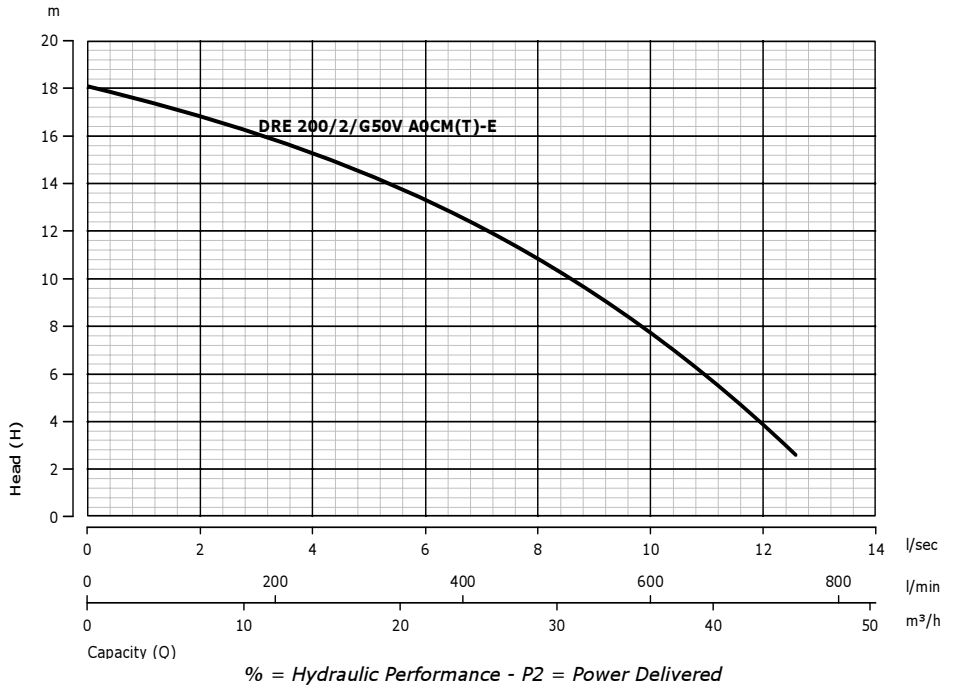
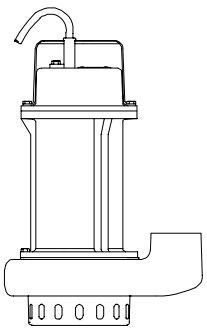
DRE 200/2/G50V A0CT-E

Hydraulic model: **"A"**



% = Hydraulic Performance - P2 = Power Delivered

ACTUAL OUTLINE



Hydraulic type:	
Multi-channel open high performance impeller*	
Power/poles:	
1,5 kW - 2 Poles	
Outlet type:	
2" vertical gas threaded opening	
Explosion-proof:	
Pump in NOT ex-proof version	
Free passage of solid bodies:	
Strainer holes (10x20 mm)	

ELECTRO-MECHANICAL UNIT

Rated delivered power:	1,5 kW	Motor poles/revolutions:	2900 1/min - 2Poles
Rated absorbed power:	2,01 kW	Motor phases:	T - Three-phase
Rated absorbed current:	3,55 A	Service:	S1 submersible or w/sleeve
Starting current:	Not available	Motor protection:	IP 68
Starting torque:	Not available	Insulation class (ICL):	F
Rated Cos Ø:	0,82	Max. Starts per hour:	20
Rated motor performance:	75%	Standard cable type:	10 mt-H07RN-F 4G1
Detailed description of series:	Submersible pumps consisting of a EN-GJL-250 cast iron electromechanical unit intended for submersible operation with 1 mechanical seal and 1 lip seal conventionally installed. Explosion-proof version not available.*		
Standard mechanical seals	1 mechanical graphite alumina (NBR) seal and 1 lip seal		
Lifting:	With handle on motor cover		
Ball bearings:	Upper and lower permanently lubricated ball bearings		
Winding type:	Induction motor with dry winding		
Impregnation type:	Doubly impregnated humidity-resistant winding		
Direction of rotation:	Clockwise seen from top of electric pump		

Data provided above refers to hydraulic tests carried out at: 400 Volt 50 Hz

MATERIALS

Mechanical unit:	EN-GJL-250 cast iron	**Hyd. Unit, impeller:**	EN-GJL-250 cast iron
Shaft:	X6Cr13 (AISI416) steel	**Bolts and Screws:**	INOX A2 steel
Seals (O-Ring):	NBR-SBR rubber	**Grinder cutter:**	Not applicable
****Cooling jacket:**	Not applicable	**Painting:**	Ecological epoxy vinyl

** Cooling jacket supplied upon request in series specified

LIMITS ON USE REFERENCE STANDARDS

Max. operating temp.:	40 °C	**Max. sub. depth:**	20 m
Liquid PH:	6 to 10	**Liquid density:**	1 kg/dm³
Viscosity of liquid:	1 mm²/s	**Max. acoustic press.:**	< 70 dB dB

Reference standards:

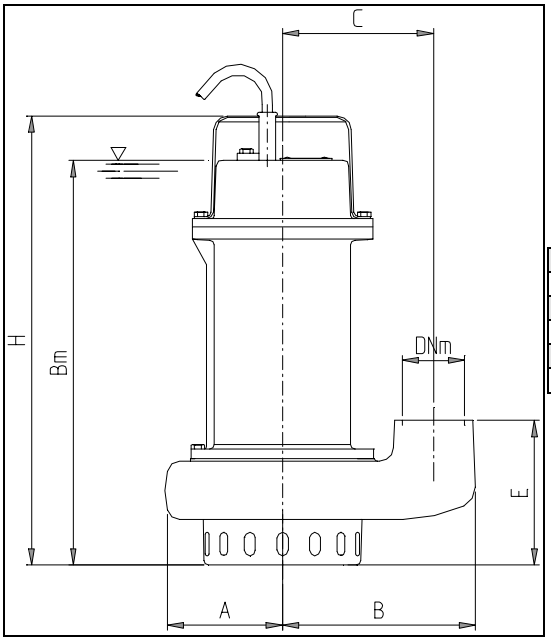
- EN 292-1; EN 292-2; CEI EN 60529; ISO 9906; CEI EN 60034-1.
- CEI EN 60204; UNI ISO 6009; UNI EN 1561-1563; UNI EN 10098.
- Low voltage directive 73/23/CEE.
- Procedures specified by Zenit S.p.a. Quality System, UNI EN ISO 9001 (ISO 9001) certified, DNV n. SQ 0660-IT certified.
- Machines directive 89/392/CEE and successive amendments thereto (directives 91/368/CEE, 93/68/CEE), electromagnetic compatibility directive 89/336/CEE

SYMBOLS

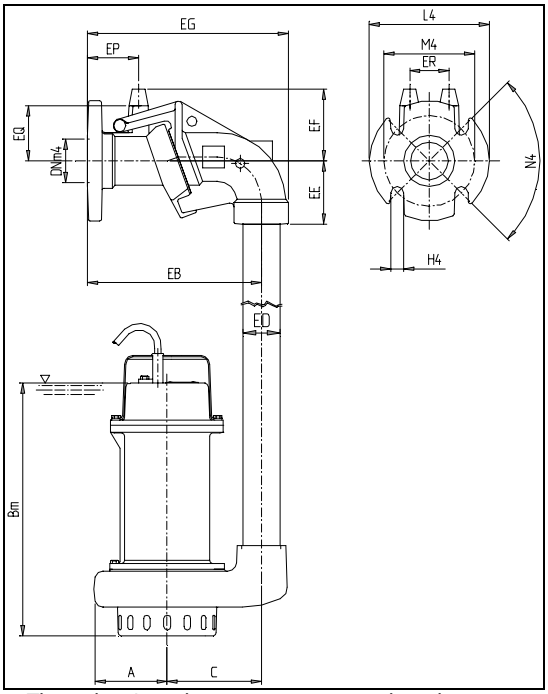
CE — Product complying with European standards in force

Company Quality System complying with UNI ISO norm

VARIANTS AVAILABLE		
	Electrical accessories	
	NAE	No electrical accessories installed
	T	Thermistor
	TRG	Thermistor, relay and float
	TR	Thermistor and relay
	Set of mechanical seals	
	ALM	1 mechanical graphite alumina (NBR) seal and 1 lip seal
	SICM	1 mechanical silicon carbide (Viton) seal and 1 lip seal
	Cooling system / mechanical seal flushing versions*	
	N	No sleeve and/or seal flushing



A	B	Bm	C	DNm	DNm4	E
100	166	347	130	2	2	124
EB	ED	EE	EF	EG	EP	EQ
240	2	87	98.5	278	70.5	75.5
ER	H	H4	L4	M4		
54	385	18	165	125		



• These drawings do not represent actual product appearance. Refer to the outline on the previous page.

Dimensions 'mm' except than: DNm-inches DNm4-inches ED-inches	**Mass:**	21 Kg	**Possible installations:**	I1-I2-I3

*For more information see the descriptive sections