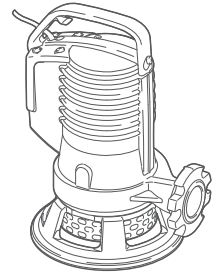
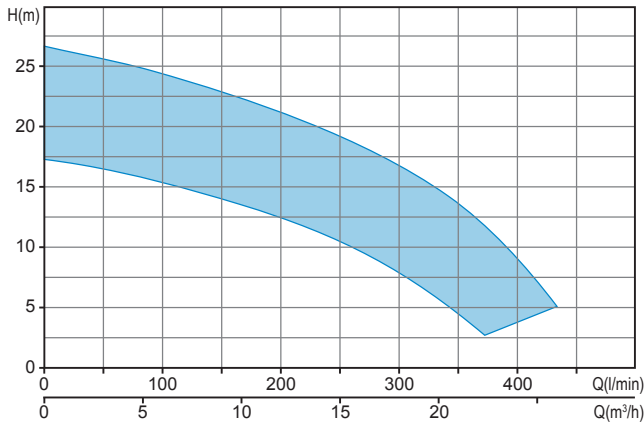


Pumps with high head impeller

Operating ranges



Range characteristics

Motor power	0.74 ÷ 1.5 kW
Poles	2
Insulation class	F
Degree of protection	IP68
Discharge	GAS 1 1/2" - DN32 horizontal
Free passage	6 mm
Max flow rate	7.1 l/s (426 l/min)
Max head	26.6 m

Motor

Dry motor with thermal protections.

Cable

H07RN-F - 5 m cable length. Optional 10 m cable length.

Mechanical seals

Two silicon carbide mechanical seals (2SiC), V-ring

Applications

Used for clear wastewater, rainwater and seepage containing small amounts of sand. Its high manometric head makes this series suitable for the creation of water features and decorative fountains. This electric pump is intended for both domestic and professional use.

Versions

Electrical variants	TC, TCG (single-phase models) TR, TRG (three-phase models)
Cooling system	N
Mechanical seals	2SiC

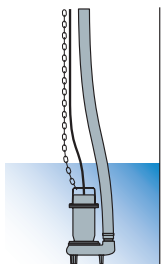
Operating specifications

Max operating temperature	40 °C
PH of treated fluid	6 ÷ 14
Viscosity of treated fluid	1 mm²/s
Maximum immersion depth	20 m
Density of treated fluid	1 Kg/dm³
Acoustic pressure max	<70dB
Max starts per hour	30

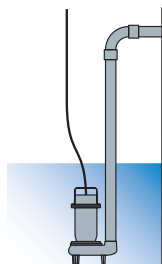
Construction materials

Case	Cast iron EN-GJL 250
Hydraulic parts	Cast iron EN-GJL 250
Impeller	Cast iron EN-GJL 250
Nuts and bolts	Stainless steel - Class A2-70
Standard gasket	Rubber - NBR
Shaft	Stainless steel - AISI 420
Paint type	Ecological bicomponent epoxy (~ 80 µm)

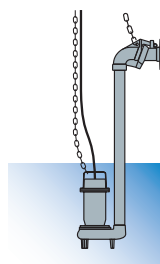
Installations



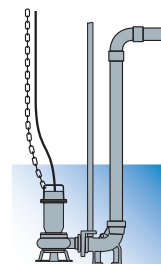
FREE



FIXED



with EXTERNAL COUPLER

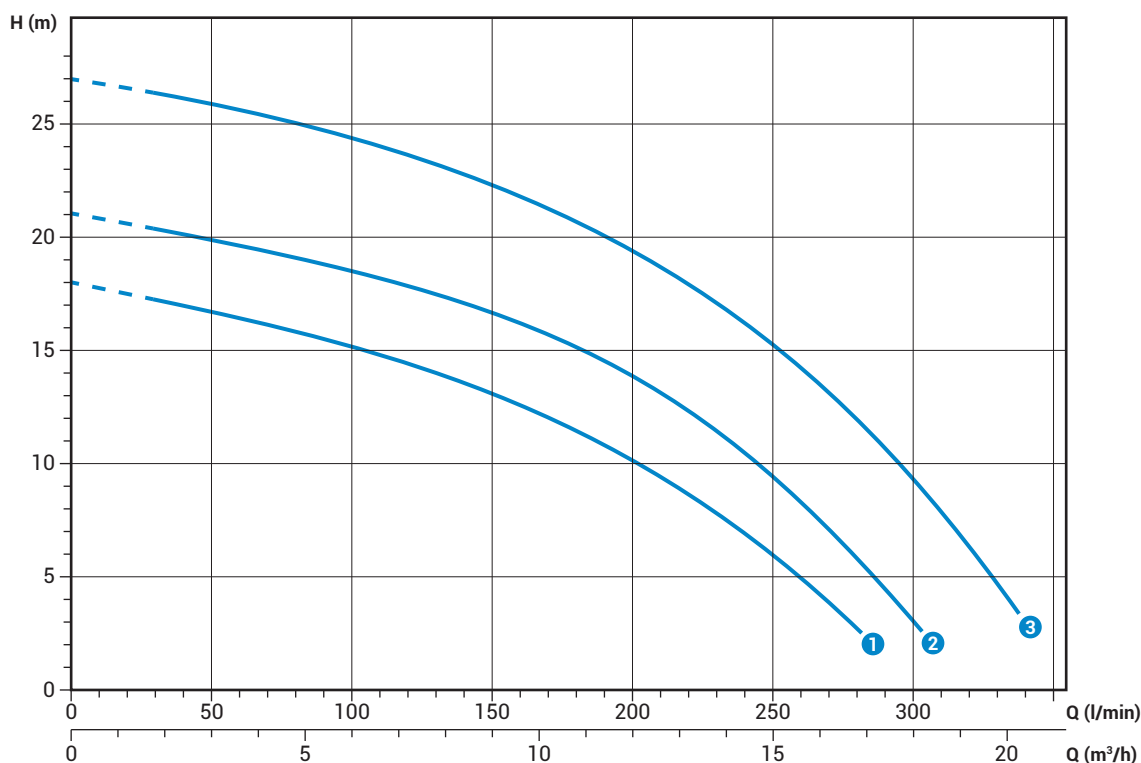


with BASE COUPLING FOOT

AP bluePRO 2/G40H

Performances

	l/s	0	1	2	3	4	5	6	7
	l/min	0	60	120	180	240	300	360	420
	m ³ /h	0	3.6	7.2	10.8	14.4	18.0	21.6	25.2
① AP bluePRO 100/2/G40H A1CM(T)5		17.3	16.3	14.9	13.1	10.9	7.8	3.6	
② AP bluePRO 150/2/G40H A1CM(T)5		20.9	19.8	18.5	16.7	14.6	11.7	7.8	
③ AP bluePRO 200/2/G40H A1CM(T)5		26.6	25.4	23.8	21.9	19.6	16.7	12.7	6.6



Characteristic curves according to UNI/EN ISO 9906

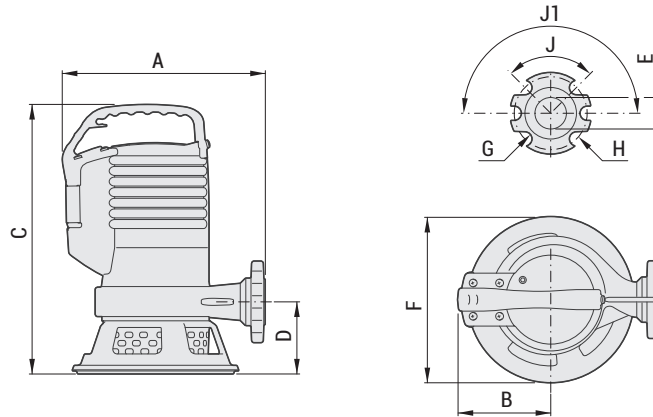
Technical data

	V	Phases	P1 (kW)	P2 (kW)	A	Rpm	Start	Cable	Ø	Free passage
① AP bluePRO 100/2/G40H A1CM5	230	1	-	0.74	5.5	2900	Dir	3G1	G 1½"-DN32	-
② AP bluePRO 150/2/G40H A1CM5	230	1	-	1.1	7.5	2900	Dir	3G1	G 1½"-DN32	-
③ AP bluePRO 200/2/G40H A1CM5	230	1	-	1.5	10	2900	Dir	3G1	G 1½"-DN32	-

	V	Phases	P1 (kW)	P2 (kW)	A	Rpm	Start	Cable	Ø	Free passage
① AP bluePRO 100/2/G40H A1CT5	400	3	-	0.74	2.7	2900	Dir	4G1	G 1½"-DN32	-
② AP bluePRO 150/2/G40H A1CT5	400	3	-	1.1	3.2	2900	Dir	4G1	G 1½"-DN32	-
③ AP bluePRO 200/2/G40H A1CT5	400	3	-	1.5	4.3	2900	Dir	4G1	G 1½"-DN32	-

AP bluePRO 2/G40H

Overall dimensions and weights



	A	B	C	D	E	F	G	H	J	J1	kg
AP bluePRO 100/2/G40H A1CM(T)5	270	130	365	95	G 1½"	220	14	90	90°	180°	19
AP bluePRO 150/2/G40H A1CM(T)5	270	130	365	95	G 1½"	220	14	90	90°	180°	24
AP bluePRO 200/2/G40H A1CM(T)5	270	130	365	95	G 1½"	220	14	90	90°	180°	26

Dimensions in mm

Packaging dimension



	X	Y	Z
AP bluePRO 100/2/G40H A1CM(T)5	300	250	400
AP bluePRO 150/2/G40H A1CM(T)5	300	250	440
AP bluePRO 200/2/G40H A1CM(T)5	300	250	440

Dimensions in mm

Hydraulic performance data

For quick, easy reference

DG blue

	0	1	2	3	4	5	6	7
	0	60	120	180	240	300	360	420
	0	3.6	7.2	10.8	14.4	18.0	21.6	25.2
DG blue 40/2/G40V A1BM5	6.0	5.2	4.0	2.8	1.7			
DG blue 50/2/G40V A1BM5	7.6	6.7	5.5	4.2	2.9	1.6		
DG blue 75/2/G40V A1BM5	10.1	9.5	8.5	7.2	5.7	4.2	2.6	
DG blue 100/2/G40V A1BM5	11.6	11.2	10.2	9.1	7.6	6.0	4.3	2.7

DR blue

	0	1	2	3	4	5
	0	60	120	180	240	300
	0	3.6	7.2	10.8	14.4	18.0
DR blue 40/2/G32V A1BM5	7.0	6.3	5.1	3.6		
DR blue 50/2/G32V A1BM5	9.5	8.4	7.0	5.1	2.7	
DR blue 75/2/G32V A1BM5	12.0	10.8	9.3	7.3	5.0	
DR blue 100/2/G32V A1BM5	14.2	13.3	11.9	10.3	8.0	4.5

DG bluePRO

	0	1	2	3	4	5	6	7	8	9	10	11	12
	0	60	120	180	240	300	360	420	480	540	600	660	720
	0	3.6	7.2	10.8	14.4	18.0	21.6	25.2	28.8	32.4	36.0	39.6	43.2
DG bluePRO 50/2/G40V A1BM(T)5	7.0	6.0	4.9	3.6	2.4	1.1							
DG bluePRO 75/2/G40V A1BM(T)5	10.2	9.1	8.0	6.7	5.5	4.0	2.6						
DG bluePRO 100/2/G40V A1BM(T)5	11.4	10.7	9.8	8.7	7.4	5.9	4.4	2.7					
DG bluePRO 150/2/G50V A1CM(T)5	12.3	11.5	10.7	9.7	8.8	7.6	6.5	5.3	4.4	3.3	2.4		
DG bluePRO 200/2/G50V A1CM(T)5	15.3	14.6	13.7	12.7	11.7	10.6	9.4	8.2	7.1	5.9	4.7	3.5	2.5

DR bluePRO

	0	1	2	3	4	5	6	7	8	9	10	11
	0	60	120	180	240	300	360	420	480	540	600	660
	0	3.6	7.2	10.8	14.4	18.0	21.6	25.2	28.8	32.4	36.0	39.6
DR bluePRO 50/2/G32V A1BM(T)5	8.7	7.9	6.8	5.2	3.4							
DR bluePRO 75/2/G32V A1BM(T)5	12.3	11.3	10.0	8.2	5.3							
DR bluePRO 100/2/G32V A1BM(T)5	14.6	13.5	12.1	10.1	7.4	3.0						
DR bluePRO 150/2/G50V A1CM(T)5	14.4	13.5	12.6	11.8	10.9	9.9	8.9	7.8	6.5	5.0	3.1	
DR bluePRO 200/2/G50V A1CM(T)5	17.0	16.2	15.3	14.3	13.3	12.1	10.9	9.5	8.1	6.6	5.1	3.3

GR bluePRO

	0	1	2	3	4	5
	0	60	120	180	240	300
	0	3.6	7.2	10.8	14.4	18.0
GR bluePRO 100/2/G40H A1CM(T)5	18.0	16.4	14.4	11.5	6.9	
GR bluePRO 150/2/G40H A1CM(T)5	21.7	19.6	17.9	15.1	10.4	3.0
GR bluePRO 200/2/G40H A1CM(T)5	27.0	25.6	23.6	20.7	16.1	9.3

AP bluePRO

	0	1	2	3	4	5	6	7
	0	60	120	180	240	300	360	420
	0	3.6	7.2	10.8	14.4	18.0	21.6	25.2
AP bluePRO 100/2/G40H A1CM(T)5	17.3	16.3	14.9	13.1	10.9	7.8	3.6	
AP bluePRO 150/2/G40H A1CM(T)5	20.9	19.8	18.5	16.7	14.6	11.7	7.8	
AP bluePRO 200/2/G40H A1CM(T)5	26.6	25.4	23.8	21.9	19.6	16.7	12.7	6.6