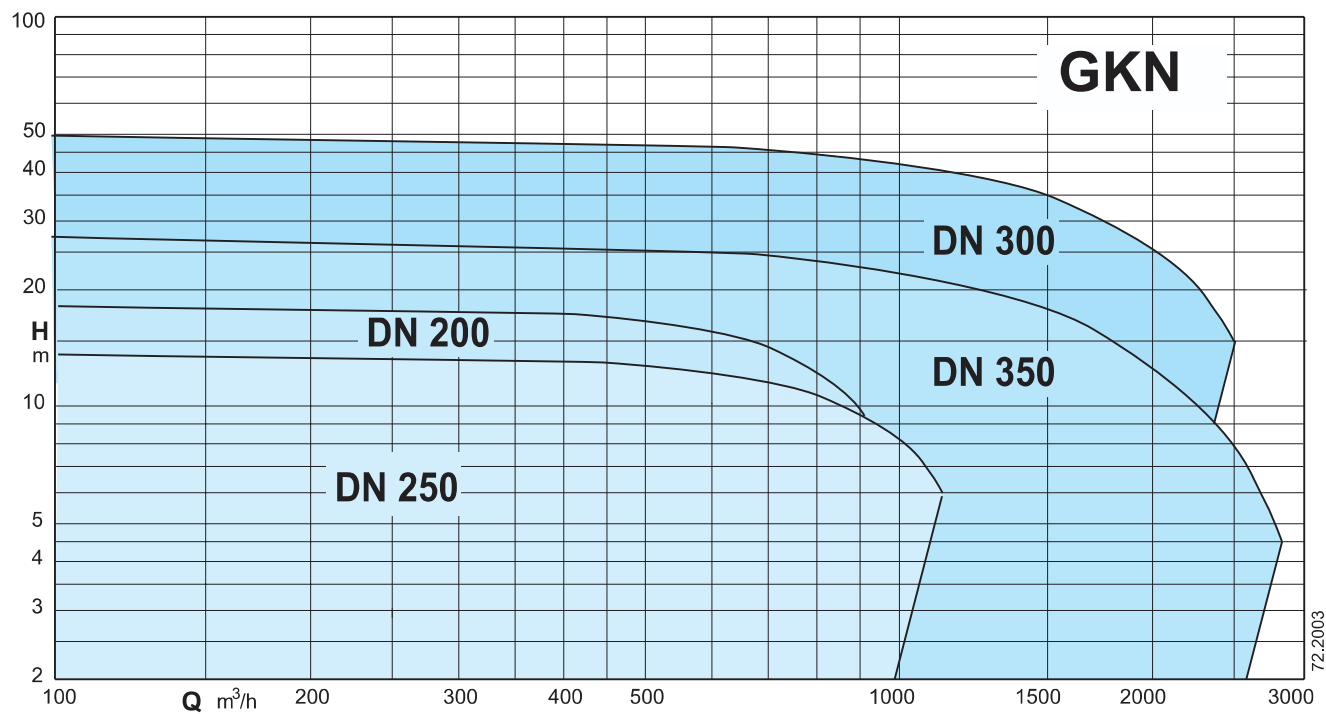




submersible pumps with channels impeller

Construction

Submersible pumps with multi-channel impeller.
Characterised by good protection against clogging, large spherical passages, good wear resistance, low mechanical action on the fluid and high hydraulic efficiency at high flow rates.
Low vibrations thanks to the dynamically balanced impeller.
Delivery port DN 200-250-300-350.

Applications

For the movement of sewage and sewage grates.
Particularly suitable for the emptying of sewage from cesspits or primary collection tanks or industrial waste water.
They replace single-channel pumps when a high solids passage diameter is not required.
Solid passage from 100 to 164 mm.

Operating conditions

Liquid temperature: from 0°C to +40°C.
Maximum immersion depth: 20m (with cable of suitable length).
Maximum working pressure: 80 m.w.c.
pH of the liquid to be lifted: 4 ÷ 10
Continuous service (with water at minimum immersion level).

Materials

Pump casing: cast iron EN-GJL250 UNI-EN 1561-11
Impeller: cast iron EN-GJL250 UNI-EN 1561-11
Motor casing: cast iron EN-GJL250 UNI-EN 1561-11 / EN-GJL450 UNI-EN 1561-11
Shaft: stainless steel X20Cr13 (AISI420)
Pump mechanical seal with flange size F - H - L - N - P
- motor side: graphite/ceramic
- pump side: silicon/ceramic carbide
Pump mechanical seal with flange size R - Z - T
- motor side: stainless steel/graphite
- pump side: Silicon carbide/silicon carbide

Motor

Induction motor 4-6 or 8 poles, 50Hz
Three-phase version: 400/690V ± 10%
Isolation class: F or H
Degree of protection: IP 68
Max number of starts per hour:
- 20 up to 5 kW
- 15 up to 10 kW
- 10 for higher powers

Cable: length 10m
Direction of rotation: clockwise top view
Motor suitable for operation with frequency converter.

Special features on request

(Check feasibility according to the model with our Technical Sales Office).
ATEX versions complying with EN60079-0 - EN60079-1 type I M2 Ex db h I Mb, II 2G Ex db h IIB T4 Gb.
Impeller in stainless steel AISI 316 or bronze.
Bronze impeller seat ring.
Cable length up to 40 m
Other mechanical seal.
Higher or lower liquid or ambient temperatures.
Ceramic coating.
Internal anti-erosion coating, external anti-corrosion.

Designation

GKN4 200-100A-0260F-X-R
GK = Series
N = Multi-channel impeller
4 = Number of poles
200 = Delivery port diameter in mm
100 = Free passage in mm
A = Impeller trim
0260 = Motor size (P2 = 26 kW)
F = Size of electric motor flanging
X = Versione ATEX
R = With cooling jacket / oil chamber

Technical data

TYPE	Version	Dry chamber version		Probes		Cable		Class	Duck foot coupling	Submersible pump rest	Dry chamber pump rest	Dry chamber pump support
	ATEX	Vertical	Horizontal	thermal	conductivity	NSSHOU-J	H07RN-F	Isolation				
GKN6 200-100A-0075N	o	#	—	•	•	•	—	H / IE3	SAK 200-250-3	APK 150	APCK 200	SOK150/N3
GKN6 200-100G-0075N	o	#	—	•	•	•	—	H / IE3	SAK 200-250-3	APK 150	APCK 200	SOK150/N3
GKN6 200-100L-0075N	o	#	—	•	•	•	—	H / IE3	SAK 200-250-3	APK 150	APCK 200	SOK150/N3
GKN6 200-100A-0110N	o	#	—	•	•	•	—	H / IE3	SAK 200-250-3	APK 150	APCK 200	—
GKN6 200-100G-0110N	o	#	—	•	•	•	—	H / IE3	SAK 200-250-3	APK 150	APCK 200	—
GKN6 200-100L-0110N	o	#	—	•	•	•	—	H / IE3	SAK 200-250-3	APK 150	APCK 200	—
GKN4 200-100A-0260N	o	#	—	•	•	•	—	H / IE3	SAK 200-250-3	APK 150	APCK 200	—
GKN4 200-100D-0210N	o	#	—	•	•	•	—	H / IE3	SAK 200-250-3	APK 150	APCK 200	—
GKN4 200-100G-0193N	o	#	—	•	•	•	—	H / IE3	SAK 200-250-3	APK 150	APCK 200	—
GKN4 200-100L-0165N	o	#	—	•	•	•	—	H / IE3	SAK 200-250-3	APK 150	APCK 200	—
GKN6 250-115A-0195P	o	#	—	•	•	•	—	H / IE3	SAK 250-300-3	APK 250	APCK 250	—
GKN6 250-115D-0150P	o	#	—	•	•	•	—	H / IE3	SAK 250-300-3	APK 250	APCK 250	—
GKN6 250-115I-0110P	o	#	—	•	•	•	—	H / IE3	SAK 250-300-3	APK 250	APCK 250	—
GKN8 300-143A-0210Z	—	—	—	•	•	—	•	F	SAK 300-350-3	APK 350	—	—
GKN8 300-143D-0170Z	—	—	—	•	•	—	•	F	SAK 300-350-3	APK 350	—	—
GKN8 300-143B-0210Z-R	—	\$	\$	•	•	—	•	F	SAK 300-350-3	—	APCK 300	—
GKN8 300-143E-0170Z-R	—	\$	\$	•	•	—	•	F	SAK 300-350-3	—	APCK 300	—

• = Standard o = Optional # = Version with oil chamber
- = Not present \$ = Version with cooling jacket

= In case of operation in a dry chamber or with a low level of the pumped liquid, it is necessary to introduce the cooling oil according to the quantities indicated in the use and maintenance manual

Technical data

TYPE	Version	Dry chamber version		Probes		Cable		Class	Duck foot coupling	Submersible pump rest	Dry chamber pump rest	Dry chamber pump support
	ATEX	Vertical	Horizontal	thermal	conductivity	NSSHOU-J	H07RN-F	Isolation				
GKN6 300-143A-0510R	–	–	–	•	•	•	–	H / IE3	SAK 300-350-3	APK 350	–	–
GKN6 300-143D-0420R	–	–	–	•	•	•	–	H / IE3	SAK 300-350-3	APK 350	–	–
GKN6 300-143G-0340R	–	–	–	•	•	•	–	H / IE3	SAK 300-350-3	APK 350	–	–
GKN6 300-143M-0250R	–	–	–	•	•	•	–	H / IE3	SAK 300-350-3	APK 350	–	–
GKN6 300-143B-0510R-R	–	#	–	•	•	•	–	H / IE3	–	–	APCK 300	–
GKN6 300-143E-0420R-R	–	#	–	•	•	•	–	H / IE3	–	–	APCK 300	–
GKN6 300-143H-0340R-R	–	#	–	•	•	•	–	H / IE3	–	–	APCK 300	–
GKN6 300-143N-0250R-R	–	#	–	•	•	•	–	H / IE3	–	–	APCK 300	–
GKN4 300-143A-1800T	–	–	–	•	•	–	•	F	SAK 300-350-3A	APK 350	–	–
GKN4 300-143D-1450T	–	–	–	•	•	–	•	F	SAK 300-350-3A	APK 350	–	–
GKN4 300-143G-1200T	–	–	–	•	•	–	•	F	SAK 300-350-3A	APK 350	–	–
GKN4 300-143I-1000T	–	–	–	•	•	–	•	F	SAK 300-350-3A	APK 350	–	–
GKN4 300-143M-0900T	–	–	–	•	•	–	•	F	SAK 300-350-3A	APK 350	–	–
GKN4 300-143N-0820R	–	–	–	•	•	•	–	H / IE3	SAK 300-350-3A	APK 350	–	–
GKN4 300-143B-1800T-R	–	\$	\$	•	•	–	•	F	SAK 300-350-3A	–	APCK 300	SOK350-315
GKN4 300-143E-1450T-R	–	\$	\$	•	•	–	•	F	SAK 300-350-3A	–	APCK 300	SOK350-280
GKN4 300-143H-1200T-R	–	\$	\$	•	•	–	•	F	SAK 300-350-3A	–	APCK 300	SOK350-280
GKN4 300-143L-1000T-R	–	\$	\$	•	•	–	•	F	SAK 300-350-3A	–	APCK 300	SOK350-280
GKN4 300-143P-0900T-R	–	\$	\$	•	•	–	•	F	SAK 300-350-3A	–	APCK 300	SOK350-250
GKN4 300-143Q-0820R-R	–	#	–	•	•	•	–	H / IE3	SAK 300-350-3A	–	APCK 300	–
GKN8 350-143A-0420R	–	–	–	•	•	–	•	F	SAK 350-400-3	APK 350	–	–
GKN8 350-143G-0340R	–	–	–	•	•	–	•	F	SAK 350-400-3	APK 350	–	–
GKN8 350-143O-0250R	–	–	–	•	•	–	•	F	SAK 350-400-3	APK 350	–	–
GKN8 350-143S-0210R	–	–	–	•	•	–	•	F	SAK 350-400-3	APK 350	–	–
GKN8 350-143B-0420R-R	–	\$	\$	•	•	–	•	F	SAK 350-400-3	–	APCK 350	SOK350-250
GKN8 350-143H-0340R-R	–	\$	\$	•	•	–	•	F	SAK 350-400-3	–	APCK 350	SOK350-225
GKN8 350-143P-0250R-R	–	\$	\$	•	•	–	•	F	SAK 350-400-3	–	APCK 350	SOK350-225
GKN8 350-143T-0210R-R	–	\$	\$	•	•	–	•	F	SAK 350-400-3	–	APCK 350	SOK350-200
GKN6 350-164S-0510R	–	–	–	•	•	•	–	H / IE3	SAK 350-400-3A	APK 350	–	–
GKN6 350-164V-0420R	–	–	–	•	•	•	–	H / IE3	SAK 350-400-3A	APK 350	–	–
GKN6 350-164T-0510R-R	–	#	–	•	•	•	–	H / IE3	–	–	APCK 350	–
GKN6 350-164W-0420R-R	–	#	–	•	•	•	–	H / IE3	–	–	APCK 350	–
GKN6 350-164A-1000T	–	–	–	•	•	–	•	F	SAK 350-400-3A	APK 350	–	–
GKN6 350-164B-1000T-R	–	\$	\$	•	•	–	•	F	SAK 350-400-3A	–	APCK 350	SOK350-280
GKN6 350-164G-0820R	–	–	–	•	•	•	–	H / IE3	SAK 350-400-3A	APK 350	–	–
GKN6 350-164H-0820R-R	–	#	\$	•	•	•	–	H / IE3	SAK 350-400-3A	–	APCK 350	–
GKN6 350-164O-0600T	–	–	–	•	•	–	•	F	SAK 350-400-3A	APK 350	–	–
GKN6 350-164P-0600T-R	–	\$	\$	•	•	–	•	F	SAK 350-400-3A	–	APCK 350	SOK350-280

• = Standard
– = Not present

o = Optional

= Version with oil chamber
\$ = Version with cooling jacket

= In case of operation in a dry chamber or with a low level of the pumped liquid, it is necessary to introduce the cooling oil according to the quantities indicated in the use and maintenance manual

Performance

n ≈ 950 1/min

				Q = Flow													
				m³/h	0	108	126	144	162	180	216	252	288	324	360	450	540
Model	400V	690V	P2	l/min		1800	2100	2400	2700	3000	3600	4200	4800	5400	6000	7500	9000
	A		kW	H (m) = Total head													
GKN6 200-100L-0075N	15,8	9,1	7,5		5,9	-	4,8	4,6	4,5	4,3	3,9	3,5	3,1	2,7	2,3	-	-
GKN6 200-100G-0075N	15,8	9,1	7,5		7,7	-	6,1	5,9	5,7	5,6	5,2	4,8	4,4	3,9	3,4	2,2	-
GKN6 200-100A-0075N	15,8	9,1	7,5		10,4	-	-	-	7,9	7,7	7,3	6,9	6,4	5,9	5,3	3,8	2,1
GKN6 200-100L-0110N	23,8	13,7	11		5,9	5	4,8	4,6	4,4	4,3	4	3,7	3,3	3	2,5	-	-
GKN6 200-100G-0110N	23,8	13,7	11		8,1	-	-	6,4	6,2	6	5,6	5,3	4,9	4,4	4	2,7	-
GKN6 200-100A-0110N	23,8	13,7	11		11,6	-	-	-	8,2	8	7,6	7,2	6,9	6,5	6	4,7	3,1

n ≈ 1450 1/min

				Q = Flow												
				m³/h	0	216	252	288	324	360	450	540	630	720	810	900
Model	400V	690V	P2	l/min		3600	4200	4800	5400	6000	7500	9000	10500	12000	13500	15000
	A		kW	H (m) = Total head												
GKN4 200-100L-0165N	31,2	18	16,5		12,9	10	9,5	9	8,6	8,1	6,9	5,4	3,6	-	-	-
GKN4 200-100G-0193N	38,8	22,4	19,3		18	14,2	13,6	13	12,4	11,9	10,4	8,8	7	4,9	2,9	-
GKN4 200-100D-0210N	39	22,5	21		20,1	-	14,9	14,2	13,6	13	11,6	10	8,1	6	3,8	-
GKN4 200-100A-0260N	47,2	27,3	26		24,9	18,1	17,6	17	16,5	15,9	14,5	12,9	11	8,7	6,1	3,7

n ≈ 950 1/min

				Q = Flow													
				m³/h	0	252	288	324	360	450	540	630	720	810	900	990	1080
Model	400V	690V	P2	l/min		4200	4800	5400	6000	7500	9000	10500	12000	13500	15000	16500	18000
	A		kW	H (m) = Total head													
GKN6 250-115I-0110P	23,8	13,7	11		8,4	6,4	6,1	5,8	5,6	4,9	4	3,1	2,1	-	-	-	-
GKN6 250-115D-0150P	33	19,1	15		11,4	9,4	9,1	8,8	8,5	7,7	6,8	5,8	4,7	3,5	2,2	-	-
GKN6 250-115A-0195P	40,2	23,2	19,5		15	13,1	12,7	12,3	11,9	10,8	9,8	8,7	7,6	6,4	5,1	3,8	2,5

n ≈ 725 1/min

				Q = Flow														
				m³/h	0	288	360	450	540	630	720	810	900	990	1080	1170	1260	1350
Model	400V	690V	P2	l/min		4800	6000	7500	9000	10500	12000	13500	15000	16500	18000	19500	21000	22500
	A		kW	H (m) = Total head														
	GKN8 300-143D-0170Z	36,0	20,6	17		11,1	8,6	8,2	7,7	7,3	6,8	6,3	5,7	5	4,2	3,4	2,6	1,7
GKN8 300-143A-0210Z	44,1	25,2	21		13	10,1	9,8	9,4	8,9	8,3	7,7	6,9	6,2	5,4	4,6	3,8	3	2,2
GKN8 300-143E-0170Z-R	36,0	20,6	17		11,1	8,6	8,2	7,7	7,3	6,8	6,3	5,7	5	4,2	3,4	2,6	1,7	-
GKN8 300-143B-0210Z-R	44,1	25,2	21		13	10,1	9,8	9,4	8,9	8,3	7,7	6,9	6,2	5,4	4,6	3,8	3	2,2

n ≈ 950 1/min

				Q = Flow													
				m³/h	0	324	360	450	540	630	720	900	1080	1260	1440	1620	1800
Model	400V	690V	P2	l/min		5400	6000	7500	9000	10500	12000	15000	18000	21000	24000	27000	30000
	A		kW	H (m) = Total head													
GKN6 300-143M-0250R	49	28,3	25		11,6	9,6	9,4	9	8,5	8,1	7,6	6,4	5,1	3,5	2	-	-
GKN6 300-143G-0340R	64,6	37,3	34		16,4	-	12,7	12,4	12	11,5	10,9	9,6	8	6,2	4,3	-	-
GKN6 300-143D-0420R	76,5	44,2	42		20,5	-	15,3	14,8	14,3	13,9	13,4	12,2	10,6	8,6	6,4	4,2	-
GKN6 300-143A-0510R	91	52,5	51		23,7	-	18	17,5	17	16,6	16,1	14,8	13,1	11	8,8	6,5	4,1
GKN6 300-143N-0250R-R	49	28,3	25		11,6	-	9,7	9,2	8,8	8,3	7,8	6,7	5,3	3,8	-	-	-
GKN6 300-143H-0340R-R	64,6	37,3	34		16,4	-	13	12,7	12,3	11,8	11,2	9,9	8,3	6,5	4,7	-	-
GKN6 300-143E-0420R-R	76,5	44,2	42		20,5	-	15,6	15,1	14,5	13,9	13,4	12,1	10,5	8,5	6,3	4,1	-
GKN6 300-143B-0510R-R	91	52,5	51		23,7	-	18,9	18,2	17,6	17,1	16,5	15,1	13,3	11,2	8,9	6,5	4,2

Performance

n ≈ 1450 1/min

Model				Q = Flow																			
				m³/h	0	540	630	720	810	900	990	1080	1170	1260	1440	1620	1800	1980	2160	2340	2520		
				l/min		9000	10500	12000	13500	15000	16500	18000	19500	21000	24000	27000	30000	33000	36000	39000	42000		
400V		690V	P2	H (m) = Total head																			
A		kW																					
GKN4 300-143N-0820R	142	82	82		30,8	24	22,9	21,9	20,8	19,8	18,8	17,8	16,8	15,8	13,8	11,7	9,5	7,2	4,5	1,6	-		
GKN4 300-143M-0900T	159	90,9	90		32,1	25,2	24,2	23,1	22,1	21	20	18,9	17,9	16,9	14,8	12,7	10,6	8,3	5,8	2,8	-		
GKN4 300-143I-1000T	184	105	100		34,4	27,5	26,4	25,4	24,3	23,2	22,1	21	19,9	18,9	16,7	14,5	12,2	9,8	7,4	4,9	2,3		
GKN4 300-143G-1200T	223	128	120		37,9	32,9	31,3	29,8	28,5	27,2	25,9	24,8	23,7	22,6	20,5	18,3	16,1	13,6	10,9	8,1	5,2		
GKN4 300-143D-1450T	262	150	145		48,3	38,4	37	35,7	34,5	33,3	32,1	30,9	29,7	28,4	25,7	22,8	20	17,2	14,6	12,2	10		
GKN4 300-143A-1800T	321	184	180		56,6	46,8	45,4	44,2	43,1	42	40,9	39,7	38,6	37,4	34,8	32	29	25,9	22,6	19,3	15,9		
GKN4 300-143Q-0820R-R	142	82	82		30,8	24	22,9	21,9	20,8	19,8	18,8	17,8	16,8	15,8	13,8	11,7	9,5	7,2	4,5	1,6	-		
GKN4 300-143P-0900T-R	159	90,9	90		32,1	25,2	24,2	23,1	22,1	21	20	18,9	17,9	16,9	14,8	12,7	10,6	8,3	5,8	2,8	-		
GKN4 300-143L-1000T-R	184	105	100		34,4	27,5	26,4	25,4	24,3	23,2	22,1	21	19,9	18,9	16,7	14,5	12,2	9,8	7,4	4,9	2,3		
GKN4 300-143H-1200T-R	223	128	120		37,9	32,9	31,3	29,8	28,5	27,2	25,9	24,8	23,7	22,6	20,5	18,3	16,1	13,6	10,9	8,1	5,2		
GKN4 300-143E-1450T-R	262	150	145		48,3	38,4	37	35,7	34,5	33,3	32,1	30,9	29,7	28,4	25,7	22,8	20	17,2	14,6	12,2	10		
GKN4 300-143B-1800T-R	321	184	180		56,6	46,8	45,4	44,2	43,1	42	40,9	39,7	38,6	37,4	34,8	32	29	25,9	22,6	19,3	15,9		

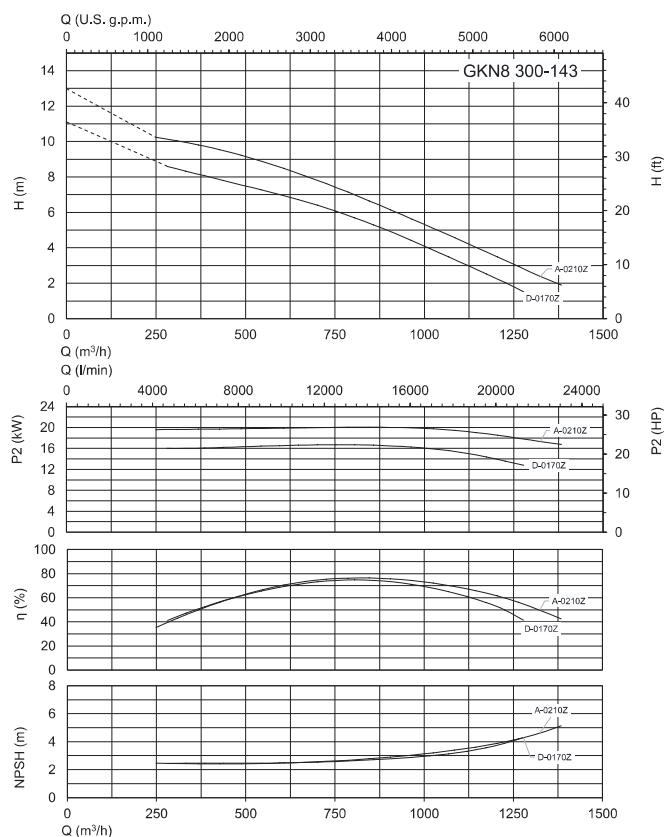
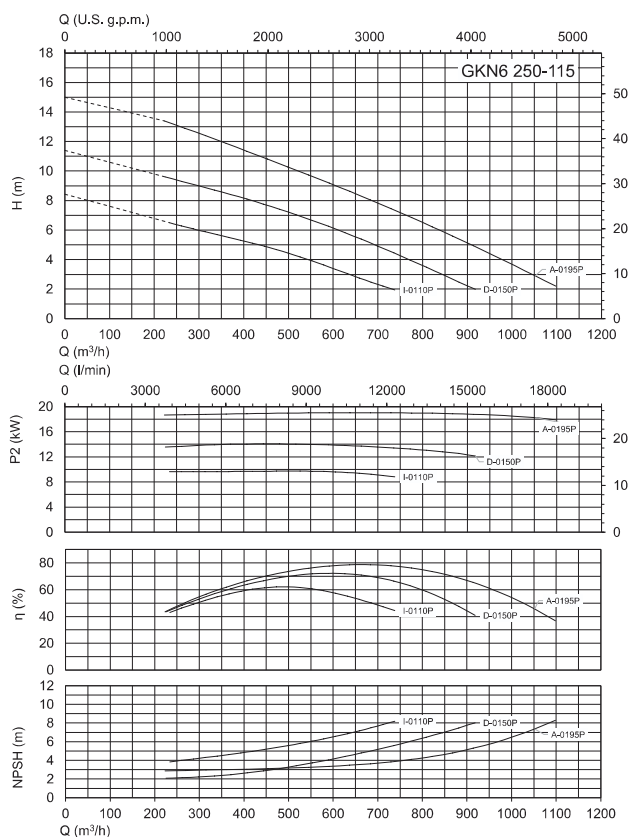
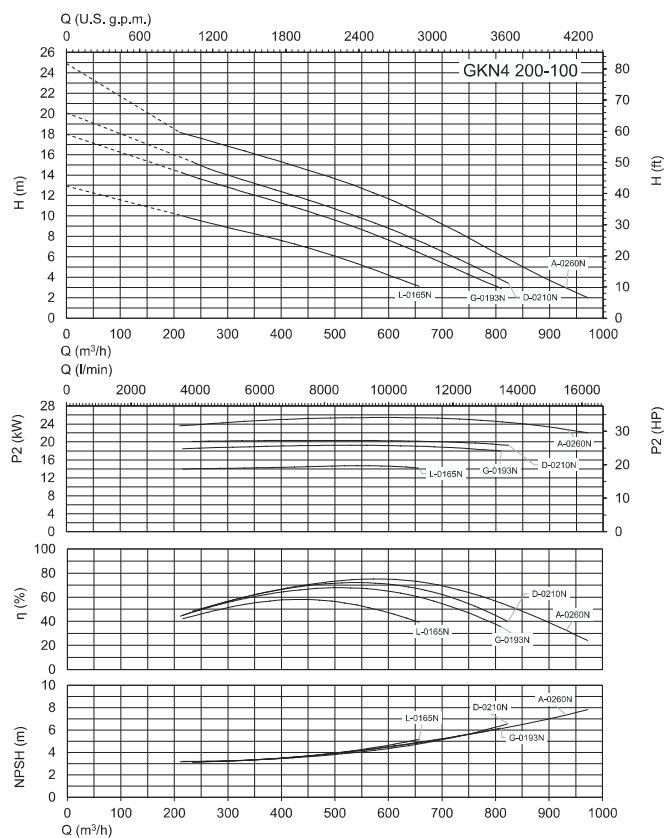
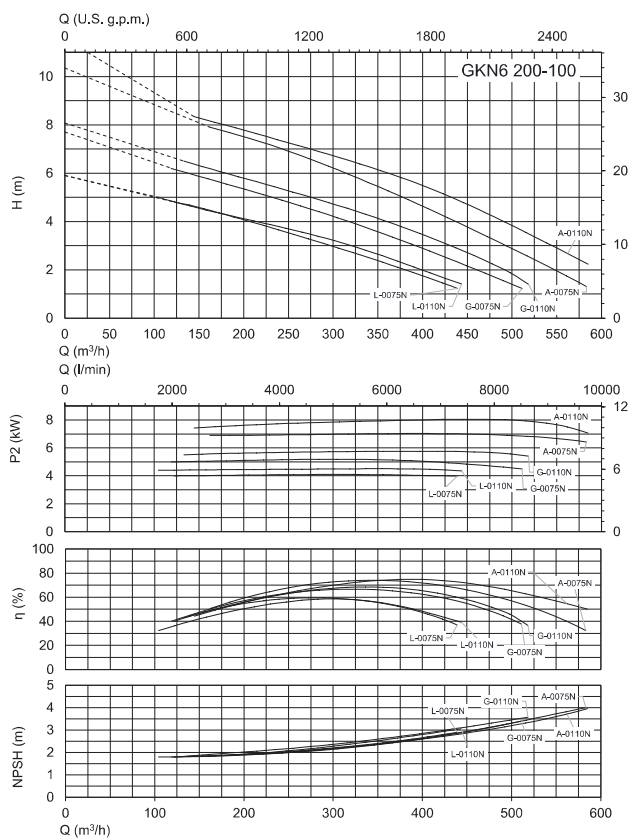
n ≈ 725 1/min

				Q = Flow																	
				m³/h	0	252	270	360	450	540	630	720	900	1080	1260	1440	1620	1800	1980	2160	
				l/min		4200	4500	6000	7500	9000	10500	12000	15000	18000	21000	24000	27000	30000	33000	36000	
Model	400V	690V	P2	H (m) = Total head																	
	A		kW																		
GKN8 350-143S-0210R	44,1	25,2	21		8,4	7,2	7,2	7,1	7	6,8	6,5	6,2	5,6	4,8	3,8	2,8	1,8	-	-	-	
GKN8 350-143O-0250R	58,5	33,4	25		10,1	-	-	8,7	8,5	8,3	8	7,6	6,8	5,9	4,9	3,8	2,5	-	-	-	
GKN8 350-143G-0340R	80,0	45,7	34		13,9	-	-	12	11,5	11,1	10,7	10,3	9,4	8,4	7,3	6,1	4,8	3,4	2	-	
GKN8 350-143A-0420R	90,5	51,7	42		16,1	-	-	13,5	13,1	12,8	12,4	12	11,1	10,1	9,1	8	6,7	5,3	3,9	2,4	
GKN8 350-143T-0210R-R	44,1	25,2	21		8,4	7,2	7,2	7,1	7	6,8	6,5	6,2	5,6	4,8	3,8	2,8	1,8	-	-	-	
GKN8 350-143P-0250R-R	58,5	33,4	25		10,1	-	-	8,7	8,5	8,3	8	7,6	6,8	5,9	4,9	3,8	2,5	-	-	-	
GKN8 350-143H-0340R-R	80,0	45,7	34		13,9	-	-	12	11,5	11,1	10,7	10,3	9,4	8,4	7,3	6,1	4,8	3,4	2	-	
GKN8 350-143B-0420R-R	90,5	51,7	42		16,1	-	-	13,5	13,1	12,8	12,4	12	11,1	10,1	9,1	8	6,7	5,3	3,9	2,4	

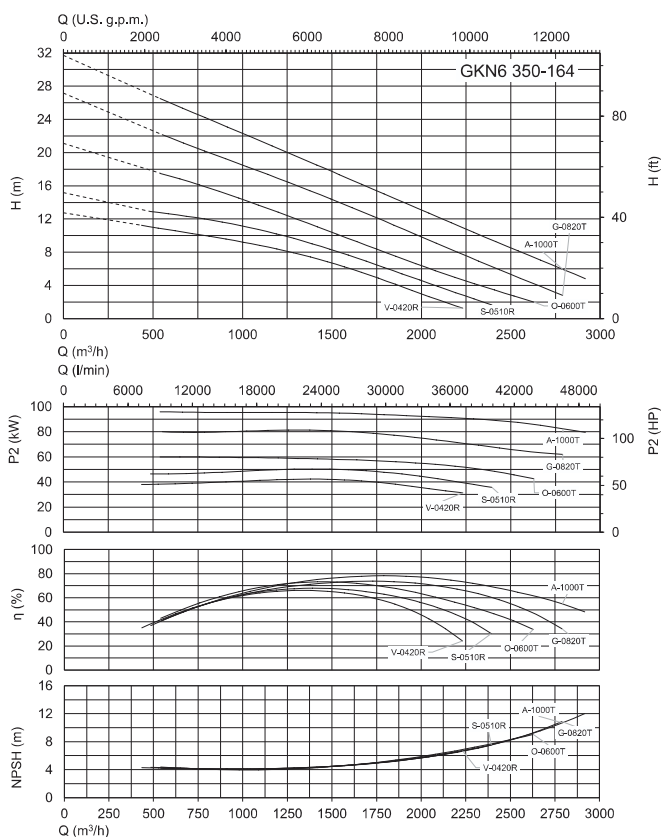
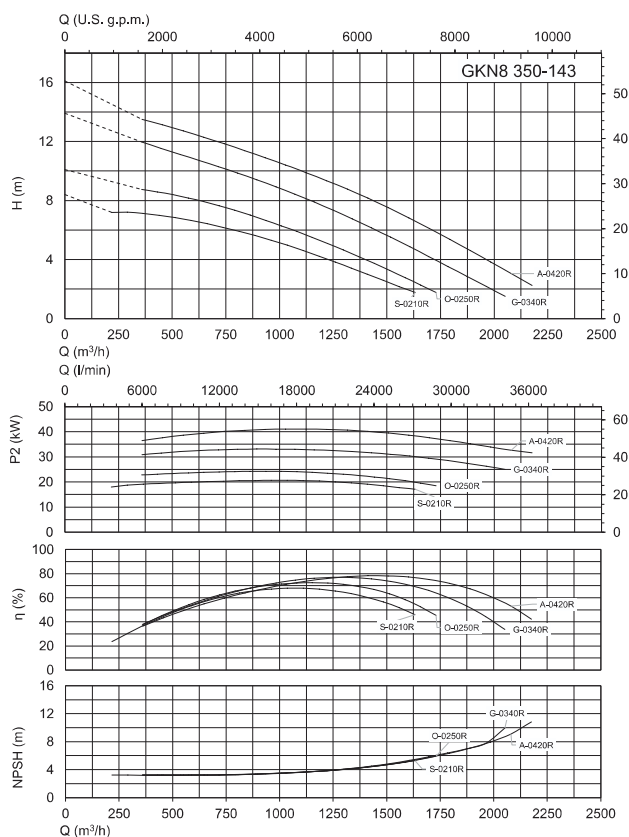
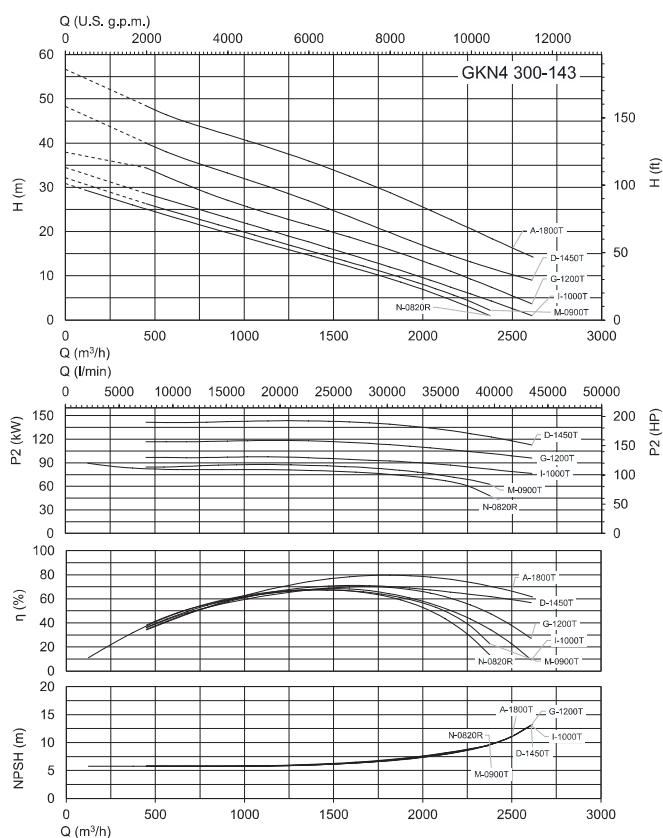
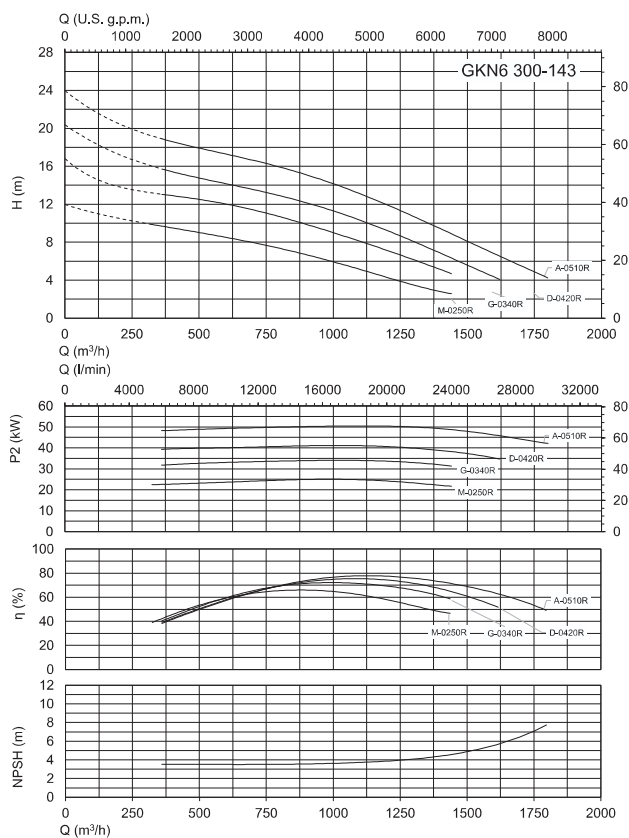
n ≈ 950 1/min

Model				Q = Flow																				
				m³/h	0	720	810	900	990	1080	1170	1260	1440	1620	1800	1980	2160	2340	2520	2700	2880			
				l/min		12000	13500	15000	16500	18000	19500	21000	24000	27000	30000	33000	36000	39000	42000	45000	48000			
				400V	690V	P2	H (m) = Total head																	
				A	kW																			
GKN6 350-164V-0420R				76,5	44,2	42		12,7	10,2	9,9	9,6	9,3	8,9	8,5	8,1	7,1	5,9	4,6	3,1	1,8	-	-	-	-
GKN6 350-164S-0510R				91	52,5	51		15,2	12,2	11,9	11,6	11,2	10,8	10,3	9,8	8,7	7,4	6,1	4,7	3,4	2	-	-	-
GKN6 350-164W-0420R-R				76,5	44,2	42		12,7	10,2	-	9,5	-	8,8	-	8	7	5,8	4,4	3	1,7	-	-	-	-
GKN6 350-164T-0510R-R				91	52,5	51		15,2	12,3	-	11,6	-	10,8	-	9,9	8,8	7,6	6,3	4,9	3,5	2,2	-	-	-
GKN6 350-164O-0600T				110	62,7	60		21,1	16,4	15,8	15,1	14,4	13,8	13,1	12,3	10,9	9,4	8	6,5	5,2	3,9	2,7	-	-
GKN6 350-164G-0820T				145	82,7	82		27,2	20,7	20	19,3	18,6	17,9	17,1	16,4	14,9	13,3	11,7	10	8,4	6,8	5,2	3,6	-
GKN6 350-164A-1000T				177	101	100		31,7	24,9	24	23,2	22,4	21,6	20,8	19,9	18,3	16,6	14,9	13,3	11,6	10	8,3	6,8	5,2
GKN6 350-164P-0600T-R				110	62,7	60		21,1	16,4	15,8	15,1	14,4	13,8	13,1	12,3	10,9	9,4	8	6,5	5,2	3,9	2,7	-	-
GKN6 350-164H-0820T-R				145	82,7	82		27,2	20,7	20	19,3	18,6	17,9	17,1	16,4	14,9	13,3	11,7	10	8,4	6,8	5,2	3,6	-
GKN6 350-164B-1000T-R				177	101	100		31,7	24,9	24	23,2	22,4	21,6	20,8	19,9	18,3	16,6	14,9	13,3	11,6	10	8,3	6,8	5,2

Characteristic curves



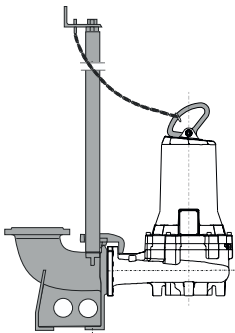
Characteristic curves



Dimensions and weight

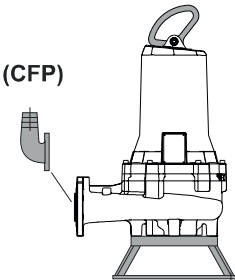
Duck foot coupling

SAK



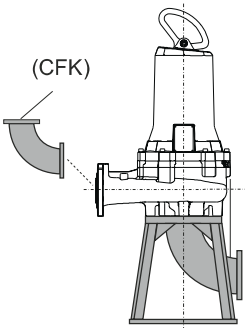
Submersible pump rest

APK



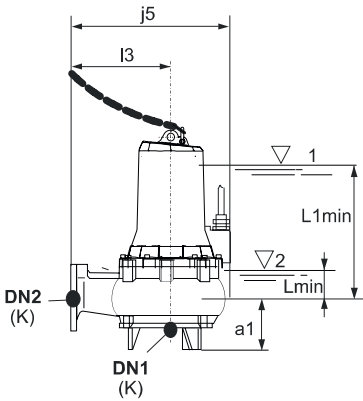
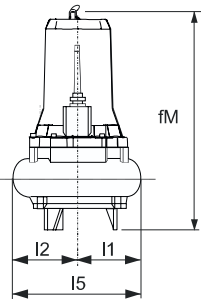
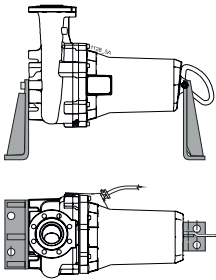
Dry chamber pump rest

APCK



Dry chamber pump support

SOK



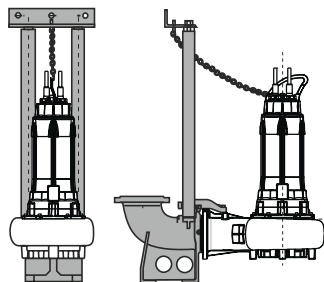
TYPE			mm										Kg Weight
	DN1	DN2	a1	fM	j5	K	l1	l2	l3	l5	L1min	Lmin	
GKN6 200-100L-0075N	200	200	170	846.9	840	10	240	340	550	580	446	120	235
GKN6 200-100G-0075N	200	200	170	846.9	840	10	240	340	550	580	446	120	235.3
GKN6 200-100A-0075N	200	200	170	846.9	840	10	240	340	550	580	446	120	236.7

L1min = Minimum submergence depth for motor without casing with continuous duty S1 (NPSHR permitting)
Lmin = Minimum submergence depth for motor without casing with intermittent duty S3 (NPSHR permitting)

Dimensions and weight

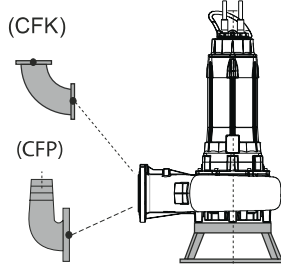
Duck foot coupling

SAK



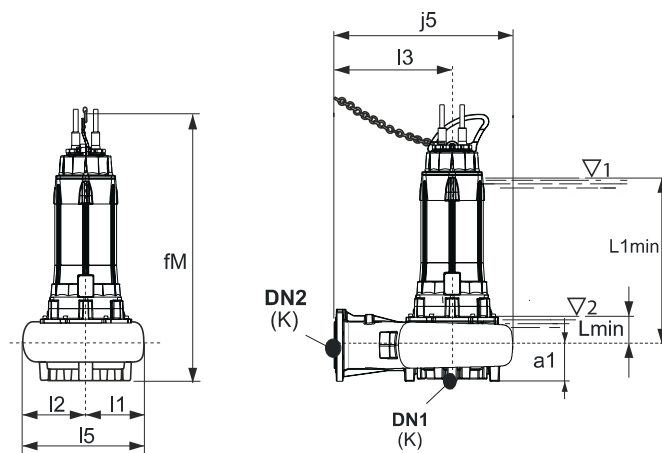
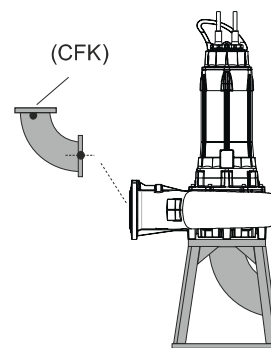
Submersible pump rest

APK



Dry chamber pump rest

APCK



TYPE			mm										Kg
	DN1	DN2	a1	fM	j5	K	l1	l2	l3	l5	L1min	Lmin	Weight
GKN6 200-100L-0110N	200	200	170	1259	835	16	236	334	550	570	804	183	387.3
GKN6 200-100G-0110N	200	200	170	1259	835	16	236	334	550	570	804	183	388
GKN6 200-100A-0110N	200	200	170	1259	835	16	236	334	550	570	804	183	389.7

TYPE			mm										Kg
	DN1	DN2	a1	fM	j5	K	l1	l2	l3	l5	L1min	Lmin	Weight
GKN4 200-100L-0165N	200	200	170	1259	835	16	236	334	550	570	804	183	374.1
GKN4 200-100G-0193N	200	200	170	1259	835	16	236	334	550	570	804	183	396.6
GKN4 200-100D-0210N	200	200	170	1259	835	16	236	334	550	570	804	183	421.2
GKN4 200-100A-0260N	200	200	170	1259	835	16	236	334	550	570	804	183	404.9

TYPE			mm										Kg
	DN1	DN2	a1	fM	j5	K	l1	l2	l3	l5	L1min	Lmin	Weight
GKN6 250-115I-0110P	250	250	200	1305	843	10	282	404	500	686	820	199	412.8
GKN6 250-115D-0150P	250	250	200	1305	843	10	282	404	500	686	820	199	477.8
GKN6 250-115A-0195P	250	250	200	1305	843	10	282	404	500	686	820	199	524.3

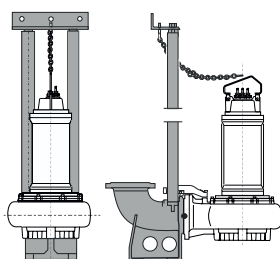
L1min = Minimum submergence depth for motor without casing with continuous duty S1 (NPSHR permitting)

Lmin = Minimum submergence depth for motor without casing with intermittent duty S3 (NPSHR permitting)

Dimensions and weight

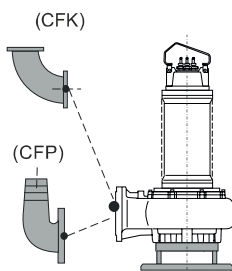
Duck foot coupling

SAK



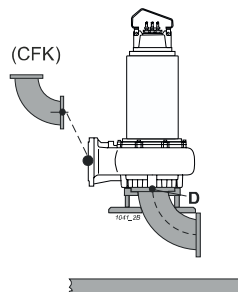
Submersible pump rest

APK



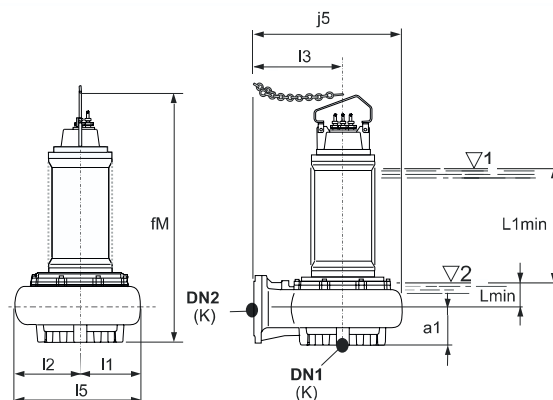
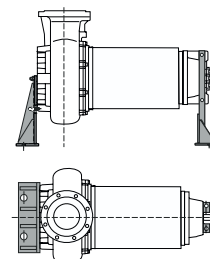
Dry chamber pump rest

APCK



Dry chamber pump support

SOK



TYPE	DN1		DN2		mm								Kg
	DN1	DN2	a1	fM	j5	K	l1	l2	l3	l5	L1min	Lmin	Weight
GKN8 300-143D-0170Z	300	300	230	1599.5	1030	10	340	480	620	820	910	165	656
GKN8 300-143A-0210Z	300	300	230	1599.5	1030	10	340	480	620	820	910	165	676
GKN8 300-143E-0170Z-R	300	300	230	1599.5	1030	10	340	480	620	820	910	165	761
GKN8 300-143B-0210Z-R	300	300	230	1599.5	1030	10	340	480	620	820	910	165	691

TYPE	DN1		DN2		mm								Kg
	DN1	DN2	a1	fM	j5	K	l1	l2	l3	l5	L1min	Lmin	Weight
GKN4 300-143N-0820R	300	300	230	1696	1030	10	340	480	620	820	1040	187	-
GKN4 300-143M-0900T	300	300	230	1653.5	1030	10	340	480	620	820	1000	155	1121
GKN4 300-143I-1000T	300	300	230	1867	1030	10	340	480	620	820	1140	155	1378
GKN4 300-143G-1200T	300	300	230	1867	1030	10	340	480	620	820	1140	155	1438
GKN4 300-143D-1450T	300	300	230	1867	1030	10	340	480	620	820	1140	155	1490
GKN4 300-143A-1800T	300	300	230	2103	1030	10	340	480	620	820	1315	155	1893
GKN4 300-143Q-0820R-R	300	300	230	1696	1030	10	340	480	620	820	1040	187	-
GKN4 300-143P-0900T-R	300	300	230	1653.5	1030	10	340	480	620	820	1000	155	1141
GKN4 300-143L-1000T-R	300	300	230	1867	1030	10	340	480	620	820	1140	155	1611
GKN4 300-143H-1200T-R	300	300	230	1867	1030	10	340	480	620	820	1140	155	1672
GKN4 300-143E-1450T-R	300	300	230	1867	1030	10	340	480	620	820	1140	155	1724
GKN4 300-143B-1800T-R	300	300	230	2103	1030	10	340	480	620	820	1315	155	2220

TYPE	DN1		DN2		mm								Kg
	DN1	DN2	a1	fM	j5	K	l1	l2	l3	l5	L1min	Lmin	Weight
GKN6 300-143M-0250R	300	300	230	1609	1030	10	340	480	620	820	953	187	656
GKN6 300-143G-0340R	300	300	230	1609	1030	10	340	480	620	820	953	187	676
GKN6 300-143D-0420R	300	300	230	1663	1030	10	340	480	620	820	1007	187	788
GKN6 300-143A-0510R	300	300	230	1696	1030	10	340	480	620	820	1040	187	1026
GKN6 300-143N-0250R-R	300	300	230	1609	1030	10	340	480	620	820	953	187	671
GKN6 300-143H-0340R-R	300	300	230	1609	1030	10	340	480	620	820	953	187	696
GKN6 300-143E-0420R-R	300	300	230	1663	1030	10	340	480	620	820	1007	187	804
GKN6 300-143B-0510R-R	300	300	230	1696	1030	10	340	480	620	820	1040	187	1046

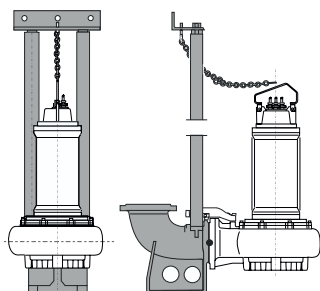
L1min = Minimum submergence depth for motor without casing with continuous duty S1 (NPSHR permitting)

Lmin = Minimum submergence depth for motor without casing with intermittent duty S3 (NPSHR permitting)

Dimensions and weight

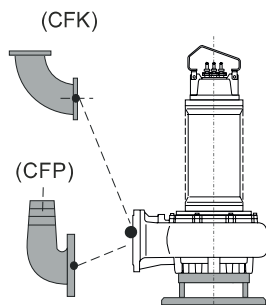
Duck foot coupling

SAK



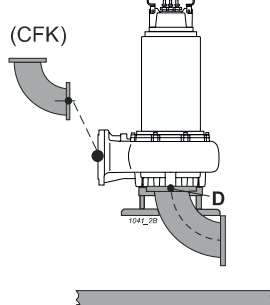
Submersible pump rest

APK



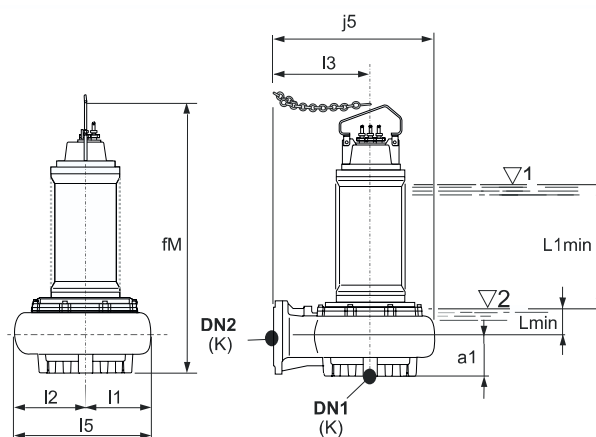
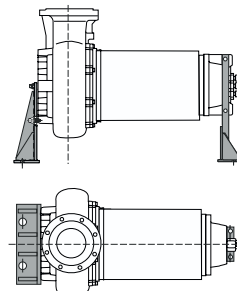
Dry chamber pump rest

APCK



Dry chamber pump support

SOK



TYPE			mm										Kg
	DN1	DN2	a1	fM	j5	K	l1	l2	l3	l5	L1min	Lmin	Weight
GKN8 350-143S-0210R	350	350	268	1640.5	1170	10	385	550	700	935	997	192	785
GKN8 350-143O-0250R	350	350	268	1662.5	1170	10	385	550	700	935	912	167	970
GKN8 350-143G-0340R	350	350	268	1662.5	1170	10	385	550	700	935	912	167	1070
GKN8 350-143A-0420R	350	350	268	1672.5	1170	10	385	550	700	935	1002	192	1155
GKN8 350-143T-0210R-R	350	350	268	1640.5	1170	10	385	550	700	935	997	192	805
GKN8 350-143P-0250R-R	350	350	268	1662.5	1170	10	385	550	700	935	912	167	990
GKN8 350-143H-0340R-R	350	350	268	1662.5	1170	10	385	550	700	935	912	167	1025
GKN8 350-143B-0420R-R	350	350	268	1672.5	1170	10	385	550	700	935	1002	192	1175

TYPE			mm										Kg
	DN1	DN2	a1	fM	j5	K	l1	l2	l3	l5	L1min	Lmin	Weight
GKN6 350-164V-0420R	350	350	268	1704	1170	10	385	550	700	935	1010	190	865
GKN6 350-164S-0510R	350	350	268	1737	1170	10	385	550	700	935	1043	190	1198
GKN6 350-164W-0420R-R	350	350	268	1704	1170	10	385	550	700	935	1010	190	880
GKN6 350-164T-0510R-R	350	350	268	1737	1170	10	385	550	700	935	1043	190	1219
GKN6 350-164O-0600T	350	350	268	1908	1170	10	385	550	700	935	1177	192	1409
GKN6 350-164G-0820T	350	350	268	1908	1170	10	385	550	700	935	1177	192	1482
GKN6 350-164A-1000T	350	350	268	1908	1170	10	385	550	700	935	1177	192	1544
GKN6 350-164P-0600T-R	350	350	268	1908	1170	10	385	550	700	935	1177	192	1642
GKN6 350-164H-0820T-R	350	350	268	1908	1170	10	385	550	700	935	1177	192	1715
GKN6 350-164B-1000T-R	350	350	268	1908	1170	10	385	550	700	935	1177	192	1778

L1min = Minimum submergence depth for motor without casing with continuous duty S1 (NPSHR permitting)

Lmin = Minimum submergence depth for motor without casing with intermittent duty S3 (NPSHR permitting)