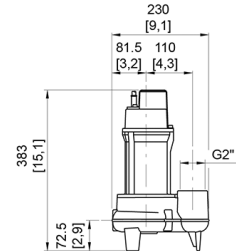
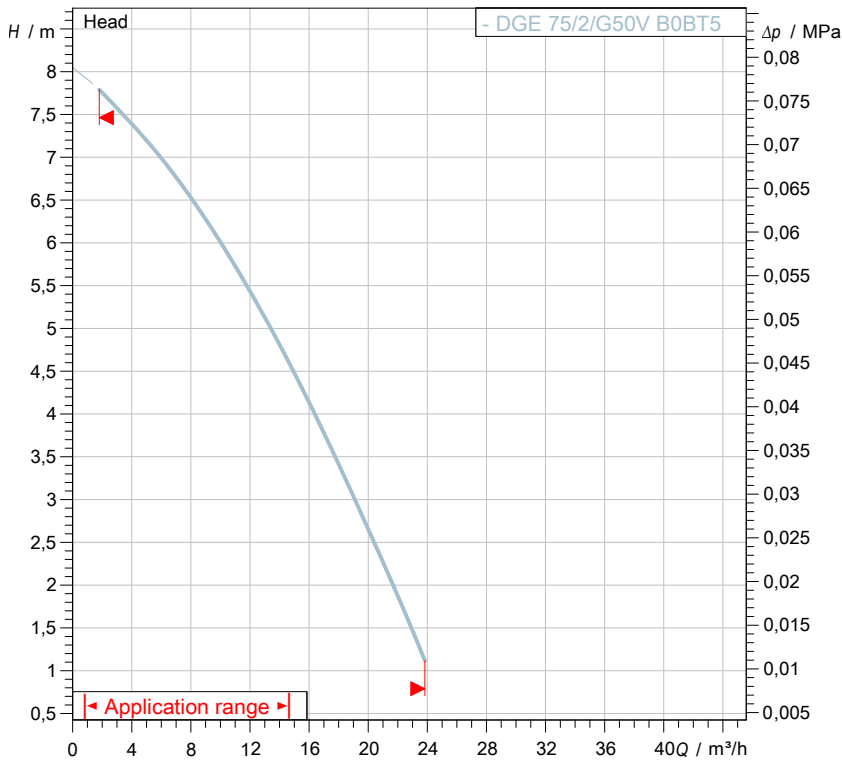




water solutions

Data sheet

SAT-V 75/2/50/D-DGE 75/2/G50VB0BT5**E**
series**Technical specification****3~ 50 Hz**[mm]
[inch]**Pump**

Series	E series
Pump name	DGE 75/2/G50V B0BT5
Configuration	NGNAQ21040N00NN
Standard	EN 809:2009

Motor data

Rated voltage	400 V
Frequency	50 Hz
Motor phases	3~
Number of poles	2
Rated power P2	0,6 kW
Incoming power P1	0,7 kW
Rated current	1,3 A
rpm	2830 1/min
Efficiency	72,2 %
cos ϕ	0,82
Rated torque	1,9 Nm
Start	Direct starting
Degree of protection	IP 68
Insulation class	F

Hydraulic

Type	DG (Set-back Vortex)
Free passage	40 mm
Impeller type	Vortex impeller
Discharge	G 2" -
Curve tolerance	UNI EN ISO 9906:2012

Operating limits (standard pumps)

Max. ambient temperature	40 °C
Max. density treated liquid	1 100 kg/m³
Max. immersion depth	20 m
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 420
Hydraulic	Cast iron EN-GJL 250
Impeller	Cast iron EN-GJL 250
Painting/Coating	Bi-epoxy 80 μ m
Screws	Stainless steel - Class A2-70
Gaskets	NBR

Construction features

Cooling system	No cooling jacket
Main cable	4G1
Control cable	-
Cable length	10 mt
Mechanical seals	1 in silicon carbide and 1 lip seal
Additional drilling	-
Weight*	14 kg
Electrical variant	No electrical device equipped

* cable's weight not included

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

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Data sheet

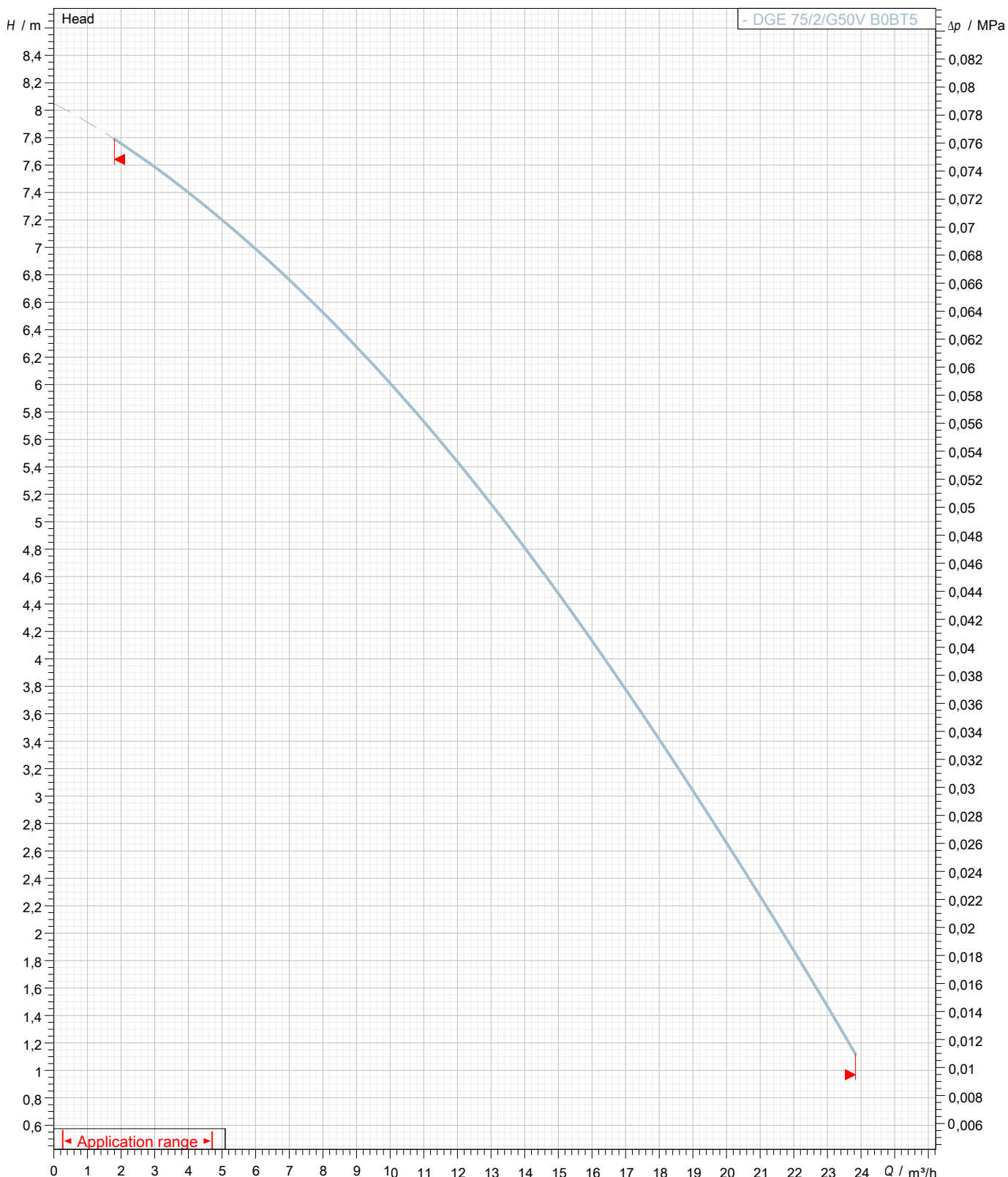
SAT-V 75/2/50/D-DGE 75/2/G50VB0BT5

E series

Pump performance curves

3~ 50 Hz

Hydraulic type DG (Set-back Vortex)	Impeller type Vortex impeller	Free passage 40 mm	Discharge G 2"	Suction -	
DUTY POINT					
Flow	Head	Shaft power P2	Hydraulic efficiency	Density 998,3 kg/m ³	Viscosity 1,005 mm ² /s



Characteristic curves according to UNI EN ISO 9906:2012