydraulic efficiency, totally silent, simple, robust. Smaller prefilter with fast – opening transparent lid. One-piece body in durable, resistant composite

- High hydraulic efficiency
- Ultra quiet operation
- Simple, robust & compact
- One-piece body in durable resistant composite material
- Impeller and flange in noryl
- Smaller prefilter
- Innovative design with patented strainer basket
- Use: fresh water - sea water - treated water - brackish water
- The prefilter fast-opening translucent lid (bolt-down butterfly system)
- Motor IP 55 - class F - continuous rating 50 Hz.. Available 60 Hz model on demand.
- Stainless steel shaf



220048 **Infinity HPS25**
Power: 0,25CV-HP/0,19 kw

Phase: I Voltage: 220 V

**Rabat
Group**

B

220049 **Infinity HPS33**
Power: 0,33CV-HP/0,24 kw

Phase: I Voltage: 220 V

B

220050 **Infinity HPS33**
Power: 0,33CV-HP/0,24 kw

Phase: III Voltage: 380 V

B



220051 **Infinity HPS50**
Power: 0,5CV-HP/0,37 kw

Phase: I Voltage: 220 V

B

220052 **Infinity HPS50**
Power: 0,5CV-HP/0,37 kw

Phase: III Voltage: 380 V

B



220053 **Infinity HPS75**
Power: 0,75CV-HP/0,55 kw

Phase: I Voltage: 220 V

B

220054 **Infinity HPS75**
Power: 0,75CV-HP/0,55 kw

Phase: III Voltage: 380 V

B

220055 **Infinity HPS100**
Power: 1CV-HP/0,74 kw

Phase: I Voltage: 220 V

B

220056 **Infinity HPS100**
Power: 1CV-HP/0,74 kw

Phase: III Voltage: 380 V

B

220057 **Infinity HPS150**
Power: 1,5 CV-HP/1,1 kw

Phase: I Voltage: 220 V

B

220058 **Infinity HPS150**
Power: 1,5 CV-HP/1,1 kw

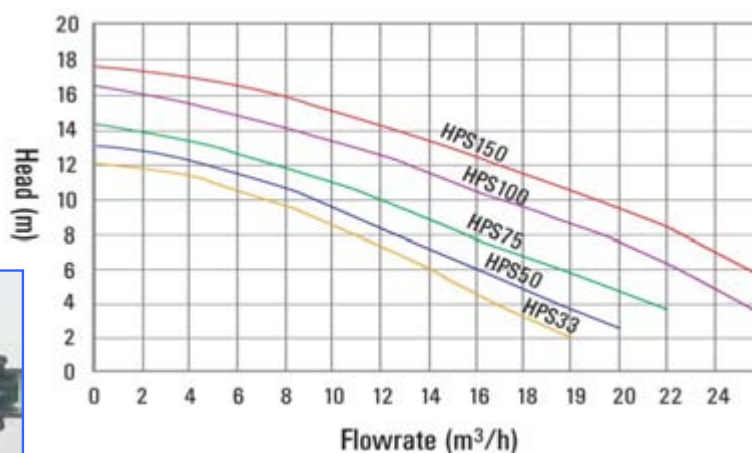
Phase: III Voltage: 380 V

B

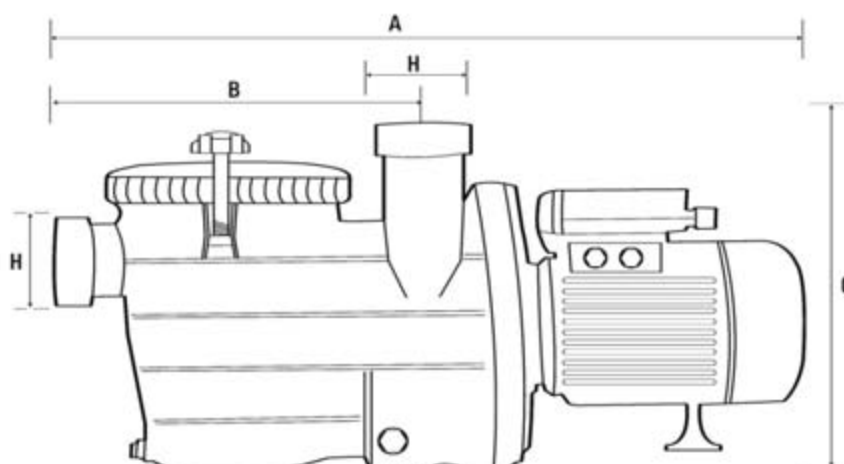
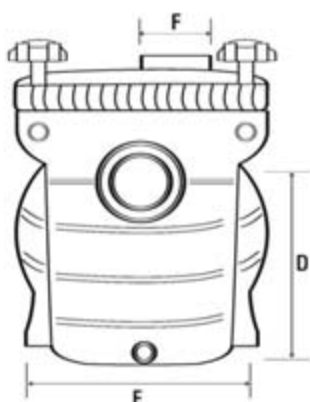


Technical specifications HGS pumps:

CODE KÓD KODE	TYPE TYP TYP	POWER PŘÍKON LEISTUNG	MANOMETRIC HEIGHT / VÝTLAČ. VÝŠKA / FÖRDERHÖHE [m]							
			FLOW / PRŮTOK / DURCHFLOSS [m³/h]							
			4	6	8	10	11	12	14	16
220048	Infinity HPS25	0,18 kW - 0,25 HP	12,5	9,5	6,3	4,0				
220049-220050	Infinity HPS33	0,24 kW - 0,33 HP	14,0	11,0	7,0	4,0				
220051-220052	Infinity HPS50	0,37 kW - 0,50 HP	16,0	12,0	9,0	7,0	4,2			
220053-220054	Infinity HPS75	0,55 kW - 0,75 HP	18,5	15,0	12,0	10,0	7,5	2,0		
220055-220056	Infinity HPS100	0,74 kW - 1,00 HP	22,0	19,5	17,0	15,0	13,0	8,0	2,0	
220057-220058	Infinity HPS150	1,10 kW - 1,50 HP	25,0	22,0	19,5	18,5	17,5	12,0	7,0	



CODE KÓD KODE	TYPE TYP TYP	NET WEIGHT ČISTÁ HMOTNOST NETTOGEWICHT		GROSS WEIGHT CELK. HMOTNOST BRUTTOGEWICHT		DIMENSIONS / ROZMĚRY / ABMESSUNGEN [mm]					
						A	B	C	D	E	F H (Ø)
220048	Infinity HPS25	8,0 kg	9,0 kg	474	219	236	147	137	58	Ø50	
220049-220050	Infinity HPS33	8,5 kg	9,5 kg	474	219	236	147	137	58	Ø50	
220051-220052	Infinity HPS50	8,5 kg	9,5 kg	474	219	236	147	137	58	Ø50	
220053-220054	Infinity HPS75	8,5 kg	9,5 kg	474	219	236	147	137	58	Ø50	
220055-220056	Infinity HPS100	11,5 kg	12,5 kg	500	219	236	147	137	58	Ø50	
220057-220058	Infinity HPS150	11,5 kg	12,5 kg	500	219	236	147	137	58	Ø50	



Series HA

Centrifugal pump for up stream equipment, spas, etc.

Centrifugal pumps for up stream equipment, spas, etc. Thermosetting plastics hydraulic body. Impeller and flange in noryl charged fiber glass. Motor: IP 54 protection, isolation class F 50 Hz, 2850 r.p.m..
 Employment limit: water temperature 60 °C. Maximal pressure 3,0 bar.

- Centrifugal pumps with thermoplastic injected body
- Impeller and flange in noryl charged with fiber glass
- Pump is not equipped with a prefilter
- Motor IP 54, isolation class F, 50 Hz., 2850 r.p.m.
- Max. working pressure: 3 bar
- Max. employment limit water temperature : 60 °C



					Rabat Group
210111	HA250	Phase: I	Volumen: 0,076 m3	A	
		Flow: 44 m3/h - 10 m.w.c.	Weight: 20,8 kg		
210112	HA250	Phase: III	Volumen: 0,076 m3	A	
		Flow: 44 m3/h - 10 m.w.c.	Weight: 20,8 kg		
210131	HA300	Phase: I	Volumen: 0,076 m3	A	
		Flow: 48 m3/h - 10 m.w.c.	Weight: 21,5 kg		
210113	HA300	Phase: III	Volumen: 0,076 m3	A	
		Flow: 48 m3/h - 10 m.w.c.	Weight: 21,5 kg		
210114	HA350	Phase: III	Volumen: 0,076 m3	A	
		Flow: 63 m3/h - 10 m.w.c.	Weight: 24,8 kg		
210115	HA450	Phase: III	Volumen: 0,076 m3	A	
		Flow: 67 m3/h - 10 m.w.c.	Weight: 26,8 kg		

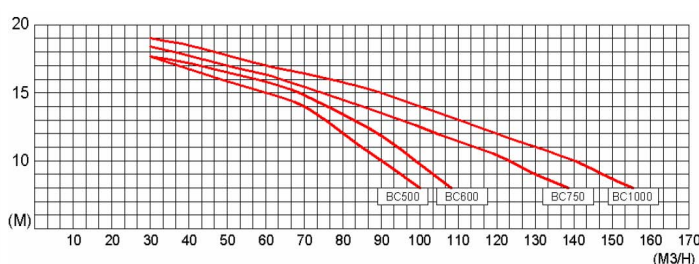
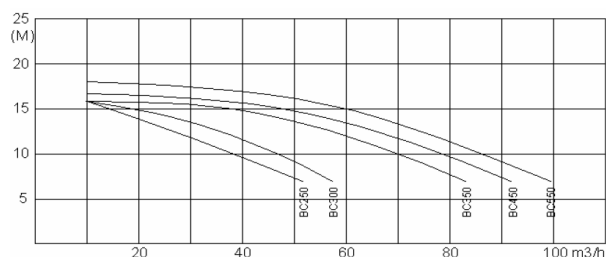


210123	HA500	Phase: III	Volumen: 0,125 m3	A	
		Flow: 74 m3/h - 12 m.w.c.	Weight: 37,0 kg		
210124	HA600	Phase: III	Volumen: 0,125 m3	A	
		Flow: 88,5 m3/h - 12 m.w.c.	Weight: 38,0 kg		
210125	HA750	Phase: III	Volumen: 0,125 m3	A	
		Flow: 104 m3/h - 12 m.w.c.	Weight: 44,0 kg		
210126	HA1000	Phase: III	Volumen: 0,125 m3	A	
		Flow: 120 m3/h - 12 m.w.c.	Weight: 53,0 kg		
210131	HA1250	Phase: III	Volumen: 0,125 m3	A	
		Flow: 131 m3/h - 12 m.w.c.	Weight: 75,0 kg		



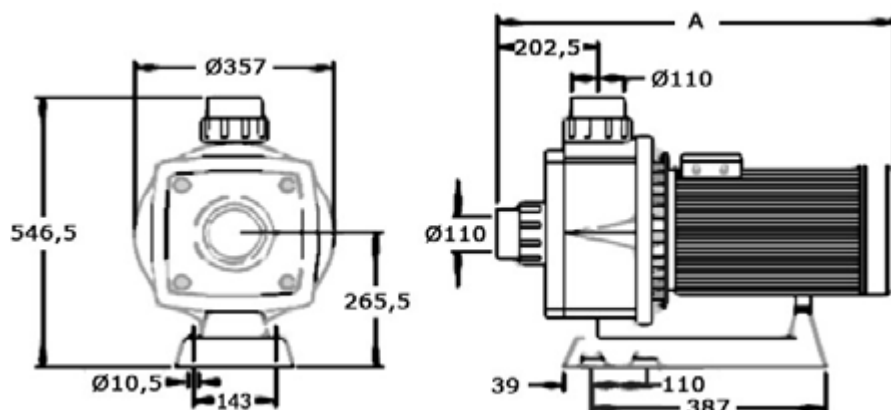
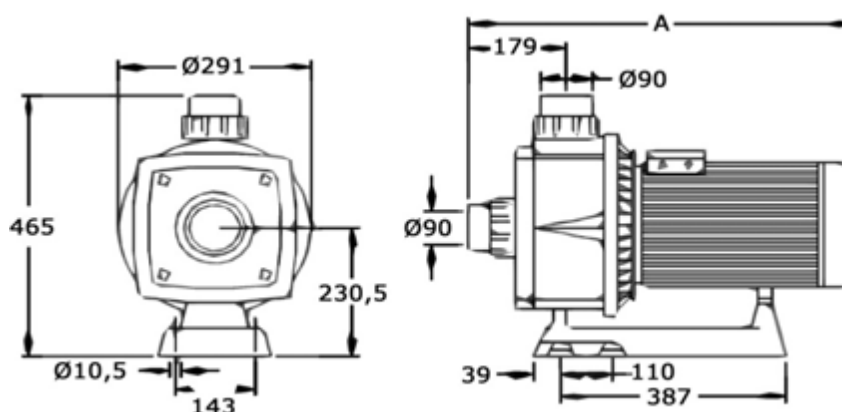
Technical specifications HA pumps:

CODE KÓD KODE	TYPE TYP TYP	POWER PŘÍKON LEISTUNG	PHASE - VOLTAGE FÁZE - NAPĚTÍ PHASE - SPANNUNG	FLOW PRŮTOK DURCHFLOß	DIMENSIONS / ROZMĚRY ABMESSUNGEN [mm] A CONECTION	
210111	HA250 M	2,30 kW - 2,5 HP	I - 230V	44 m³/h at 10 m.w.c.	540	Ø 90
210112	HA250 T	2,30 kW - 2,5 HP	III - 230/400V	44 m³/h at 10 m.w.c.	540	Ø 90
210131	HA300 M	2,76 kW - 3,0 HP	I - 230V	48 m³/h at 10 m.w.c.	540	Ø 90
210113	HA300 T	2,76 kW - 3,0 HP	III - 230/400V	48 m³/h at 10 m.w.c.	540	Ø 90
210114	HA350 T	3,26 kW - 3,5 HP	III - 230/400V	63 m³/h at 10 m.w.c.	581	Ø 90
210115	HA450 T	4,04 kW - 4,5 HP	III - 230/400V	67 m³/h at 10 m.w.c.	581	Ø 90
210123	HA500 T	4,71 kW - 5,5 HP	III - (*230)/400/700V	74 m³/h at 12 m.w.c.	626	Ø 110
210124	HA600 T	5,75 kW - 6,5 HP	III - 400/700V	88,5 m³/h at 12 m.w.c.	626	Ø 110
210125	HA750 T	7,00 kW - 7,5 HP	III - 400/700V	104 m³/h at 12 m.w.c.	671	Ø 110
210126	HA1000 T	8,70 kW - 10,0 HP	III - 400/700V	120 m³/h at 12 m.w.c.	701	Ø 110
210131	HA1250 T	10,20 kW - 12,5 HP	III - 400/700V	131 m³/h at 12 m.w.c.		Ø 110



Dimensions pumps ►

- HA250 M
- HA250 T
- HA300 M
- HA300 T
- HA450 T



◀ Dimensions pumps

- HA500 T
- HA600 T
- HA750 T
- HA1000 T
- HA1250 T

Series HAF

Self priming centrifugal pumps for swimming pool. High capacity pre-filter 8L. Lowerable cover screws with stainless steel studs. Thermosetting plastics hydraulic body. Impeller and flange in noryl charged fiber glass.

- Centrifugal pumps with thermoplastic injected body
- Impeller and flange in noryl charged with fiber glass
- High capacity pre-filter 8 or 14 liters
- Prefilter lid in transparent polycarbonate. The closing of the lid is made by four hinged cover-screws with stainless steel studs.
- Motor protection: IP 54, Isolation class F. 50 Hz (60 Hz pumps available under request) 2850 r.p.m.
- Max. working pressure: 3 bar
- Max. employment limit water temperature : 60°C

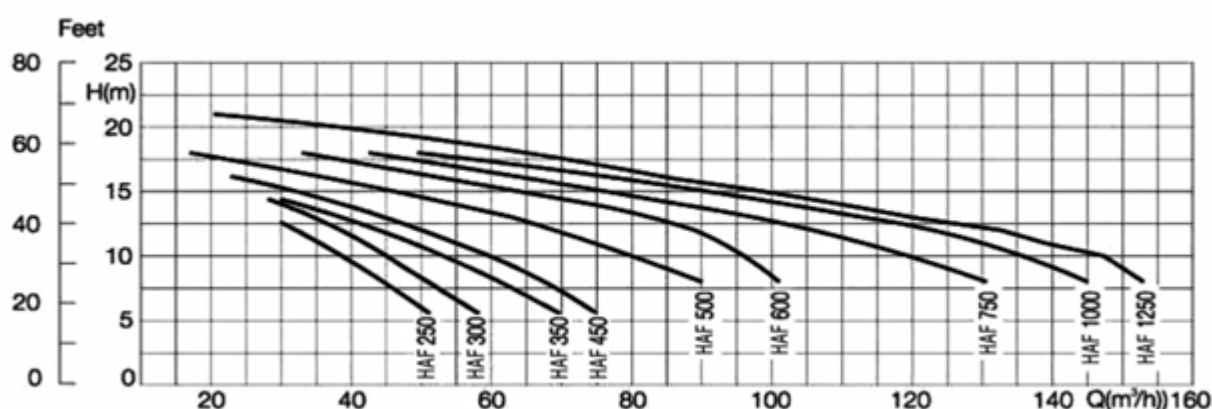


					Rabat Group
210117	HAF250	Phase: I Flow: 41 m3/h - 10 m.w.c.	Volumen: 0,137 m3 Weight: 25,5 kg		A
210118	HAF250	Phase: III Flow: 41 m3/h - 10 m.w.c.	Volumen: 0,137 m3 Weight: 25,5 kg		A
210132	HAF300	Phase: I Flow: 48 m3/h - 10 m.w.c.	Volumen: 0,137 m3 Weight: 26,2 kg		A
210119	HAF300	Phase: III Flow: 48 m3/h - 10 m.w.c.	Volumen: 0,137 m3 Weight: 26,2 kg		A
210120	HAF350	Phase: III Flow: 58 m3/h - 10 m.w.c.	Volumen: 0,137 m3 Weight: 28,5 kg		A
210121	HAF450	Phase: III Flow: 66 m3/h - 10 m.w.c.	Volumen: 0,137 m3 Weight: 30,5 kg		A
210127	HAF500	Phase: III Flow: 64 m3/h - 12 m.w.c.	Volumen: 0,211 m3 Weight: 45,0 kg		A
210128	HAF600	Phase: III Flow: 84,2 m3/h - 12 m.w.c.	Volumen: 0,211 m3 Weight: 46,0 kg		A
210129	HAF750	Phase: III Flow: 104,5 m3/h - 12 m.w.c.	Volumen: 0,211 m3 Weight: 52,0 kg		A
210130	HAF1000	Phase: III Flow: 115,6 m3/h - 12 m.w.c.	Volumen: 0,211 m3 Weight: 66,0 kg		A
210132	HAF1250	Phase: III Flow: 124,5 m3/h - 12 m.w.c.	Volumen: 0,211 m3 Weight: 76,0 kg		A



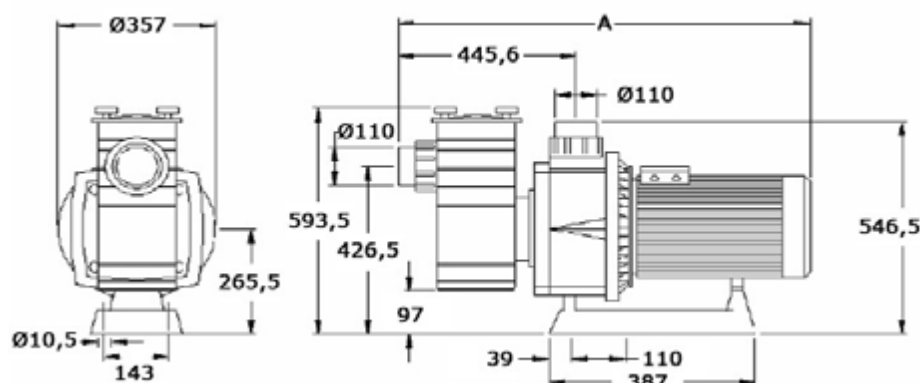
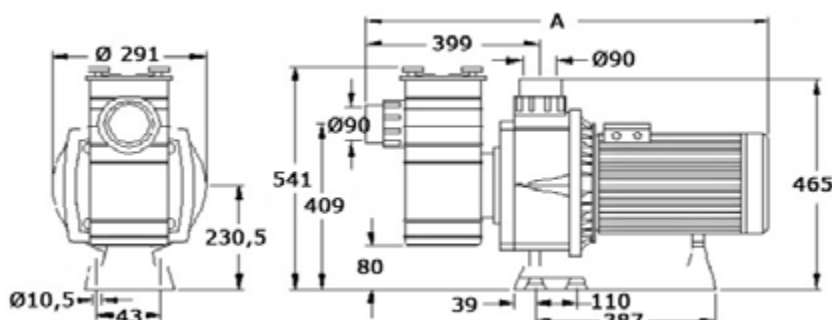
Technical specifications HAF pumps:

CODE KÓD KODE	TYPE TYP TYP	POWER PŘÍKON LEISTUNG	PHASE - VOLTAGE FÁZE - NAPĚTÍ PHASE - SPANNUNG	FLOW PRŮTOK DURCHFLUSS	DIMENSIONS / ROZMĚRY ABMESSUNGEN [mm] A CONNECTION	
210117	HAF250 M	2,30 kW - 2,5 HP	I - 230V	41 m³/h at 10 m.w.c.	760	Ø 90
210118	HAF250 T	2,30 kW - 2,5 HP	III - 230/400V	41 m³/h at 10 m.w.c.	760	Ø 90
210132	HAF300 M	2,76 kW - 3,0 HP	I - 230V	48 m³/h at 10 m.w.c.	760	Ø 90
210119	HAF300 T	2,76 kW - 3,0 HP	III - 230/400V	48 m³/h at 10 m.w.c.	760	Ø 90
210120	HAF350 T	3,26 kW - 3,5 HP	III - 230/400V	58 m³/h at 10 m.w.c.	801	Ø 90
210121	HAF450 T	4,04 kW - 4,5 HP	III - 230/400V	66 m³/h at 10 m.w.c.	801	Ø 90
210127	HAF500 T	4,71 kW - 5,5 HP	III - (*230)/400/700V	64 m³/h at 12 m.w.c.	869	Ø 110
210128	HAF600 T	5,75 kW - 6,5 HP	III - 400/700V	84,2 m³/h at 12 m.w.c.	869	Ø 110
210129	HAF750 T	7,00 kW - 7,5 HP	III - 400/700V	104,5 m³/h at 12 m.w.c.	914	Ø 110
210130	HAF1000 T	8,70 kW - 10,0 HP	III - 400/700V	115,6 m³/h at 12 m.w.c.	944	Ø 110
210132	HAF1250 T	10,20 kW - 12,5 HP	III - 400/700V	124,5 m³/h at 12 m.w.c.	984	Ø 110



Dimensions pumps ►

- HAF250 M
- HAF250 T
- HAF300 M
- HAF300 T
- HAF450 T



◀ Dimensions pumps

- HAF500 T
- HAF600 T
- HAF750 T
- HAF1000 T
- HAF1250 T

Series F-GIANT-N – 2850 r.p.m.

Giant is a centrifugal swimming pool pump. These electrical pumps have been designed for recirculating of clean slightly treated water in private or public swimming pools none containing abrasive or aggressive substances. This pump is fitted with a high capacity pre-filter with easy handled stainless steel basket. On demand - mechanical seal for a use with sea water.

- Centrifugal pumps as the volute of Giant pumps is made of PP 30% fibreglass
- Shaft: SS AISI 303
- Impeller closed type; made of bronze / Al
- Pump housing + prefilter: PP+30% fibreglass
- Prefilter basket: AISI 304
- High capacity pre-filter
- Mechanical seal type: Carbon + resin - Ceramics.
- All phase III
- Ball bearing 2Z: Armoured and permanently lubricated
- Motor protection: IP 55, Isolation class F. 50Hz. (On demand 60 Hz)., 2850 r.p.m.
- Max. pressure: 2,3 bar
- Operation water temperature : 4°C to 40°C
- Temperature of ambience: 4°C to 40°C

Rabat Group

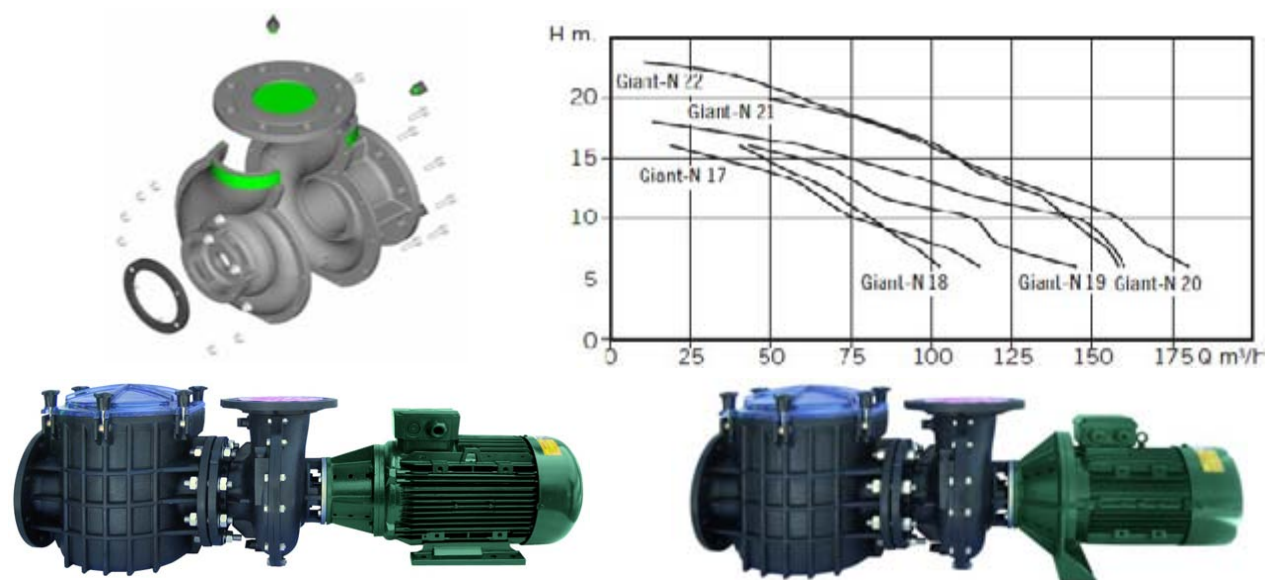
210201	F-GIANT-N 17	Power: 4 HP Connection flange entry/exit: 100/100 DN	230/400 V Weight: 28 kg	A
210202	F-GIANT-N 18	Power: 5,5 HP Connection flange entry/exit: 100/100 DN	230/400 V Weight: 37,4 kg	A
210203	F-GIANT-N 18	Power: 5,5 HP Connection flange entry/exit: 100/100 DN	400/700 V Weight: 37,4 kg	A
210204	F-GIANT-N 19	Power: 5,5 HP Connection flange entry/exit: 125/100 DN	230/400 V Weight: 50,7 kg	A
210205	F-GIANT-N 19	Power: 5,5 HP Connection flange entry/exit: 125/100 DN	400/700 V Weight: 50,7 kg	A
210206	F-GIANT-N 20	Power: 7,5 HP Connection flange entry/exit: 125/100 DN	230/400 V Weight: 59 kg	A
210207	F-GIANT-N 20	Power: 7,5 HP Connection flange entry/exit: 125/100 DN	400/700 V Weight: 59 kg	A
210208	F-GIANT-N 21	Power: 10 HP Connection flange entry/exit: 125/100 DN	230/400 V Weight: 64,5 kg	A
210209	F-GIANT-N 21	Power: 10 HP Connection flange entry/exit: 125/100 DN	400/700 V Weight: 4,51 kg	A
210210	F-GIANT-N 22	Power: 12,5 HP Connection flange entry/exit: 125/100 DN	230/400 V Weight: 73,5 kg	A
210211	F-GIANT-N 22	Power: 12,5 HP Connection flange entry/exit: 125/100 DN	400/700 V Weight: 73,5 kg	A

In order to avoid possible damages during transportation, the pumps will be invoiced and delivered in 3 separate packs- F-GIANT+ Prefilter +Coupling set !

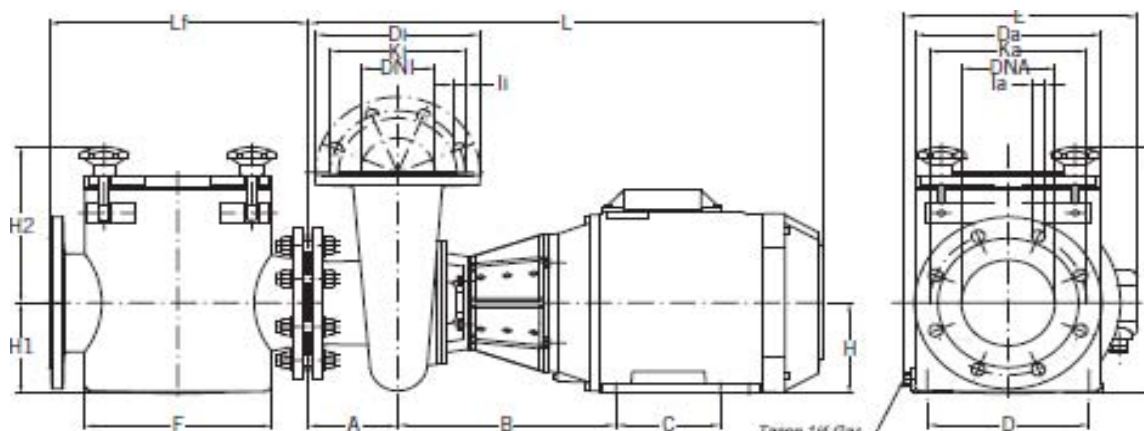


Technical specifications F-GIANT-N 2850 r.p.m.pumps:

CODE KÓD CODE	TYPE TYP TYP	POWER PŘÍKON LEISTUNG	III		III	MANOMETRIC HEIGHT / VÝTLAČ. VÝŠKA / FÖRDERHÖHE [m]										
			230 / 400V	A	400/700V	FLOW / PRŮTOK / DURCHFLOß [m³/h]										
			A	A	A	6	8	10	12	14	16	18	20	22	23	
210201	F-GIANT-N 17	4,0 HP	11,1	6,4	-	114,8	99,1	76,5	64,4	47,2	18,6	-	-	-	-	
210202	F-GIANT-N 18	5,5 HP	11,6	6,7	-	102,7	93,4	81,4	69,7	55,9	39,2	-	-	-	-	
210203	F-GIANT-N 18	5,5 HP	-	-	6,7	102,7	93,4	81,4	69,7	55,9	39,2	-	-	-	-	
210204	F-GIANT-N 19	5,5 HP	14,2	8,2	-	145,6	120,1	113,7	82,3	59,0	-	-	-	-	-	
210205	F-GIANT-N 19	5,5 HP	-	-	8,2	145,6	120,1	113,7	82,3	59,0	-	-	-	-	-	
210206	F-GIANT-N 20	7,5 HP	18,0	10,4	-	159,3	155,7	145,1	110,9	88,7	60,2	13,6	-	-	-	
210207	F-GIANT-N 20	7,5 HP	-	-	10,4	159,3	155,7	145,1	110,9	88,7	60,2	13,6	-	-	-	
210208	F-GIANT-N 21	10,0 HP	22,1	12,8	-	179,0	166,4	158,6	137,0	116,3	98,8	79,0	49,8	-	-	
210209	F-GIANT-N 21	10,0 HP	-	-	12,8	179,0	166,4	158,6	137,0	116,3	98,8	79,0	49,8	-	-	
210210	F-GIANT-N 22	12,5 HP	26,1	15,1	-	158,6	150,3	142,8	133,0	114,4	106,6	81,8	59,4	36,1	10,4	
210211	F-GIANT-N 22	12,5 HP	-	-	15,1	158,6	150,3	142,8	133,0	114,4	106,6	81,8	59,4	36,1	10,4	



CODE KÓD CODE	TYPE TYP TYP	DIMENSIONS / ROZMĚRY / ABMESSUNGEN															
		[mm]															
		Da	Ka	la	DI	KI	II	N°tal.	A	B	C	D	E	F	G	H	L
210201	F-GIANT-N 17	220	180	18	220	180	19	8	120	196	-	190	275	250	347	132	584
210202(3)	F-GIANT-N 18	220	180	18	220	180	19	8	120	196	-	190	275	250	347	132	606
210204(5)	F-GIANT-N 19	250	210	18	220	180	19	8	120	196	-	190	275	250	347	132	606
210206(7)	F-GIANT-N 20	250	210	18	220	180	19	8	120	292	140	216	312	250	360	132	724
210208(9)	F-GIANT-N 21	250	210	18	220	180	19	8	120	292	140	216	312	250	360	132	724
210210(11)	F-GIANT-N 22	250	210	18	220	180	19	8	120	292	140	216	312	250	360	132	724



Series GIANT-N – 2850 r.p.m.

Giant is a centrifugal swimming pool pump. These electrical pumps have been designed for recirculating of clean slightly treated water in private or public swimming pools none containing abrasive or aggressive substances.

On demand - mechanical seal for a use with sea water.

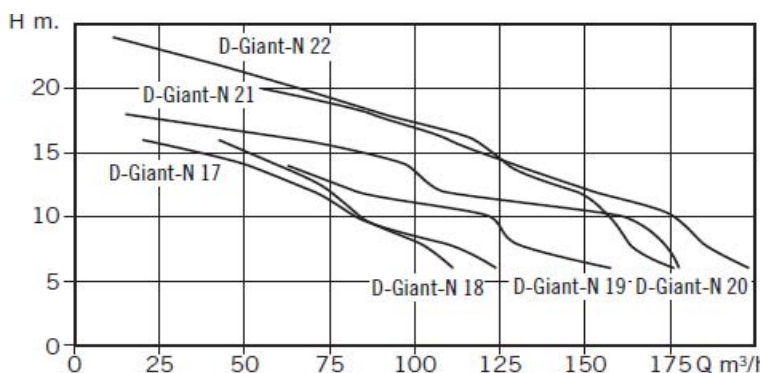
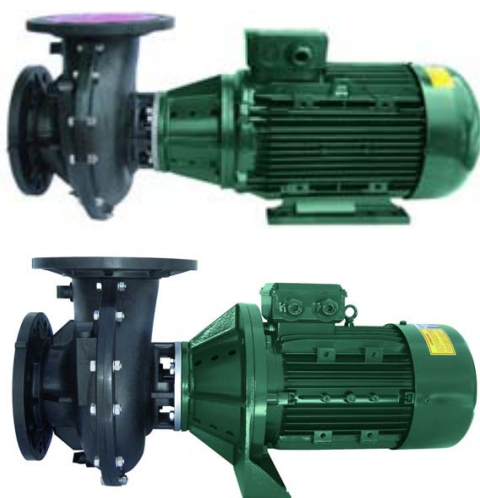
- Centrifugal pumps as the volute of Giant pumps is made of PP 30% fibreglass
- Shaft: SS AISI 303
- Impeller closed type; made of bronze / Al
- Pump housing: PP+30% fibreglass
- Mechanical seal type: Carbon+ resin-Ceram.
- **Without prefilter**
- Ball bearing 2Z: Armoured and permanently lubricated
- Motor protection: IP 55, Isolation class F. 50Hz. (On demand 60 Hz)., 2850 r.p.m.
- Max. pressure: 2,3 bar
- Operation water temperature : 4°C to 40°C
- Temperature of ambience: 4°C to 40°C

				Rabat Group
210212	GIANT-N 17	Power: 4 HP Connection flange entry/exit: 100/100 DN	230/400 V Weight: 24 kg	A
210213	GIANT-N 18	Power: 5,5 HP Connection flange entry/exit: 100/100 DN	230/400 V Weight: 32,5 kg	A
210214	GIANT-N 18	Power: 5,5 HP Connection flange entry/exit: 100/100 DN	400/700 V Weight: 32,5 kg	A
210215	GIANT-N 19	Power: 5,5 HP Connection flange entry/exit: 125/100 DN	230/400 V Weight: 45,8 kg	A
210216	GIANT-N 19	Power: 5,5 HP Connection flange entry/exit: 125/100 DN	400/700 V Weight: 45,8 kg	A
210217	GIANT-N 20	Power: 7,5 HP Connection flange entry/exit: 125/100 DN	230/400 V Weight: 55,5 kg	A
210218	GIANT-N 20	Power: 7,5 HP Connection flange entry/exit: 125/100 DN	400/700 V Weight: 55,5 kg	A
210219	GIANT-N 21	Power: 10 HP Connection flange entry/exit: 125/100 DN	230/400 V Weight: 61 kg	A
210220	GIANT-N 21	Power: 10 HP Connection flange entry/exit: 125/100 DN	400/700 V Weight: 61 kg	A
210221	GIANT-N 22	Power: 12,5 HP Connection flange entry/exit: 125/100 DN	230/400 V Weight: 70 kg	A
210222	GIANT-N 22	Power: 12,5 HP Connection flange entry/exit: 125/100 DN	400/700 V Weight: 70 kg	A

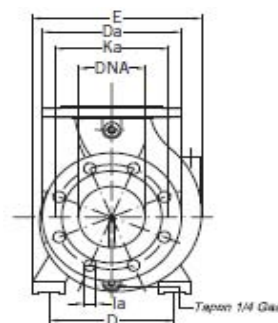
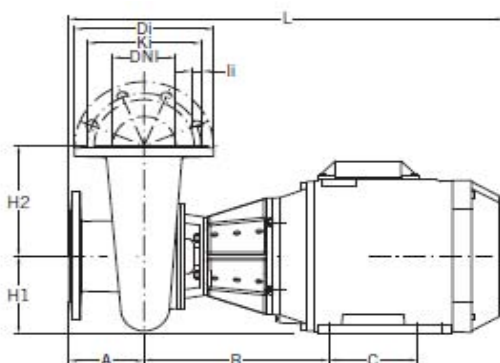


Technical specifications GIANT-N 2850 r.p.m.pumps:

CODE KÓD KODE	TYPE TYP TYP	POWER PŘÍKON LEISTUNG	III		III	MANOMETRIC HEIGHT / VÝTLAČ. VÝŠKA / FÖRDERHÖHE [m]									
			230 / 400V	400/700V		FLOW / PRŮTOK / DURCHFLOSS [m³/h]									
			A	A	A	6	8	10	12	14	16	18	20	22	23
210212	GIANT-N 17	4,0 HP	11,1	6,4	-	124,8	107,7	83,2	70,0	51,3	20,2	-	-	-	-
210213	GIANT-N 18	5,5 HP	11,6	6,7	-	111,6	101,5	88,5	75,8	60,8	42,6	-	-	-	-
210214	GIANT-N 18	5,5 HP	-	-	6,7	111,6	101,5	88,5	75,8	60,8	42,6	-	-	-	-
210215	GIANT-N 19	5,5 HP	14,2	8,2	-	157,1	129,6	122,7	88,8	63,7	-	-	-	-	-
210216	GIANT-N 19	5,5 HP	-	-	8,2	157,1	129,6	122,7	88,8	63,7	-	-	-	-	-
210217	GIANT-N 20	7,5 HP	18,0	10,4	-	177,0	173,0	161,2	123,2	98,5	66,9	15,1	-	-	-
210218	GIANT-N 20	7,5 HP	-	-	10,4	177,0	173,0	161,2	123,2	98,5	66,9	15,1	-	-	-
210219	GIANT-N 21	10,0 HP	22,1	12,8	-	198,8	184,8	176,2	152,2	152,2	109,8	87,7	55,3	-	-
210221	GIANT-N 21	10,0 HP	-	-	12,8	198,8	184,8	176,2	152,2	152,2	109,8	87,7	55,3	-	-
210222	GIANT-N 22	12,5 HP	26,1	15,1	-	176,2	167,0	158,6	147,7	127,1	118,4	90,9	66,0	40,1	11,6
210223	GIANT-N 22	12,5 HP	-	-	15,1	176,2	167,0	158,6	147,7	127,1	118,4	90,9	66,0	40,1	11,6



CODE KÓD KODE	TYPE TYP TYP	DIMENSIONS / ROZMĚRY / ABMESSUNGEN														
		[mm]														
		Da	Ka	la	Di	Ki	li	N°tal.	A	B	C	D	E	H1	H2	L
210212	GIANT-N 17	220	180	19	220	180	19	8	120	196	-	190	267	132	190	584
210213(14)	GIANT-N 18	220	180	19	220	180	19	8	120	196	-	190	267	132	190	606
210215(16)	GIANT-N 19	220	180	19	220	180	19	8	120	196	-	190	267	132	190	606
210217(18)	GIANT-N 20	220	180	19	220	180	19	8	120	292	140	216	273	132	190	724
210219(20)	GIANT-N 21	220	180	19	220	180	19	8	120	292	140	216	273	132	190	724
210221(22)	GIANT-N 22	220	180	19	220	180	19	8	120	292	140	216	273	132	190	724



Series Infinity FDN – 2850 r.p.m.

The FDN is a centrifugal swimming pool pump. The FD series is a swimming pool pump designed for higher filtering and water treatment performance in public swimming baths. It has a large volume iron prefilter adapted, with a stainless steel basket, which is easy to access for cleaning, also available in bronze upon request. On demand - mechanical seal for a use with sea water.

- Pump body made of Cast Iron. Bronze on demand
- Shaft: SS AISI 304
- Impeller: Bronze (FD-17/18/19/20/21/22)
- Impeller: Brass (FD-14/15/16)
- Prefilter basket: SS AISI 304
- High capacity prefilter
- Mechanical seal type: Carbon + resin - Ceramics.
- Amoured ball bearing
- Motor protection: IP 55, Isolation class F. 50Hz, 2850 r.p.m.
- Max. pressure: 2,1 bar
- Operation water temperature : 4°C to 40°C
- Temperature of ambience: 4°C to 40°C
- All phase III

CAST IRON

Rabat Group



210001	FDN-14	Power: 2 HP Connection flange entry/exit: 80/R2" DN	230/400/700 V Weight: 50 kg Volume: 0,06 m3/h	A
210002	FDN-15	Power: 3 HP Connection flange entry/exit: 80/R2" DN	230/400/700 V Weight: 51,5 kg Volume: 0,06 m3/h	A
210003	FDN-16	Power: 4 HP Connection flange entry/exit: 80/R2" DN	230/400/700 V Weight: 55,5 kg Volume: 0,07 m3/h	A
210004	FDN-17	Power: 4 HP Connection flange entry/exit: 100/100 DN	230/400/700 V Weight: 64 kg Volume: 0,08 m3/h	A
210005	FDN-18	Power: 5,5 HP Connection flange entry/exit: 100/100 DN	230/400/700 V Weight: 72,8 kg Volume: 0,074 m3/h	A
210006	FDN-19	Power: 5,5 HP Connection flange entry/exit: 125/100 DN	230/400/700 V Weight: 85,8 kg Volume: 0,087 m3/h	A
210007	FDN-20	Power: 7,5 HP Connection flange entry/exit: 125/100 DN	230/400/700 V Weight: 95,5 kg Volume: 0,10 m3/h	A
210008	FDN-21	Power: 10 HP Connection flange entry/exit: 125/100 DN	230/400/700 V Weight: 101 kg Volume: 0,10 m3/h	A
210009	FDN-22	Power: 12,5 HP Connection flange entry/exit: 125/100 DN	230/400/700 V Weight: 110kg Volume: 0,11 m3/h	A



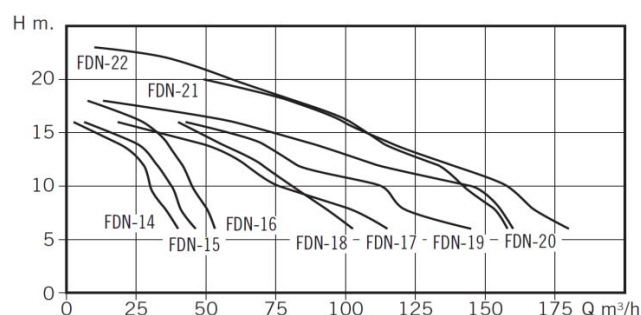
◀ CAST IRON (standard)

▼ BRONZE ON DEMAND

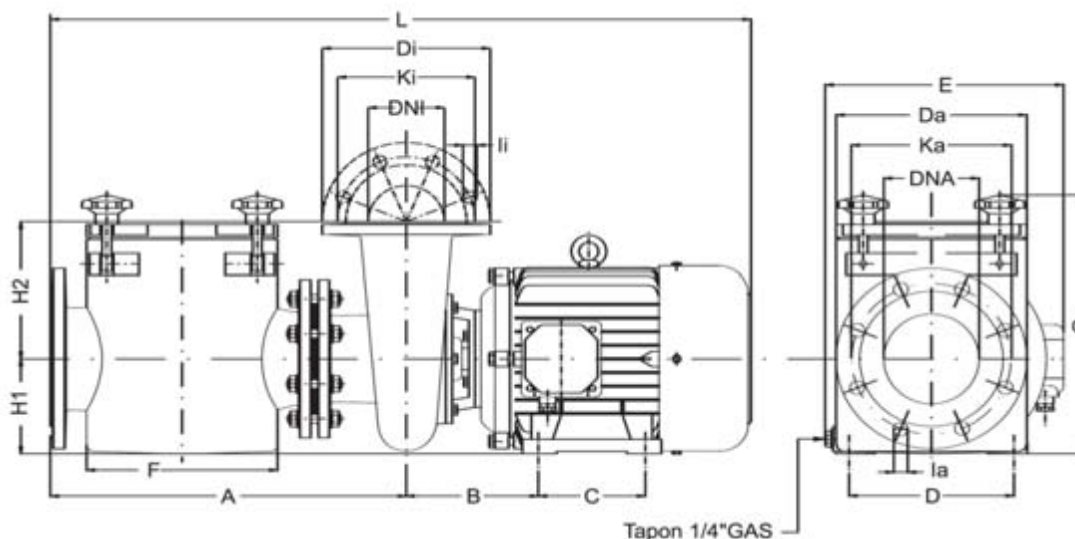


Technical specifications FDN 2850 r.p.m. pumps:

CODE KÓD KODE	TYPE TYP TYP	POWER PŘÍKON LEISTUNG	III			MANOMETRIC HEIGHT / VÝTLAČ. VÝŠKA / FÖRDERHÖHE [m]										
			230 / 400V	400V	400/700V	FLOW / PRŮTOK / DURCHFLOSS [m³/h]										
			A	A	A	6	8	10	12	14	16	18	20	22	23	
210001	FDN-14	2,0 HP	6,9	4,0	4,0	39,7	34,6	30,4	22,9	18,1	2,7	-	-	-	-	
210002	FDN-15	3,0 HP	8,8	5,1	5,1	46,7	41,8	38,2	32,7	24,6	6,9	-	-	-	-	
210003	FDN-16	4,0 HP	11,4	6,6	6,6	53,0	50,8	45,4	42,4	36,6	27,2	7,6	-	-	-	
210004	FDN-17	4,0 HP	10,7	6,2	6,2	114,8	99,1	76,5	64,4	47,2	18,6	-	-	-	-	
210005	FDN-18	5,5 HP	11,6	6,7	6,7	102,7	93,4	81,4	69,7	55,9	39,2	-	-	-	-	
210006	FDN-19	5,5 HP	14,2	8,2	8,2	145,6	120,1	113,7	82,3	70,0	42,4	-	-	-	-	
210007	FDN-20	7,5 HP	18,0	10,4	10,4	159,3	155,7	145,1	110,9	88,7	60,2	13,6	-	-	-	
210008	FDN-21	10,0 HP	22,1	12,8	12,8	179,0	166,4	158,6	137,0	116,3	98,8	79,0	49,8	-	-	
210009	FDN-22	12,5 HP	26,1	15,1	15,1	158,6	150,3	142,8	133,0	114,4	106,6	81,8	59,4	36,1	10,4	



CODE KÓD KODE	TYPE TYP TYP	DIMENSIONS / ROZMĚRY / ABMESSUNGEN															
		[mm]															
		Da	Ka	la	Di	Ki	li	N°tal.	A	B	C	D	E	E	H1	H2	L
210001	FDN-14	200	160	19	-	-	-		383	62	84	144	273	210	120	130	735
210002	FDN-15	200	160	19	-	-	-		383	62	84	144	273	210	120	130	735
210003	FDN-16	200	160	19	-	-	-		383	62	84	144	273	210	128	130	762
210004	FDN-17	220	180	19	220	180	19		420	76	84	144	288	210	128	190	817
210005	FDN-18	220	180	19	220	180	19		420	72	112	176	288	210	132	190	831
210006	FDN-19	250	210	19	220	180	19		466	72	112	176	290	250	132	190	876
210007	FDN-20	250	210	19	220	180	19		466	173	140	216	312	250	132	190	918
210008	FDN-21	250	210	19	220	180	19		466	173	140	216	312	250	132	190	918
210009	FDN-22	250	210	19	220	180	19		466	173	178	216	312	250	132	190	956



Series Infinity FDN-H 1450 r.p.m.

The FDN-H is a centrifugal pump with an easy accessed strainer of big capacity, designed for public pools, competition pools and spas. Its design makes it particularly silent and convert it as the perfect choice for its use in big public swimming pools.

Manufactured fully in bronze on request for a use with sea water.

- Pump body made of Cast Iron. Bronze on demand
- Shaft: SS AISI 304
- Impeller: GG25 cast iron. Bronze on demand
- Prefilter basket: SS AISI 304
- High capacity prefilter
- Mechanical seal type: Carbon + resin - Ceramics.
- Motor protection: IP 55, Isolation class F. 50Hz, 1450 r.p.m.
- Max. pressure: 2,1 bar
- Operation water temperature : 4°C to 40°C
- Temperature of ambience: 4°C to 40°C
- Monophase and Triphase

CAST IRON

**Rabat
Group**

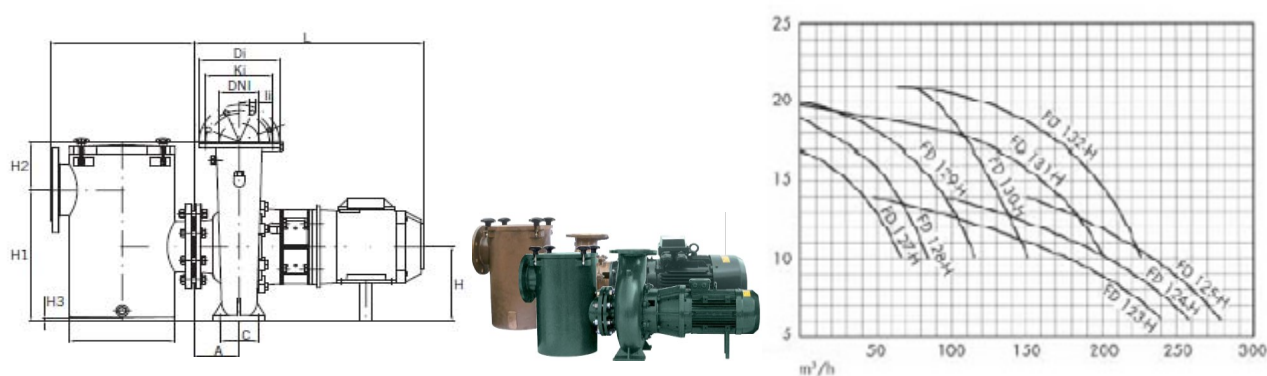

210020	FDN-325 H	Power: 2 HP Connection flange entry/exit: 100/50 DN	230/400/700 V Weight: 84,2 kg Volume: 0,110 m3/h	A
210021	FDN-326 H	Power: 3 HP Connection flange entry/exit: 100/50 DN	230/400/700 V Weight: 89,2 kg Volume: 0,110 m3/h	A
210014	FDN-127 H	Power: 4 HP Connection flange entry/exit: 100/80 DN	230/400/700 V Weight: 103,7 kg Volume: 0,140 m3/h	A
210015	FDN-128 H	Power: 5,5 HP Connection flange entry/exit: 100/80 DN	230/400/700 V Weight: 111,2 kg Volume: 0,140 m3/h	A
210016	FDN-129 H	Power: 7,5 HP Connection flange entry/exit: 125/100 DN	230/400/700 V Weight: 143,4kg Volume: 0,190 m3/h	A
210017	FDN-130 H	Power: 10 HP Connection flange entry/exit: 125/100 DN	230/400/700 V Weight: 153,9kg Volume: 0,190 m3/h	A
210010	FDN-123 H	Power: 10 HP Connection flange entry/exit: 150/125 DN	230/400/700 V Weight: 220,9 kg Volume: 0,324 m3/h	A
210011	FDN-124 H	Power: 12,5 HP Connection flange entry/exit: 150/125 DN	230/400/700 V Weight: 219,4 kg Volume: 0,335 m3/h	A
210012	FDN-125 H	Power: 12,5 HP Connection flange entry/exit: 150/125 DN	230/400/700 V Weight: 228,1 kg Volume: 0,335 m3/h	A
210013	FDN-126 H	Power: 15 HP Connection flange entry/exit: 150/125 DN	230/400/700 V Weight: 261,1 kg Volume: 0,335 m3/h	A
210018	FDN-131 H	Power: 12,5 HP Connection flange entry/exit: 150/100 DN Volume: 0,290 m3/h	230/400/700 V Weight: 213,4 kg Volume: 0,290 m3/h	A
210019	FDN-132 H	Power: 15 HP Connection flange entry/exit: 150/100 DN	230/400/700 V Weight: 243,8 kg Volume: 0,300 m3/h	A



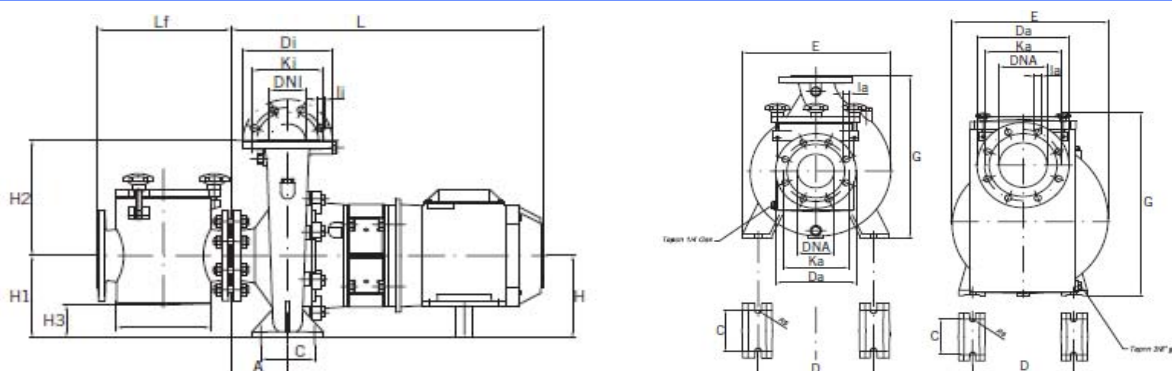
◀ **BRONZE ON DEMAND**

Technical specifications FDN-H 1450 r.p.m. pumps:

CODE KÓD KODE	TYPE TYP TYP	POWER PŘÍKON LEISTUNG	III		III 400/700V A	MANOMETRIC HEIGHT / V. VÝŠKA / FÖRDERHÖHE [m]										CONNECTION DNA/DNI [mm]
			230 / A	400V A		FLOW / PRŮTOK / DURCHFUSS [m³/h]										
			A	A	A	6	8	10	12	14	16	18	20	21		
210020	FDN-325 H	2,0 HP	6,5	3,8	3,8	44,5	39,0	32,3	24,5	15,1	-	-	-	-	100/50	
210021	FDN-326 H	3,0 HP	8,1	4,7	4,7	51,2	45,1	39,7	34,3	26,2	15,8	-	-	-	100/50	
210014	FDN-127 H	4,0 HP	11,4	6,6	6,6	83,9	75,4	61,7	48,6	33,9	12,7	-	-	-	100/80	
210015	FDN-128 H	5,5 HP	13,3	7,7	7,7	97,4	86,9	77,9	66,8	55,3	37,1	18,6	-	-	100/80	
210016	FDN-129 H	7,5 HP	20,2	11,7	11,7	121,6	106,6	96,1	81,4	65,1	36,4	4,8	-	-	125/100	
210017	FDN-130 H	10,0 HP	25,4	14,7	14,7	130,1	123,9	115,2	106,4	93,9	79,5	55,0	15,5	-	125/100	
210010	FDN-123 H	10,0 HP	24,9	14,4	14,4	227,7	200,1	165,0	111,5	9,1	-	-	-	-	150/125	
210011	FDN-124 H	12,5 HP	25,6	14,8	14,8	227,9	201,2	165,4	117,1	18,8	-	-	-	-	150/125	
210012	FDN-125 H	12,5 HP	28,2	16,3	16,3	241,6	216,1	182,9	139,8	80,1	-	-	-	-	150/125	
210013	FDN-126 H	15,0 HP	36,6	21,2	21,2	-	-	239,6	211,3	179,6	111,7	0,1	-	-	150/125	
210018	FDN-131 H	12,5 HP	30,9	17,9	17,9	-	-	148,1	132,8	120,6	101,8	79,7	2,5	-	150/100	
210019	FDN-132 H	15,0 HP	39,6	22,9	22,9	-	-	169,0	156,4	144,7	129,3	111,1	78,8	26,9	150/100	



CODE KÓD KODE	TYPE TYP TYP	DIMENSIONS / ROZMĚRY / ABMESSUNGEN																		
		[mm]																		
		Da	Ka	la	Di	Ki	li	N°tal.	A	C	D	E	F	G	H	H1	H2	H3	L	Lf
210020	FDN-325 H	220	180	19	165	125	19	8 - 4	100	95	250	335	210	405	180	180	225	60	470	298
210021	FDN-326 H	220	180	19	165	125	19	8 - 4	100	95	250	335	210	405	180	180	225	60	601	298
210014	FDN-127 H	220	180	19	200	160	19	8 - 4	125	120	315	405	210	480	200	200	280	80	641	298
210015	FDN-128 H	220	180	19	200	160	19	8 - 4	125	120	315	405	210	480	200	200	280	80	641	298
210016	FDN-129 H	250	210	19	220	180	19	8 - 8	140	120	315	430	250	505	225	225	280	93	801	345
210017	FDN-130 H	250	210	19	220	180	19	8 - 8	140	120	315	430	250	505	225	225	280	93	801	345
210010	FDN-123 H	285	240	23	250	210	19	8 - 8	140	120	315	485	328	605	250	441	163	10	801	445
210011	FDN-124 H	285	240	23	250	210	19	8 - 8	140	120	315	485	328	605	250	441	163	10	801	445
210012	FDN-125 H	285	240	23	250	210	19	8 - 8	140	120	315	485	328	605	250	441	163	10	801	445
210013	FDN-126 H	285	240	23	250	210	19	8 - 8	140	120	315	485	328	605	250	441	163	10	921	445
210018	FDN-131 H	285	240	23	220	180	19	8 - 8	140	120	315	430	328	505	225	416	88	-15	801	445
210019	FDN-132 H	285	240	23	220	180	19	8 - 8	140	120	315	430	328	505	225	416	88	-15	921	445



Series Infinity FDN-HV 1450 r.p.m.

The adaptable strainer of the FDN-HV pump allows the option of a vertical assembly with reduced space requirement in big pools installations, aquatic parcs and spas. Its special design converts the FDN-HV into the most silent pump of the market. Manufactured fully in bronze on request for a use with sea water.

- Pump body made of Cast Iron. Bronze on demand
- Shaft: SS AISI 304
- Impeller: GG25 cast iron. Bronze on demand
- Prefilter basket: SS AISI 304
- High capacity versatile prefilter
- Mechanical seal type: Carbon + resin - Ceramics.
- Its special design means it runs very quietly.
- Motor protection: IP 55, Isolation class F. 50Hz, 1450 r.p.m.
- Max. pressure: 2,1 bar
- Operation water temperature : 4°C to 40°C
- Temperature of ambience: 4°C to 40°C

CAST IRON

Rabat Group



210034	FDN-133 HV	Power: 20 HP Connection flange entry/exit: 250/125 DN	230/400/700 V Weight: 318,5 kg Volume: 0,56 m3/h	A
210035	FDN-134 HV	Power: 25 HP Connection flange entry/exit: 250/125 DN	230/400/700 V Weight: 334,5 kg Volume: 0,56 m3/h	A
210036	FDN-135 HV	Power: 30 HP Connection flange entry/exit: 300/125 DN	230/400/700 V Weight: 361 kg Volume: 0,65 m3/h	A
210037	FDN-136 HV	Power: 40 HP Connection flange entry/exit: 300/125 DN	230/400/700 V Weight: 387 kg Volume: 0,65 m3/h	A
210038	FDN-137 HV	Power: 50 HP Connection flange entry/exit: 300/125 DN	230/400/700 V Weight: 429 kg Volume: 0,74 m3/h	A

BRONZE ON DEMAND ►

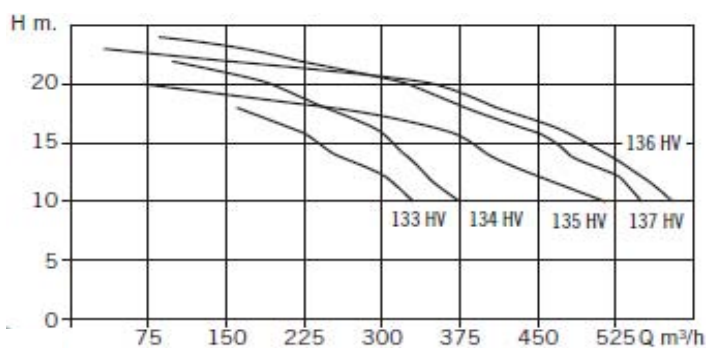


▼ CAST IRON (standard)

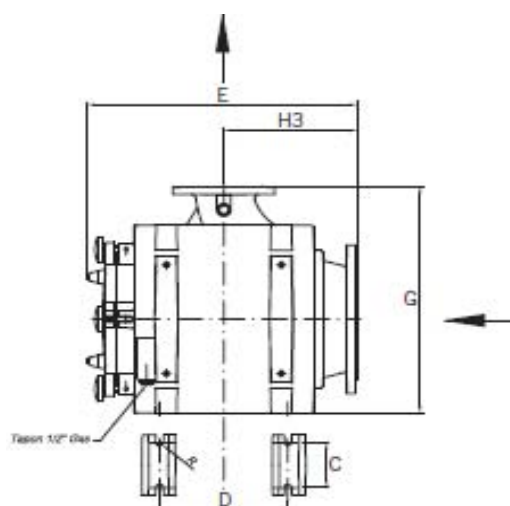
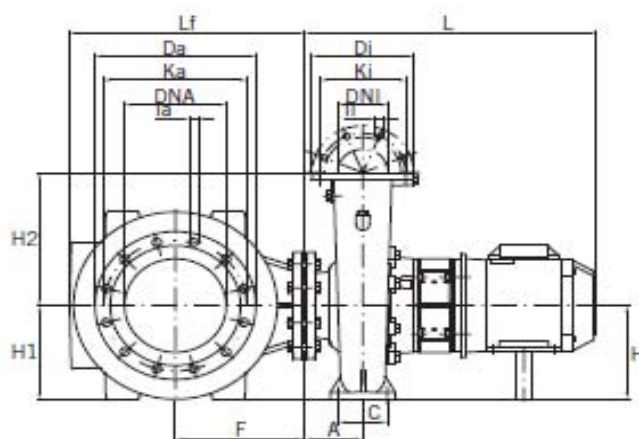


Technical specifications FDN-HV 1450 r.p.m. pumps:

CODE KÓD KODE	TYPE TYP TYP	POWER PŘÍKON LEISTUNG	III		III	MANOMETRIC HEIGHT / V. VÝŠKA / FÖRDERHÖHE [m]												CONNECTION DNA/DNI [mm]
			230 /	400V	400/700V	FLOW / PRŮTOK / DURCHFLOSS [m³/h]												
			A	A	A	10	12	14	16	18	20	22	23	24				
210034	FDN-325 HV	20 HP	44,6	25,8	25,8	330,4	306,0	266,4	220,7	162,4	-	-	-	-	-	250/125		
210035	FDN-326 HV	25 HP	60,8	35,2	35,2	375,4	346,7	327,2	296,7	244,1	183,5	98,6	-	-	-	250/125		
210036	FDN-127 HV	30 HP	74,3	43,0	43,0	513,4	453,6	403,7	362,1	250,1	69,0	-	-	-	-	300/125		
210037	FDN-128 HV	40 HP	96,4	55,8	55,8	580,0	557,3	518,7	475,3	410,2	352,6	146,2	33,2	-	-	300/125		
210038	FDN-129 HV	50 HP	110,5	64,0	64,0	550,0	530,0	480,0	445,0	380,0	325,0	222,0	168,0	84,0	-	300/125		



CODE KÓD KODE	TYPE TYP TYP	DIMENSIONS / ROZMĚRY / ABMESSUNGEN																	
		[mm]																	
		Da	Ka	la	Di	Ki	li	N°tal.	A	C	D	E	G	H	H1	H2	H3	L	Lf
210034	FDN-325 HV	395	350	23	250	210	19	12 - 8	140	120	315	665	605	250	250	355	328	963	570
210035	FDN-326 HV	395	350	23	250	210	19	12 - 8	140	120	315	665	605	250	250	355	328	921	570
210036	FDN-127 HV	445	400	23	280	240	23	12 - 8	160	150	400	665	655	280	280	375	328	-	570
210037	FDN-128 HV	445	400	23	280	240	23	12 - 8	160	150	400	665	655	280	280	375	328	1071	570
210038	FDN-129 HV	445	400	23	280	240	23	12 - 8	160	150	400	665	655	280	280	375	328	1142	570



Series Infinity FDN-V 1450 r.p.m.

Mixed flow centrifugal pump for a vertical assembly with stainless steel strainer, suitable for filtration in big public pools. Its design makes it particularly silent. Suction and discharge liner can be connected in different positions, reaching big flow rates with minimum space requirement. Manufactured in bronze (hydraulic part) on request for a use with sea water.

- Pump body made of Cast Iron. Bronze on demand
- Shaft: SS AISI 304
- Impeller: GG25 cast iron. Bronze on demand
- Prefilter body and basket: SS AISI 316
- High capacity prefilter for large-sized pools
- Mechanical seal type: Carbon + resin - Ceramics.
- Achieving excellent performance in small spaces
- Motor protection: IP 55, Isolation class F. 50Hz, 1450 r.p.m.
- Max. pressure: 2,1 bar
- Operation water temperature : 4°C to 40°C
- Temperature of ambience: 4°C to 40°C

CAST IRON

Rabat Group



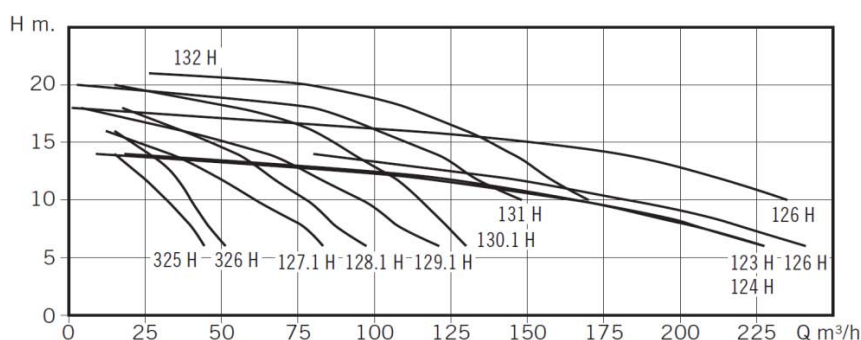
210026	FDN-127 V	Power: 4 HP Connection flange entry/exit: 200/125 DN	230/400/700 V Weight: 112,4 kg Volume: 0,150 m3/h	A
210027	FDN-128 V	Power: 5,5 HP Connection flange entry/exit: 200/125 DN	230/400/700 V Weight: 120,0 kg Volume: 0,150 m3/h	A
210028	FDN-129 V	Power: 7,5 HP Connection flange entry/exit: 250/125 DN	230/400/700 V Weight: 137,9 kg Volume: 0,180 m3/h	A
210029	FDN-130 V	Power: 10 HP Connection flange entry/exit: 250/125 DN	230/400/700 V Weight: 167,9 kg Volume: 0,240 m3/h	A
210022	FDN-123 V	Power: 10 HP Connection flange entry/exit: 125/80 DN	230/400/700 V Weight: 196,7 kg Volume: 0,300 m3/h	A
210023	FDN-124 V	Power: 12,5 HP Connection flange entry/exit: 125/80 DN	230/400/700 V Weight: 201,6 kg Volume: 0310 m3/h	A
210024	FDN-125 V	Power: 12,5 HP Connection flange entry/exit: 150/100 DN	230/400/700 V Weight: 218,5 kg Volume: 0,370 m3/h	A
210025	FDN-126 V	Power: 15 HP Connection flange entry/exit: 150/100 DN	230/400/700 V Weight: 250 kg Volume: 0,400 m3/h	A
210030	FDN-131 V	Power: 12,5 HP Connection flange entry/exit: 200/100 DN	230/400/700 V Weight: 181,9 kg Volume: 0,250 m3/h	A
210031	FDN-132 V	Power: 15 HP Connection flange entry/exit: 200/100 DN	230/400/700 V Weight: 215,8 kg Volume: 0,270 m3/h	A
210032	FDN-133 V	Power: 20 HP Connection flange entry/exit: 250/125 DN	230/400/700 V Weight: 272 kg Volume: 0,420 m3/h	A
210033	FDN-134 V	Power: 25 HP Connection flange entry/exit: 250/125 DN	230/400/700 V Weight: 274,6 kg Volume: 0,420 m3/h	A



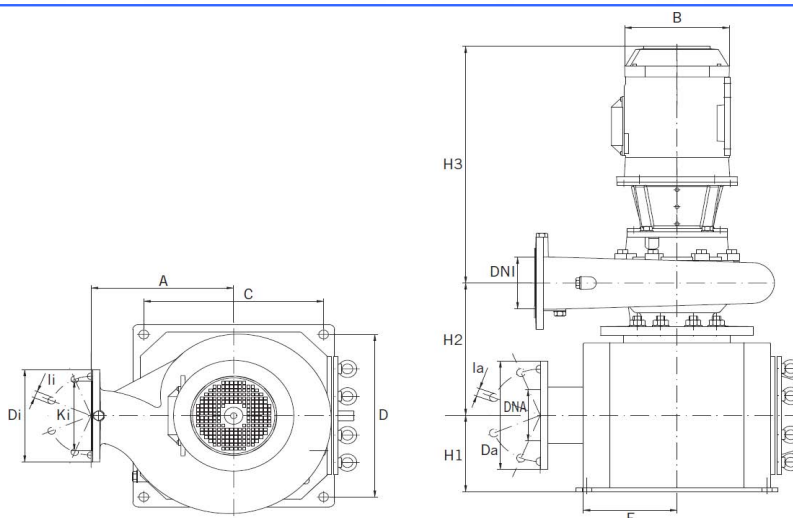
▲ BRONZE ON DEMAND

Technical specifications FDN-V 1450 r.p.m. pumps:

CODE KÓD KODE	TYPE TYP TYP	POWER PŘÍKON LEISTUNG	III		III 400/700V A	MANOMETRIC HEIGHT / V. VÝŠKA / FÖRDERHÖHE [m]										CONNECTION DNA/DNI [mm]
			230 / 400V A	400V A		FLOW / PRŮTOK / DURCHFLOSS [m³/h]										
			10	12	14	16	18	20	22	6	8	10	12	14	16	18
210026	FDN-127 V	4,0 HP	11,4	6,6	6,6	83,9	75,4	61,7	48,6	33,9	12,7	-	-	-	-	200/125
210027	FDN-128 V	5,5 HP	13,3	7,7	7,7	97,4	86,9	77,9	66,8	55,3	37,1	18,6	-	-	-	200/125
210028	FDN-129 V	7,5 HP	20,2	11,7	11,7	121,6	106,6	96,1	81,4	65,1	36,4	4,8	-	-	-	250/125
210029	FDN-130 V	10,0 HP	25,4	14,7	14,7	130,1	123,9	115,2	106,4	93,9	79,5	55,0	15,5	-	-	250/125
210022	FDN-123 V	10,0 HP	24,9	14,4	14,4	227,7	200,1	165,0	111,5	9,1	-	-	-	-	-	125/80
210023	FDN-124 V	12,5 HP	25,6	14,8	14,8	227,9	201,2	165,4	117,1	18,8	-	-	-	-	-	125/80
210024	FDN-125 V	12,5 HP	28,2	16,3	16,3	241,6	216,1	182,9	139,8	80,1	-	-	-	-	-	150/100
210025	FDN-126 V	15,0 HP	36,6	21,2	21,2	-	-	239,6	211,3	179,6	111,7	0,1	-	-	-	150/100
210030	FDN-131 V	12,5 HP	30,9	17,9	17,9	-	-	148,1	132,8	120,6	101,8	79,7	2,5	-	-	200/100
210031	FDN-132 V	15,0 HP	39,6	22,9	22,9	-	-	169,0	156,4	144,7	129,3	111,1	78,8	-	-	200/100
210032	FDN-133 V	20,0 HP	44,6	25,8	25,8	-	-	330,4	306,0	266,4	220,7	162,4	-	-	-	250/125
210033	FDN-134 V	25,0 HP	60,8	35,2	35,2	-	-	375,4	346,7	327,2	296,7	244,1	183,5	98,6	-	250/125



CODE KÓD KODE	TYPE TYP TYP	DIMENSIONS / ROZMĚRY / ABMESSUNGEN [mm]													
		Da	la	Di	Ki	li	N°tal.	A	B	C	D	E	H1	H2	H3
210026	FDN-127 V	250	19	200	160	19	8 - 4	280	194	400	330	260	150	285	641
210027	FDN-128 V	250	19	200	160	19	8 - 4	280	194	400	330	260	150	285	641
210028	FDN-129 V	285	19	220	180	19	8 - 8	280	257	390	330	260	150	285	801
210029	FDN-130 V	285	19	220	180	19	8 - 8	280	257	390	400	290	185	335	801
210022	FDN-123 V	340	19	250	210	19	8 - 8	355	260	330	400	290	185	300	801
210023	FDN-124 V	340	19	250	210	19	8 - 8	355	260	330	400	290	185	300	801
210024	FDN-125 V	395	19	250	210	19	8 - 8	355	260	330	500	290	215	365	801
210025	FDN-126 V	395	19	250	210	19	8 - 8	355	310	400	500	290	215	365	921
210030	FDN-131 V	340	19	220	180	19	8 - 8	280	257	400	400	290	185	335	801
210031	FDN-132 V	340	19	220	180	19	12 - 8	280	310	400	400	290	185	335	921
210032	FDN-133 V	395	23	250	210	19	12 - 8	355	310	390	500	290	215	365	963
210033	FDN-134 V	395	23	250	210	19	12 - 8	355	310	390	500	290	215	365	921



PREFILTERS FOR PUMPS

INLINE HDPE PREFILTERS

New range of HDPE prefilters with an easily accessible transparent metacrylate cover.
 Prefilters are provided with PVC standard flanges.

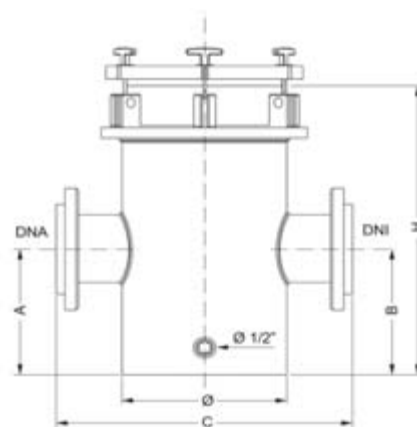
- Material: body - HDPE, cover - transparent PMMA
 grating filter - stainless steel AISI 316 L
- Indicative flow rate: 40 to 400 m³/h
- Operation water temperature : 10°C to 40°C
- Test pressure: 2 bar



250062	HDPE H 65/65
250063	HDPE H 80/80
250064	HDPE H 100/65
250065	HDPE H 100/80
250066	HDPE H 100/100
250067	HDPE H 125/100
250068	HDPE H 125/125
250069	HDPE H 150/125
250070	HDPE H 150/150
250071	HDPE H 200/200
250072	HDPE H 250/150
250073	HDPE H 300/150
250074	HDPE H 300/200

Rabat Group	
BODY D225 mm	A
BODY D225 mm	A
BODY D250 mm	A
BODY D250 mm	A
BODY D250 mm	A
BODY D250 mm	A
BODY D250 mm	A
BODY D355 mm	A
BODY D400 mm	A
BODY D400 mm	A
BODY D400 mm	A
BODY D400 mm	A
BODY D400 mm	A
BODY D400 mm	A

CODE KÓD CODE	TYPE TYP TYP	DIMENSIONS / ROZMĚRY / ABMESSUNGEN [mm]						
		Ø	A	B	C	H	DNA	DNI
250062	HDPE H 65/65	225	250	250	470	600	65	65
250063	HDPE H 80/80	225	250	250	490	600	80	80
250064	HDPE H 100/65	250	250	180	500	600	100	65
250065	HDPE H 100/80	250	250	250	500	600	100	80
250066	HDPE H 100/100	250	250	250	510	600	100	100
250067	HDPE H 125/100	250	250	250	550	600	125	100
250068	HDPE H 125/125	355	250	250	540	600	125	125
250069	HDPE H 150/125	400	300	300	725	700	150	125
250070	HDPE H 150/150	400	300	300	750	700	150	150
250071	HDPE H 200/200	400	300	300	720	700	200	200
250072	HDPE H 250/150	400	300	250	740	900	250	150
250073	HDPE H 300/150	400	300	250	725	1000	300	150
250074	HDPE H 300/200	400	300	300	700	1000	300	200



PREFILTER GIANT

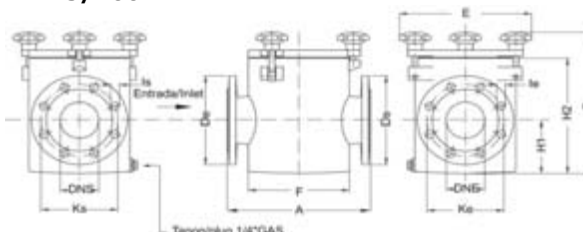
New range of prefilters made in Polypropylene with 30% fiberglass and transparent acrylic nitrile Styrene S.A.N lid. Lid closing with 6 butterfly nuts in stainless steel with ABS handle. Stainless steel basket.

- Body - PP with 30% glass fiber, cover - transparent SAN, grating filter - stainless steel AISI 304
- Indicative flow rate: 80 to 180 m³/h
- Operation water temperature : 10°C to 45°C
- Test pressure: 2 bar



250075	H 100/100
250076	H 125/100

Rabat Group	
A	
A	



DIMENSIONS / ROZMĚRY / ABMESSUNGEN [mm]																				
CODE KÓD CODE	TYPE TYP TYP	A	E	F	G	H1	H2	DNE	Ke	De	Is	Bolts	DNS	Ks	Ds	Is	Bolts	Th. nut	Its.	Kg
250075	H 100/100	345	275	210	320	120	260	100	180	220	19	8	100	180	220	19	8	6	11	8
250076	H 125/100	345	265	250	370	132	295	125	210	250	19	8	100	180	220	19	8	6	11	8

Stainless steel prefilters AISI 316 & AISI 304

Designed for suspended solids filtration. Placed at the pump's inlet, they prevent impeller blocking.

- Body, lid and basket: stainless steel AISI 316 or AISI 304

AISI 316



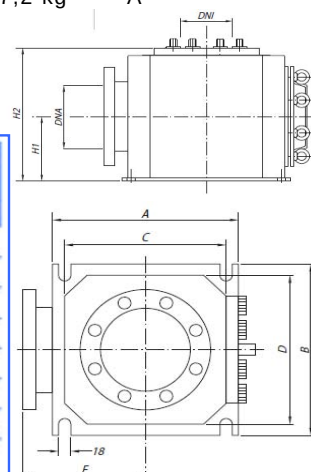
250043	INOX. V 100/80 (4")
250044	INOX. V 125/80 (5")
250045	INOX. V 125/100 (5")
250046	INOX. V 150/100 (6")
250050	INOX. V 150/125 (6")
250047	INOX. V 200/125 (8")
250048	INOX. V 200/150 (8")
250049	INOX. V 250/150 (10")

Weight: 34,2 kg	A
Weight: 35,8 kg	A
Weight: 37,4 kg	A
Weight: 52,8 kg	A
Weight: 53,9 kg	A
Weight: 55 kg	A
Weight: 57,2 kg	A
Weight: 57,2 kg	A

Rabat Group

A
A
A
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A
A
A
A

CODE KÓD CODE	TYPE TYP TYP	DIMENSIONS / ROZMĚRY / ABMESSUNGEN [mm]							SUCTION SÁNĚ -DNA-	DRIVE VÝTLAK -DNI-	ITS. ITS.	WEIGHT VÁHA GEWICHT
		A	B	C	D	E	H1	H2				
250043	INOX. V 100/80 (4")	370	370	330	330	260	150	310	DN 100	DN 80	42	34,2 kg
250044	INOX. V 125/80 (5")	370	370	330	330	260	150	310	DN 125	DN 80	42	35,8 kg
250045	INOX. V 125/100 (5")	370	370	330	330	260	150	310	DN 125	DN 100	42	37,4 kg
250046	INOX. V 150/100 (6")	450	450	400	400	290	185	380	DN 150	DN 100	77	52,8 kg
250050	INOX. V 150/125 (6")	450	450	400	400	290	185	380	DN 150	DN 125	77	53,9 kg
250047	INOX. V 200/125 (8")	450	450	400	400	290	185	380	DN 200	DN 125	77	55,0 kg
250048	INOX. V 200/150 (8")	450	450	400	400	290	185	380	DN 200	DN 150	77	57,2 kg
250049	INOX. V 250/150 (10")	435	535	390	500	290	215	440	DN 250	DN 150	105	72,6 kg



AISI 304

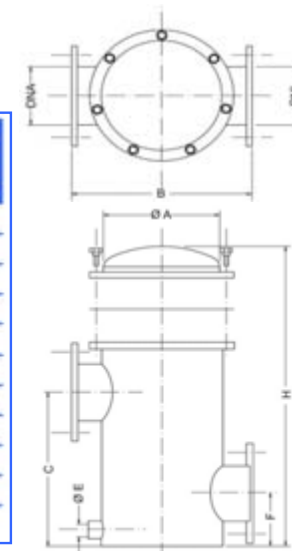


250051	INOX. H DN 80/80 STD (3")
250052	INOX. H DN 100/65 STD (4")
250053	INOX. H DN 100/100 STD (4")
250054	INOX. H DN 125/100 STD (5")
250055	INOX. H DN 125/125 STD (5")
250056	INOX. H DN 150/125 STD (6")
250057	INOX. H DN 150/150 STD (6")
250058	INOX. H DN 200/200 STD (8")
250059	INOX. H DN 250/150 STD (10")
250060	INOX. H DN 250/250 STD (10")
250061	INOX. H DN 300/200 STD (12")

Rabat Group

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A
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A
A
A

CODE KÓD CODE	TYPE TYP TYP	DIMENSIONS / ROZMĚRY / ABMESSUNGEN [mm]							SUCTION SÁNĚ -DNA-	DRIVE VÝTLAK -DNI-	ITS. ITS.	WEIGHT VÁHA GEWICHT
		A	B	C	E	F	H					
250051	INOX. H DN 80/80 STD (3")	273	423	260	1/2"	110	400		DN 80	DN 80	23	28 kg
250052	INOX. H DN 100/65 STD (4")	320	460	390	3/4"	120	570		DN 100	DN 65	45	36 kg
250053	INOX. H DN 100/100 STD (4")	320	460	390	3/4"	120	570		DN 100	DN 100	45	38 kg
250054	INOX. H DN 125/100 STD (5")	400	600	475	3/4"	135	700		DN 125	DN 100	87	46 kg
250055	INOX. H DN 125/125 STD (5")	400	600	475	3/4"	135	700		DN 125	DN 125	87	48 kg
250056	INOX. H DN 150/125 STD (6")	400	600	458	1"	152	700		DN 150	DN 125	87	50 kg
250057	INOX. H DN 150/150 STD (6")	400	600	458	1"	152	700		DN 150	DN 150	87	52 kg
250058	INOX. H DN 200/200 STD (8")	400	600	430	1"	180	800		DN 200	DN 200	100	58 kg
250059	INOX. H DN 250/150 STD (10")	500	700	600	1"	208	900		DN 250	DN 150	176	82 kg
250060	INOX. H DN 250/250 STD (10")	500	700	600	1"	208	900		DN 250	DN 250	176	85 kg
250061	INOX. H DN 300/200 STD (12")	630	830	630	1"	240	950		DN 300	DN 200	296	110 kg



Cast iron and bronze prefilters

Cast iron and bronze prefilters for suspended solids filtration. Placed at the pumps inlet, they prevent impeller blocking. The system of cover fixing allows an easy access to the prefilter basket for maintenance



- Prefilter housing and cover: Cast Iron or Bronze (on demand)
- Basket: Stainless steel AISI 304

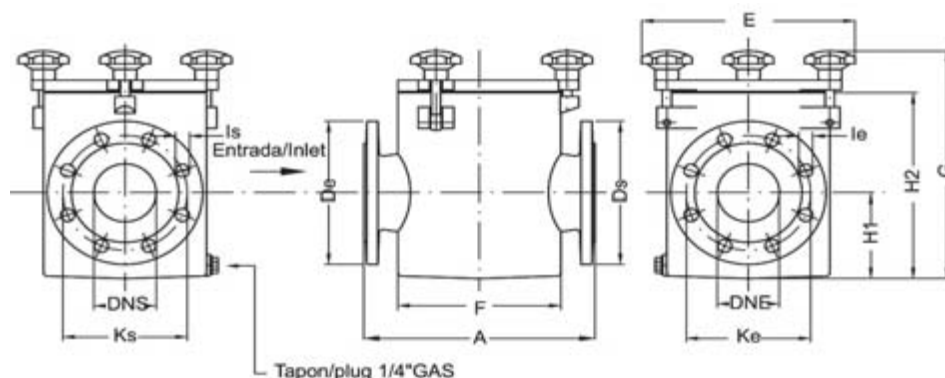
CAST IRON

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Group**


250030	H 65/65	2½"	Weight: 19,5 kg	A
	Connection flange entry/exit: 70/70 DN			
250077	H 80/2B	3"	Weight: 20,5 kg	A
	Connection flange entry/exit: 80/70 DN			
250031	H 80/80	3"	Weight: 20,5 kg	A
	Connection flange entry/exit: 80/80 DN			
250078	H 100/65	4"	Weight: 20,5 kg	A
	Connection flange entry/exit: 100/70 DN			
250032	H 100/80	4"	Weight: 21,0 kg	A
	Connection flange entry/exit: 100/80 DN			
250033	H 100/100	4"	Weight: 21,5 kg	A
	Connection flange entry/exit: 100/100 DN			
250034	H 125/100	5"	Weight: 35,0 kg	A
	Connection flange entry/exit: 125/100 DN			
250035	H 125/125	5"	Weight: 36,0 kg	A
	Connection flange entry/exit: 125/125 DN			

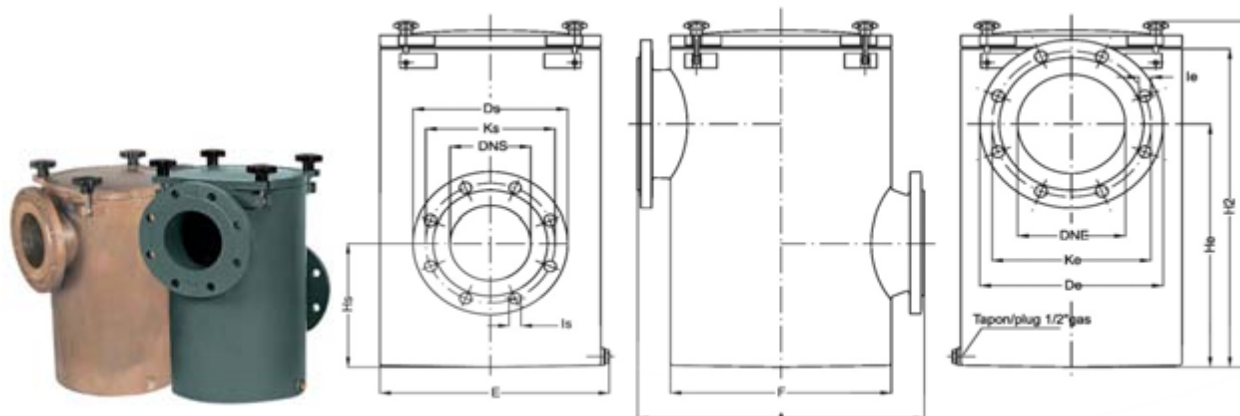


CODE KÓD KODE	TYPE TYP TYP	DIMENSIONS / ROZMĚRY / ABMESSUNGEN [mm]																	WEIGHT GG25/Br Kg	
		A	E	F	G	H1	H2	DNE	Ke	De	Ie	BOLTS	DNS	Ks	De	Ie	BOLTS	T. NUT		ITS.
250030	H 65/65	300	275	210	320	120	260	70	145	185	19	4	70	145	185	19	4	3	11	19,5/22,2
250077	H 80/2B	300	275	210	320	120	260	80	160	200	19	8	70	125	152	14	4	3	11	20,5/23,3
250031	H 80/80	300	275	210	320	120	260	80	160	200	19	8	80	160	200	19	8	3	11	20,5/23,3
250078	H 100/65	300	275	210	320	120	260	100	180	220	19	8	70	145	185	19	8	3	11	20,5/23,3
250032	H 100/80	300	275	210	320	120	260	100	180	220	19	8	80	160	200	19	8	3	11	21,0/23,9
250033	H 100/100	300	275	210	320	120	260	100	180	220	19	8	100	180	220	19	8	3	11	21,5/24,5
250034	H 125/100	345	265	250	370	132	295	125	210	250	19	8	100	180	220	19	8	4	13,5	35,0/39,8
250035	H 125/125	345	265	250	370	132	295	125	210	250	19	8	125	210	250	19	8	4	13,5	36,0/41,0



Rabat Group

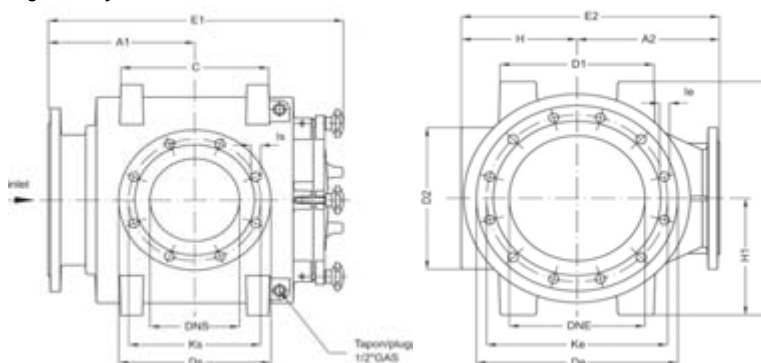
250036	H150/125	6"	Weight: 76 kg	A
	Connection flange entry/exit: 150/125 DN			
250037	H 150/150	6"	Weight: 77 kg	A
	Connection flange entry/exit: 150/150 DN			
250038	H 200/150	8"	Weight: 96 kg	A
	Connection flange entry/exit: 200/150 DN			
250039	H 200/200	8"	Weight: 98 kg	A
	Connection flange entry/exit: 200/200 DN			



CODE KÓD CODE	TYPE TYP TYPE	DIMENSIONS / ROZMĚRY / ABMESSUNGEN [mm]																	WEIGHT GG25/Br Kg	
		A	E	F	G	H2	HE	ONE	Ke	De	Te	BOLTS	HS	DNS	Ks	Ds	Is	BOLTS		ITS.
250036	H 150/125	445	347	330	610	550	430	150	240	287	23	8	240	125	210	250	19	8	42,4	76/86,5
250037	H 150/150	445	347	330	610	550	430	150	240	287	23	8	240	150	240	287	23	8	42,4	77/87,3
250038	H 200/150	528	426	410	698	640	490	200	295	340	23	8	250	150	240	287	23	8	84,5	96/109,3
250039	H 200/200	528	426	410	698	640	490	200	295	340	23	8	250	200	295	340	23	8	84,5	98/111,5

Rabat Group

250040	HV 250/100	10"	Weight: 114 kg	A
	Connection flange entry/exit: 250/150 DN			
250041	HV 250/200	10"	Weight: 118 kg	A
	Connection flange entry/exit: 250/200 DN			
250042	HV 300/200	12"	Weight: 122 kg	A
	Connection flange entry/exit: 250/200 DN			



CODE KÓD CODE	TYPE TYP TYPE	DIMENSIONS / ROZMĚRY / ABMESSUNGEN																				WEIGHT GG25/Br Kg	
		[mm]																					
		A1	A2	C	D1	D2	E1	E2	G	H	H1	DNE	Ke	De	Ie	BOLTS	DNS	Ks	Ds	Is	BOLTS		ITS
250040	H 250/100	328	315	332	342	340	660	570	500	255	250	250	350	395	23	12	150	240	285	23	8	93	114/130
250041	H 250/200	328	315	332	342	340	660	570	560	255	280	250	350	395	23	12	200	295	340	23	8	93	118/135
250042	H 300/200	328	315	342	342	340	660	570	560	255	280	250	400	445	23	12	200	295	340	23	8	93	122/138

Adaptation kits

On customer wish the pump and the prefilter can be purchased separately. The possible combinations are shown in following table. To choose the right adapting kit you must pay attention at the size of the suction inlet of the pump. This system allows interesting combinations of pumps and pre-filters, with significant savings in investment without any loss of benefits. Adaptation kits contain the fixings in stainless steel and o-rings needed for fixing prefilters to pumps.

Coupling sets (nuts, screws and falnge gasket)



250077	Coupling set DN 50 PN 16
250078	Coupling set DN 65 PN 16
250079	Coupling set DN 80 PN 16
250080	Coupling set DN 100 PN 16
250081	Coupling set DN 125 PN 16
250082	Coupling set DN 150 PN 16
250083	Coupling set DN 200 PN 16

Rabat Group

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Table pump-prefilters equivalences 1450 r.p.m.

TYPE TYP TYP	POWER PŘÍKON LEISTUNG	CAST IRON LITINA GUSSEISEN	BRONZE BRONZ BRONZE	HDPE	AISI 304	AISI 316	ADAPTATION KITS PŘÍPOJOVACÍ SADA AUSBAUSATZE
DN-123 H	10 HP	H 150/150	H 150/150	H 150/150 BODY D400	INOX H 150/150	INOX V 200/150	DN 150 PN 16
DN-124 H	12,5 HP	H 150/150	H 150/150	H 150/150 BODY D400	INOX H 150/150	INOX V 200/150	DN 150 PN 16
DN-125 H	12,5 HP	H 150/150	H 150/150	H 150/150 BODY D400	INOX H 150/150	INOX V 250/150	DN 150 PN 16
DN-126 H	15 HP	H 150/150	H 150/150	H 150/150 BODY D400	INOX H 150/150	INOX V 250/150	DN 150 PN 16
DN-325 H	2 HP	H 100/65	H 100/65	H 100/65 BODY D250	INOX H 100/65	-	DN 65 PN 16
DN-326 H	3 HP	H 100/65	H 100/65	H 100/65 BODY D250	INOX H 100/65	-	DN 65 PN 16
DN-127 H	4 HP	H 100/100	H 100/100	H 100/100 BODY D250	INOX H 100/100	INOX V 125/100	DN 100 PN 16
DN-128 H	5,5 HP	H 100/100	H 100/100	H 100/100 BODY D250	INOX H 100/100	INOX V 125/100	DN 100 PN 16
DN-129 H	7,5 HP	H 125/125	H 125/125	H 125/125 BODY D250	INOX H 125/125	INOX V 150/125	DN 125 PN 16
DN-130 H	10,0 HP	H 125/125	H 125/125	H 125/125 BODY D250	INOX H 125/125	INOX V 150/125	DN 125 PN 16
DN-131 H	12,5 HP	H 150/125	H 150/125	H 150/125 BODY D400	INOX H 150/125	INOX V 200/125	DN 125 PN 16
DN-132 H	15 HP	H 150/125	H 150/125	H 150/125 BODY D400	INOX H 150/125	INOX V 200/125	DN 125 PN 16
DN-133 HV	20 HP	HV 250/150	HV 250/150	H 250/150 BODY D400	INOX H 250/150	INOX V 250/150	DN 150 PN 16
DN-134 HV	25 HP	HV 250/150	HV 250/150	H 250/150 BODY D400	INOX H 250/150	INOX V 250/150	DN 150 PN 16
DN-135 HV	30 HP	HV 300/200	HV 300/200	H 300/200 BODY D400	INOX H 300/200	-	DN 200 PN 16
DN-136 HV	40 HP	HV 300/200	HV 300/200	H 300/200 BODY D400	INOX H 300/200	-	DN 200 PN 16
DN-137 HV	50 HP	HV 300/200	HV 300/200	H 300/200 BODY D400	INOX H 300/200	-	DN 200 PN 16

Table pump-prefilters equivalences 2850 r.p.m.

TYPE TYP TYP	POWER PŘÍKON LEISTUNG	CAST IRON LITINA GUSSEISEN	BRONZE BRONZ BRONZE	HDPE	AISI 304	GIANT	ADAPTATION KITS PŘÍPOJOVACÍ SADA AUSBAUSATZE
DN-14	2 HP	H 80/2B	H 80/2B	-	-	-	DN 50 PN 16
DN-15	3 HP	H 80/2B	H 80/2B	-	-	-	DN 50 PN 16
DN-16	4 HP	H 80/2B	H 80/2B	-	-	-	DN 50 PN 16
DN-17 / GIANT-N 17	4 HP	H 100/100	H 100/100	H 100/100 D250	INOX H 100/100	H 100/100	DN 100 PN 16
DN-18 / GIANT-N 18	5,5 HP	H 100/100	H 100/100	H 100/100 D250	INOX H 100/100	H 100/100	DN 100 PN 16
DN-19 / GIANT-N 19	5,5 HP	H 125/100	H 125/100	H 125/100 D250	INOX H 125/100	H 125/100	DN 100 PN 16
DN-20 / GIANT-N 20	7,5 HP	H 125/100	H 125/100	H 125/100 D250	INOX H 125/100	H 125/100	DN 100 PN 16
DN-21 / GIANT-N 21	10 HP	H 125/100	H 125/100	H 125/100 D250	INOX H 125/100	H 125/100	DN 100 PN 16
DN-22 / GIANT-N 22	12,5 HP	H 125/100	H 125/100	H 125/100 D250	INOX H 125/100	H 125/100	DN 100 PN 16

BLOWERS

Wide range of side channel blowers for various flow rates and differential pressures in both simple and double stage. The impeller, with fins, turns inside the side channel causing that the air is compressed and accelerated, creating small vortexes of air that are drawn by the blades from the intake to the exhaust. There are no parts in contact between the stator and rotor and the air conveyed is free of any contamination.

SERIES HSC - SINGLE STAGE

Single stage side channel blowers, without lubrication or maintenance. Custicon and blowing silencers integrated.

- Blowers made in die cast aluminium and suitable for continuous and long-time operation
- Low noise level. Built-in inlet and outlet silencers
- Equipped with IE2 high efficiency motors according to the standard IEC60034-30, IP 55 protection and insulation class F
- Customized blowers for your specific needs
- Environmentally safe. Oil-free technology. Maintenance-free.
- 50Hz. (On demand 60 Hz)



		Rabat Group
270021	Infinity HSC0080-1MA400-1	A
270022	Infinity HSC0080-1MT400-6	A
270023	Infinity HSC0140-1MA850-1	A
270024	Infinity HSC0140-1MT850-6	A
270026	Infinity HSC0140-1MA131-1	A
270025	Infinity HSC0140-1MT131-6	A
270027	Infinity HSC0210-1MA131-1	A
270028	Infinity HSC0210-1MT131-6	A
270029	Infinity HSC0210-1MA151-1	A
270030	Infinity HSC0210-1MT161-6	A
270032	Infinity HSC0315-1MT221-6	A
270033	Infinity HSC0315-1MT301-6	A
270034	Infinity HSC0315-1MT401-7	A
270035	Infinity HSC0530-1MT551-7	A
270036	Infinity HSC0530-1MT751-7	A

- Recommended accessories (not included):**
- Pressure/vacuum relief valve
 - Suction pre-filter

CODE KÓD CODE	TYPE TYP TYP	OUTPUT. PŘÍKON LEISTUNG	CURVE KŘIVKA KURVE	VOLTAGE NAPĚTÍ [V]	PHASE FÁZE PHASE	MAX. FLOW MAX. PRŮTOK DURCHFLOß	MAX. VAC./ MAX. PRESS. MAX. SÁNÍ/ MAX. VÝTLAK	NOISE LEVEL HLUK	WEIGHT VÁHA GEWICHT	CONNECTION PŘIPOJENÍ ANSCHLUß
270021	HSC0080-1MA400-1	0,4 kW	22F	230	I	80 m³/h	-110/120 mbar	53 dB	11 kg	G 1½"
270022	HSC0080-1MT400-6	0,4 kW	22F Δ 200-240 / Y 345-415	III	III	80 m³/h	-120/130 mbar	53 dB	10 kg	G 1½"
270023	HSC0140-1MA850-1	0,85 kW	31F	230	I	145 m³/h	-150/160 mbar	63 dB	16 kg	G 1½"
270024	HSC0140-1MT850-6	0,85 kW	31F Δ 200-240 / Y 345-415	III	III	145 m³/h	-160/160 mbar	63 dB	16 kg	G 1½"
270026	HSC0140-1MA131-1	1,3 kW	32F	230	I	145 m³/h	-150/190 mbar	63 dB	17 kg	G 1½"
270025	HSC0140-1MT131-6	1,3 kW	32F Δ 200-240 / Y 345-415	III	III	145 m³/h	-170/200 mbar	63 dB	17 kg	G 1½"
270027	HSC0210-1MA131-1	1,3 kW	42F	230	I	210 m³/h	-160/160 mbar	64 dB	22 kg	G 2"
270028	HSC0210-1MT131-6	1,3 kW	42F Δ 200-240 / Y 345-415	III	III	210 m³/h	-170/170 mbar	64 dB	22 kg	G 2"
270029	HSC0210-1MA151-1	1,5 kW	43F	230	I	210 m³/h	-190/200 mbar	64 dB	24 kg	G 2"
270030	HSC0210-1MT161-6	1,6 kW	43F Δ 200-240 / Y 345-415	III	III	210 m³/h	-200/190 mbar	64 dB	23 kg	G 2"
270032	HSC0315-1MT221-6	2,2 kW	52F Δ 200-240 / Y 345-415	III	III	318 m³/h	-210/200 mbar	69 dB	30 kg	G 2"
270033	HSC0315-1MT301-6	3,0 kW	61F Δ 200-240 / Y 345-415	III	III	318 m³/h	-270/290 mbar	69 dB	36 kg	G 2"
270034	HSC0315-1MT401-7	4,0 kW	62F Δ 345-415 / Y 600-720	III	III	318 m³/h	-290/330 mbar	69 dB	40 kg	G 2"
270035	HSC0530-1MT551-7	5,5 kW	71F Δ 345-415 / Y 600-720	III	III	530 m³/h	-300/300 mbar	70 dB	63 kg	G 2½"
270036	HSC0530-1MT751-7	7,5 kW	81F Δ 345-415 / Y 600-720	III	III	530 m³/h	-320/430 mbar	70 dB	66 kg	G 2½"

SERIES HSC - DOUBLE STAGE

Double stage side channel blowers, without lubrication or maintenance. Suction and blowing silencers integrated.

- Blowers made in die cast aluminium and suitable for continuous and long-time operation
- Low noise level. Built-in inlet and outlet silencers
- Equipped with IE2 high efficiency motors according to the standard IEC60034-30, IP 55 protection and insulation class F
- Customized blowers for your specific needs
- Environmentally safe. Oil-free technology. Maintenance-free.
- 50Hz. (On demand 60 Hz)



270037	Infinity HSC0080-2SA700-1
270038	Infinity HSC0080-2ST700-6
270039	Infinity HSC0140-2SA151-1
270040	Infinity HSC0140-2ST161-6
270041	Infinity HSC0140-2ST221-6
270042	Infinity HSC0210-2ST301-6
270043	Infinity HSC0210-2ST401-7
270044	Infinity HSC0315-2ST431-7
270045	Infinity HSC0315-2ST551-7
270046	Infinity HSC0495-2PT551-7
270047	Infinity HSC0495-2PT751-7

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Recommended accessories (not included):

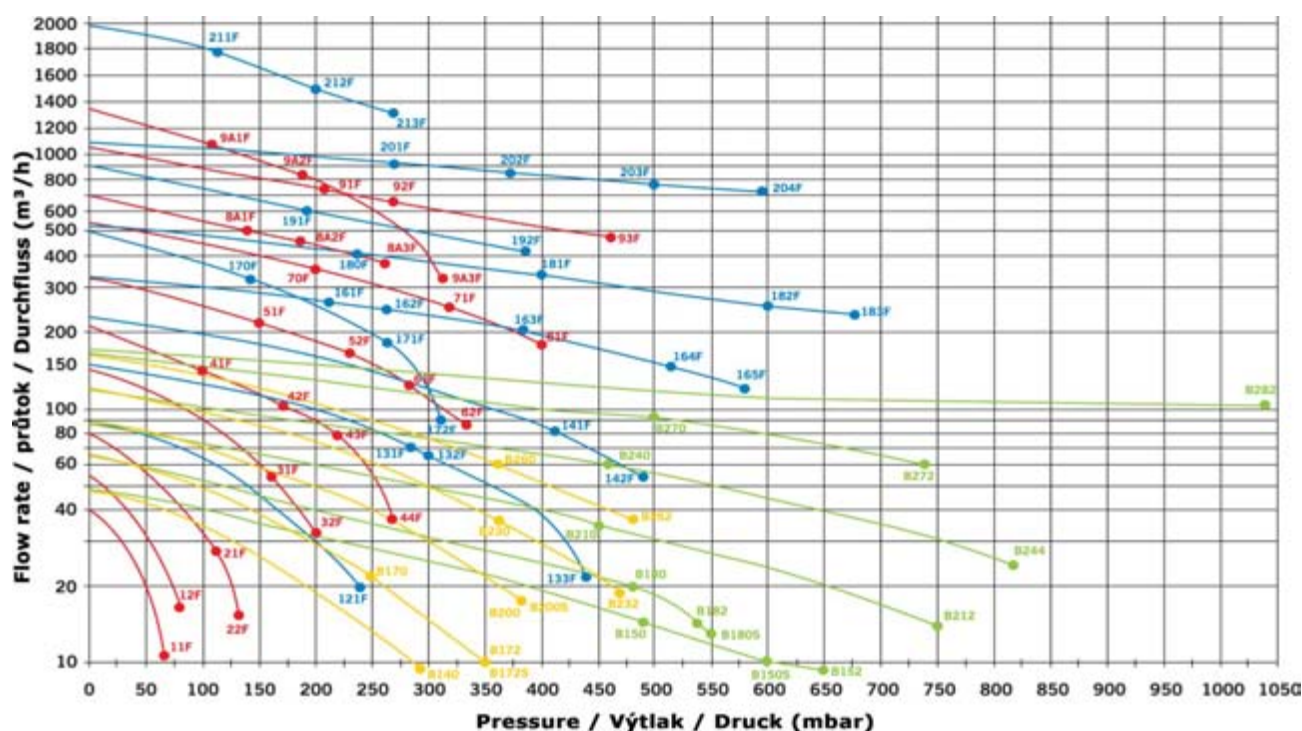
- Pressure/vacuum relief valve
- Suction pre-filter

CODE KÓD CODE	TYPE TYP TYP	OUTPUT, PŘÍKON LEISTUNG	CURVE KŘIVKA KURVE	VOLTAGE NAPĚTÍ [V]	PHASE FÁZE PHASE	MAX. FLOW MAX. PRŮTOK DURCHFLUSS	MAX. VAC./ MAX. PRESS. MAX. SÁNÍ/ MAX. VÝTLAK	NOISE LEVEL HLUK	WEIGHT VÁHA GEWICHT	CONNECTION PŘÍPOJENÍ ANSCHLUSS
270037	HSC0080-2SA700-1	0,7 kW	121F	230	I	85 m³/h	-210/240 mbar	61 dB	15 kg	G 1¼"
270038	HSC0080-2ST700-6	0,7 kW	121F Δ	200-240 / Y 345-415	III	85 m³/h	-210/240 mbar	61 dB	15 kg	G 1¼"
270039	HSC0140-2SA151-1	1,5 kW	131F	230	I	150 m³/h	-280/290 mbar	69 dB	25 kg	G 1½"
270040	HSC0140-2ST161-6	1,6 kW	132F Δ	200-240 / Y 345-415	III	150 m³/h	-280/280 mbar	69 dB	25 kg	G 1½"
270041	HSC0140-2ST221-6	2,2 kW	133F Δ	200-240 / Y 345-415	III	150 m³/h	-330/440 mbar	69 dB	27 kg	G 1½"
270042	HSC0210-2ST301-6	3,0 kW	141F Δ	200-240 / Y 345-415	III	230 m³/h	-340/410 mbar	74 dB	40 kg	G 2"
270043	HSC0210-2ST401-7	4,0 kW	142F Δ	345-415 / Y 600-720	III	230 m³/h	-390/490 mbar	74 dB	44 kg	G 2"
270044	HSC0315-2ST431-7	4,3 kW	163F Δ	345-415 / Y 600-720	III	320 m³/h	-360/380 mbar	76 dB	54 kg	G 2"
270045	HSC0315-2ST551-7	5,5 kW	164F Δ	345-415 / Y 600-720	III	320 m³/h	-440/500 mbar	76 dB	66 kg	G 2"
270046	HSC0495-2PT551-7	5,5 kW	171F Δ	345-415 / Y 600-720	III	500 m³/h	-240/260 mbar	78 dB	69 kg	G 2"
270047	HSC0495-2PT751-7	7,5 kW	172F Δ	345-415 / Y 600-720	III	500 m³/h	-240/320 mbar	78 dB	75 kg	G 2"

Compression performance curves

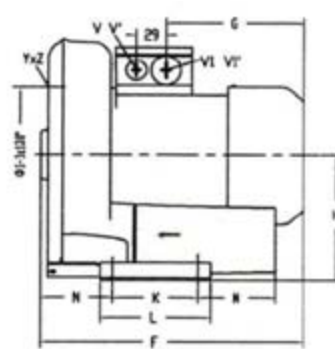
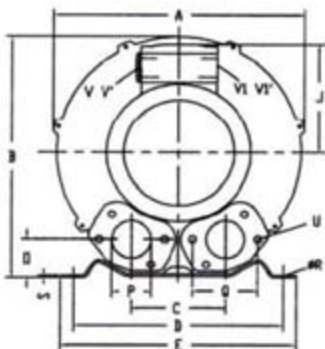
● HSC - single stage

● HSC - double stage

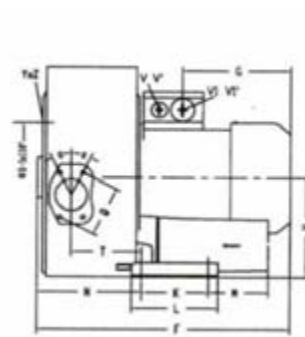
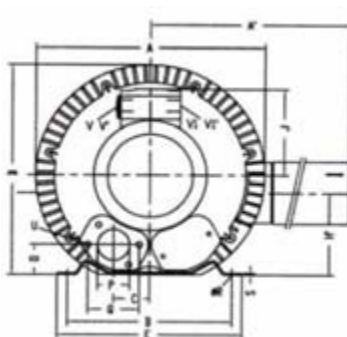


Dimensions: HSC - SINGLE STAGE

CODE KÓD CODE		DIMENSIONS [mm] ROZMĚRY / DIMENSIONEN			
		A	B	C	P
270021	HSC0080-1MA400-1	246	247	256	G 1 1/4"
270022	HSC0080-1MT400-6	246	247	256	G 1 1/4"
270023	HSC0140-1MA850-1	286	302	294	G 1 1/2"
270024	HSC0140-1MT850-6	286	302	294	G 1 1/2"
270026	HSC0140-1MA131-1	286	302	292	G 1 1/2"
270025	HSC0140-1MT131-6	286	302	292	G 1 1/2"
270027	HSC0210-1MA131-1	334	337	314	G 2"
270028	HSC0210-1MT131-6	334	337	314	G 2"
270029	HSC0210-1MA151-1	334	337	345	G 2"
270030	HSC0210-1MT161-6	334	337	346	G 2"
270032	HSC0315-1MT221-6	382	384	377	G 2"
270033	HSC0315-1MT301-6	382	384	409	G 2"
270034	HSC0315-1MT401-7	382	384	432	G 2"
270035	HSC0530-1MT551-7	451	461	433	G 2 1/2"
270036	HSC0530-1MT751-7	451	461	433	G 2 1/2"


Dimensions: HSC - DOUBLE STAGE

CODE KÓD CODE	TYPE TYP TYP	DIMENSIONS [mm] ROZMĚRY / DIMENSIONEN				
		A	A'	B	F	P
270037	HSC0080-2SA700-1	284	316	270	316	G 1 1/4"
270038	HSC0080-2ST700-6	284	316	270	316	G 1 1/4"
270039	HSC0140-2SA151-1	322	324	315	401	G 1 1/2"
270040	HSC0140-2ST161-6	322	324	315	401	G 1 1/2"
270041	HSC0140-2ST221-6	322	324	315	401	G 1 1/2"
270042	HSC0210-2ST301-6	372	411	371	465	G 2"
270043	HSC0210-2ST401-7	372	411	371	499	G 2"
270044	HSC0315-2ST431-7	426	426	410	526	G 2"
270045	HSC0315-2ST551-7	426	426	410	571	G 2"
270046	HSC0495-2PT551-7	420	-	410	325	G 2"
270047	HSC0495-2PT751-7	420	-	410	325	G 2"


ACCESSORIES FOR PRESSURE (BLOWING)
SUCTION FILTER FOR PRESSURE


- 270048 Filter of 1 1/4"
- 270049 Filter of 1/2"
- 270050 Filter of 2"
- 270051 Filter of 2 1/2"


Rabat Group

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ADDITIONAL SILENCER


- 270052 Silencer of 1 1/4"
- 270053 Silencer of 1/2"
- 270054 Silencer of 2"
- 270055 Silencer of 2 1/2"

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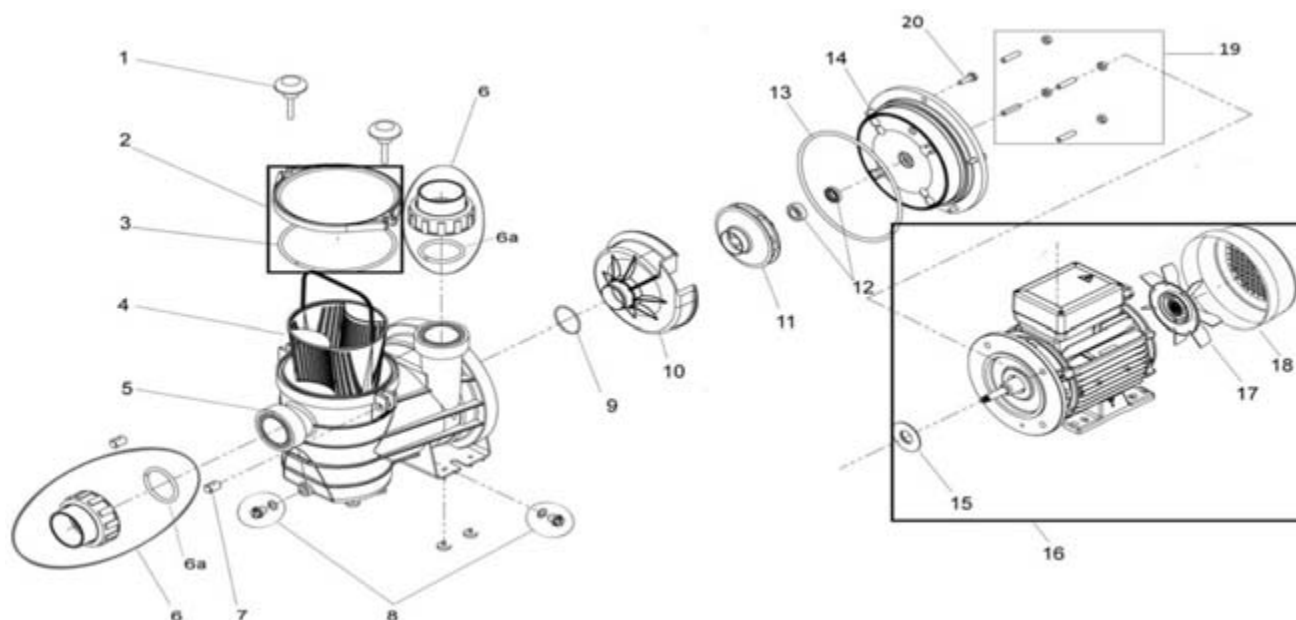
PRESSURE RELIEF VALVE

- 270056 Valve of 1 1/4"
- 270057 Valve of 2"



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LIST OF SPARE PARTS HGS



LIST OF SPARE PARTS HPS

