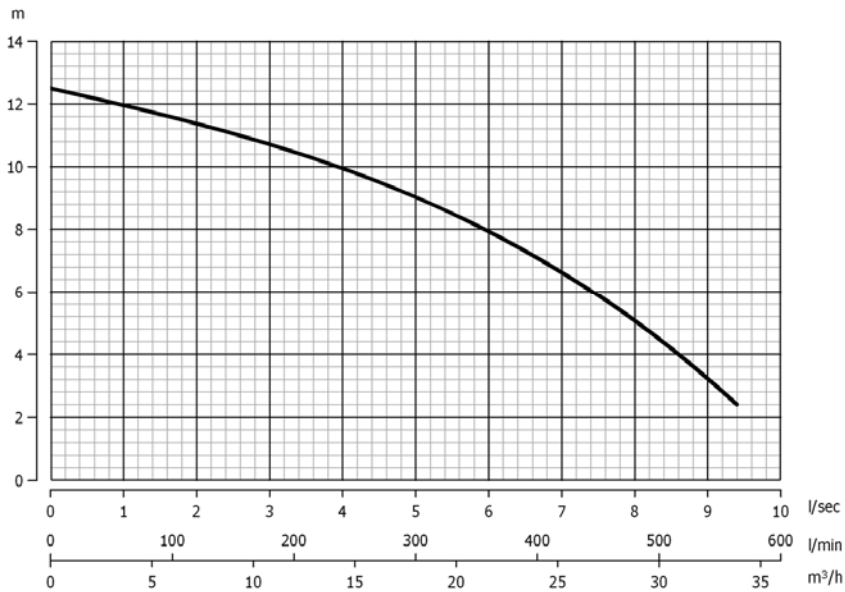
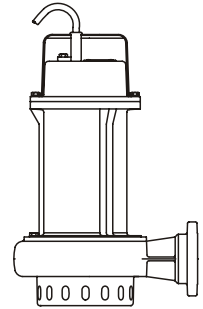


**DRE 100/2/G50H AOCM-E**Hydraulic model:  
"A"

ACTUAL OUTLINE

**Hydraulic type:**

Multi-channel open high performance impeller

**Power/poles:**

0,88 kW - 2 poles

**Outlet type:**

2" horizontal

**Explosion-proof:**

Pump in NOT ex-proof version

**Free passage of solid bodies:**

Strainer holes ( 10x20 mm)

## ELECTRO-MECHANICAL UNIT

Rated delivered power:	0,88 kW	Motor poles/revolutions:	2900 1/min – 2 poles
Rated absorbed power:	1,38 kW	Motor phases:	M - Single-phase
Rated absorbed current:	6,5 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:	0,92	Max. Starts per hour:	20
Rated motor performance:	64%	Standard cable type:	5 mt-H07RN-F 3G1
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 and automatic overload protection		
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: 230 Volt 50 Hz

## MATERIALS

<b>Mechanical unit:</b>	EN-GJL-250 cast iron	<b>Hyd. Unit, impeller:</b>	EN-GJL-250 cast iron
<b>Shaft:</b>	X30Cr13 (AISI420) steel	<b>Bolts and Screws:</b>	INOX A2 steel
<b>Seals (O-Ring):</b>	NBR-SBR rubber	<b>Grinder cutter:</b>	Not applicable
<b>Cooling jacket:</b>	Not applicable	<b>Painting:</b>	Ecological epoxy vinyl

LIMITS ON USE  
REFERENCE STANDARDS

<b>Max. operating temp.:</b>	40 °C	<b>Max. sub. depth:</b>	20 m
<b>Liquid PH:</b>	6 to 10	<b>Liquid density:</b>	1 kg/dm <sup>3</sup>
<b>Viscosity of liquid:</b>	1 mm <sup>2</sup> /s	<b>Max. acoustic press.:</b>	< 70 dB dB
<b>Reference standards:</b>			
<ul style="list-style-type: none"> <li>• EN 292-1; EN 292-2; CEI EN 60529; ISO 9906; CEI EN 60034-1.</li> <li>• CEI EN 60204; UNI ISO 6009; UNI EN 1561-1563; UNI EN 10098.</li> <li>• Low voltage directive 73/23/CEE.</li> <li>• Procedures specified by Zenit Europe s.r.l. Quality System, UNI EN ISO 9001 (ISO 9001) certified, DNV n. SQ 0660-IT certified.</li> <li>• Machines directive 89/392/CEE and successive amendments thereto (directives 91/368/CEE, 93/68/CEE), electromagnetic compatibility directive 89/336/CEE</li> </ul>			

## SYMBOLS



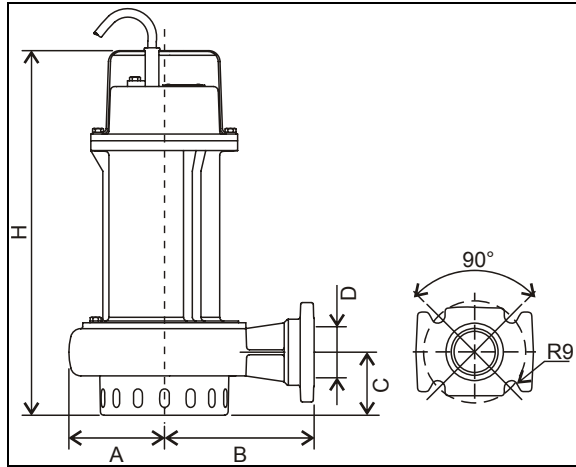
Product complying with European standards in force

Company Quality System complying with UNI ISO norm

Zenit Europe s.r.l.  
Modena – Italy  
www.zenit.com

Rev. 0 - 07/01/2007

<b>VARIANTS AVAILABLE</b>	<b>Electrical accessories</b>	
	<i>TC</i>	Thermistor and capacitor
	<i>TCG</i>	Thermistor, capacitor and float
	<b>Set of mechanical seals</b>	
	<i>ALM</i>	1 mechanical graphite alumina (NBR) seal and 1 lip seal
	<i>SICM</i>	1 mechanical silicon carbide (Viton) seal and 1 lip seal
	<b>Cooling system / mechanical seal flushing versions*</b>	
<i>N</i>	No sleeve and/or seal flushing	



A	B	C	D	H
mm	mm	mm	inch	mm
101	158	67	2	385

	<b>Mass:</b>	19 Kg
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