



better together

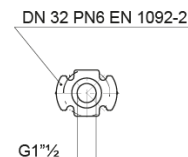
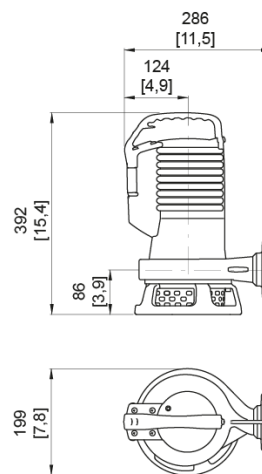
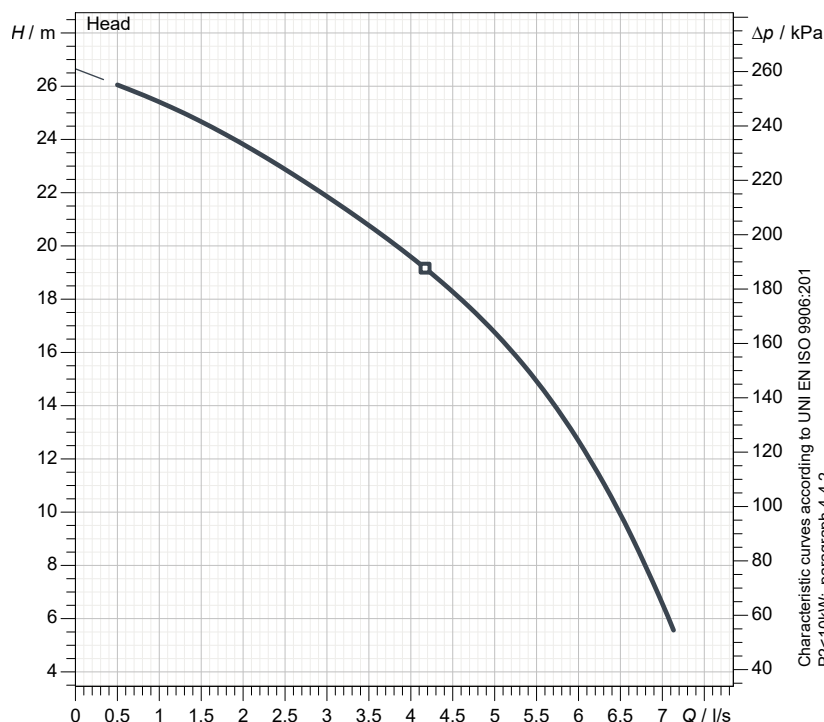
Data sheet

AP BluePRO 200/2/G40H A1CT5

blue
PROFESSIONAL
series

Technical specification

3~ 50 Hz

[mm]
[inch]

Pump

Series	BluePRO series
Pump name	AP BluePRO 200/2/G40H A1CT5
Configuration	NGTRB51040N00CX
Standard	IEC 60079-0, IEC 60079-15
IECEx mark	Ex nA nC IIC T3 Gc

Motor data

Rated voltage	400 V
Frequency	50 Hz
Motor phases	3~
Number of poles	2
Rated power P2	1.50 kW
Incoming power P1	2.17 kW
Rated current	4.30 A
rpm	2900 1/min
cos φ	0.73
Rated torque	4.9 Nm
Start	Direct starting
Degree of protection	IP 68
Insulation class	F

Hydraulic

Type	AP (High head impeller)
Free passage	6 mm
Impeller type	High head impeller
Suction	-
Discharge	DN 32 - G 1 1/2 EN 1092-2
Curve tolerance	UNI EN ISO 9906:2012

Operating limits (standard pumps)

Max. ambient temperature	40 °C
Max. density treated liquid	1100 kg/m³
pH treated liquid	6 ÷ 14
Max. start per hour (equally distributed)	30
Wet/dry use	WET
Max. acoustic pressure level	70 dB
Operating mode	S1 - Continuous use

Construction materials

Case	Cast iron EN-GJL 250
Shaft	Stainless steel AISI 431
Hydraulic	Cast iron - EN-GJL 250
Impeller	Cast iron - EN-GJL 250
Painting/Coating	Bi-epoxy 120 μm
Screws	Stainless steel - Class A2-70
Gaskets	NBR
Foot base (if present)	Cast iron - EN-GJS 600
Strainer	Polypropylene

Construction features

Main cable	4G1
Control cable	-
Cable length	10 mt
Mechanical seals	2 in silicon carbide (2SiC)
Additional drilling	-
Weight*	25 kg
Electrical variant	Thermal protection and relays

* cable and fixing system excluded

Rev. 0 - 16-12-2014

All data shown are not binding. Zenit reserves the right to change data and dimensions without notice.

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Data sheet

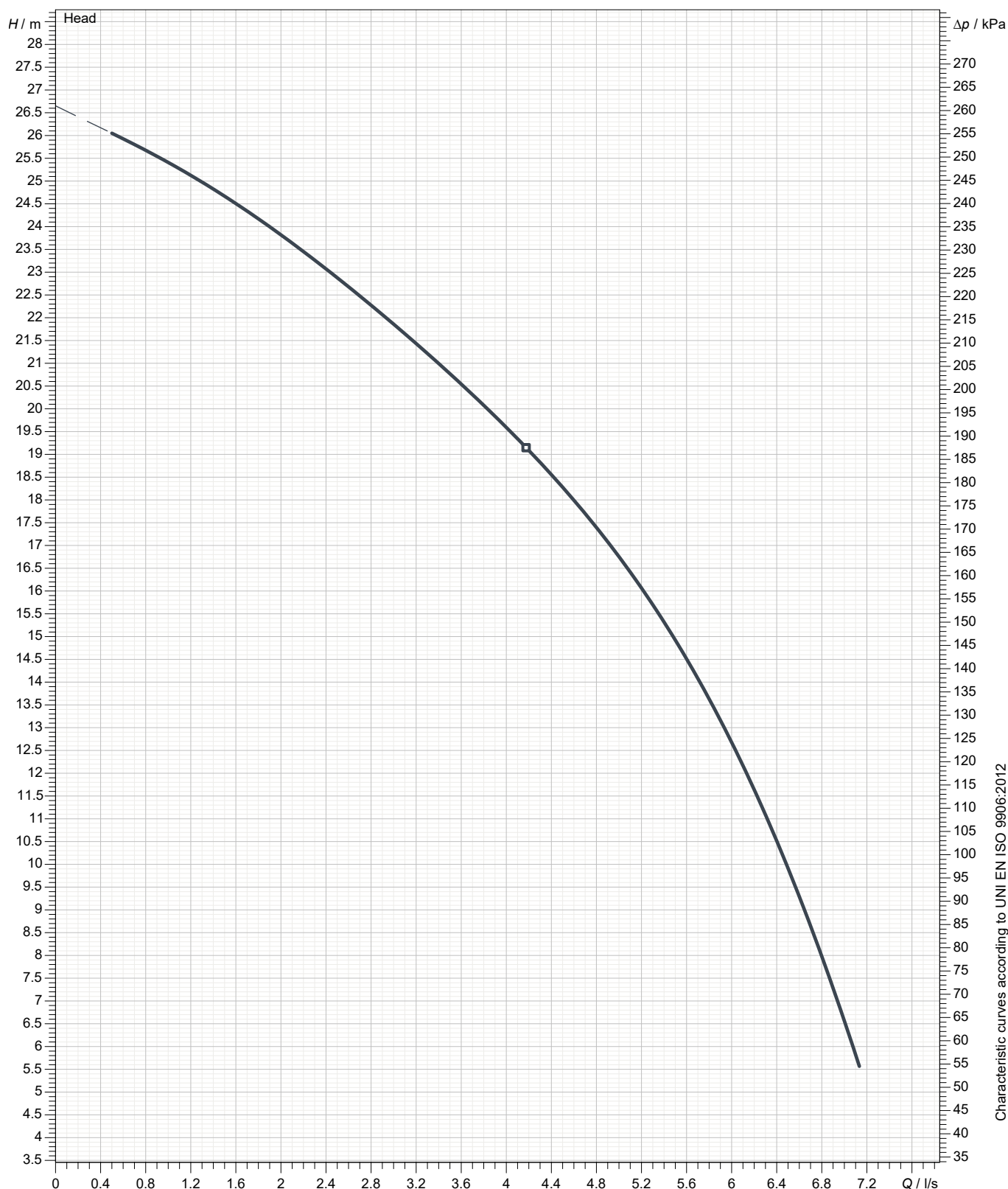
AP BluePRO 200/2/G40H A1CT5

blue
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Pump performance curves

3~ 50 Hz

Hydraulic type AP (High head impeller)		Impeller type High head impeller		Free passage 6 mm	Discharge DN 32 - G 1"1/2	Suction -
DUTY POINT						
Flow	Head	Shaft power P2	Hydraulic efficiency	Density 998.3 kg/m³	Viscosity 1.005 mm²/s	



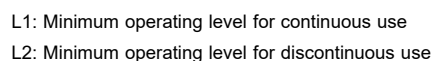
Characteristic curves according to UNI EN ISO 9906:2012
P2<10kW: paragraph 4.4.2
10kW<P2<100kW: Grade 3B
P2>100kW: Grade 2B



3~ 50 Hz

Accessory code * : 9028.010

* Accessory must be ordered separately



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mm
[inch]