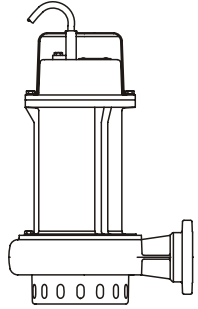


<h1>DRE 200/2/G50V AOCM-E</h1>	Hydraulic model: "A"	
<p>The graph shows a linear relationship between head and flow rate. The y-axis represents head in meters (m) from 0 to 20. The x-axis has three scales: l/sec (0 to 14), l/min (0 to 800), and m³/h (0 to 50). A single curve starts at approximately 18.2 m head at 0 l/min and decreases linearly to about 2.8 m head at 12.5 l/min.</p>	ACTUAL OUTLINE	<p>Hydraulic type: Multi-channel open high performance impeller</p> <p>Power/poles: 1,5 kW - 2 poles</p> <p>Outlet type: 2" horizontal</p> <p>Explosion-proof: Pump in NOT ex-proof version</p> <p>Free passage of solid bodies: Strainer holes (10x20 mm)</p>


ELECTRO-MECHANICAL UNIT	Rated delivered power:	1,5 kW	Motor poles/revolutions:	2900 1/min – 2 poles	
	Rated absorbed power:	2,06 kW	Motor phases:	M - Single-phase	
	Rated absorbed current:	9,3 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:	0,96	Max. Starts per hour:	20	
	Rated motor performance:	73%	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	Mechanical unit:	EN-GJL-250 cast iron	Hyd. Unit, impeller:	EN-GJL-250 cast iron
	Shaft:	X30Cr13 (AISI420) 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

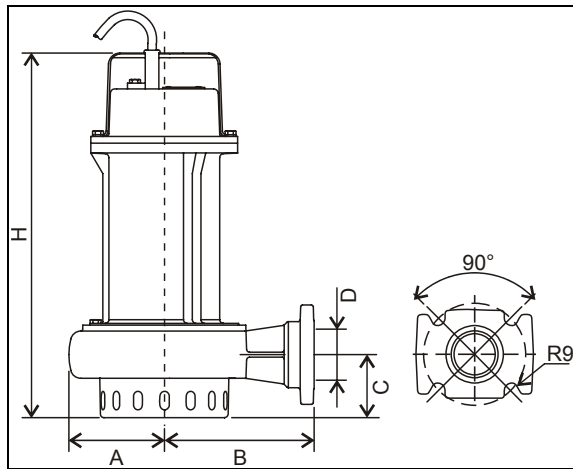
LIMITS ON USE REFERENCE STANDARDS	Max. operating temp.:	40 °C	Max. sub. depth:	20 m
	Liquid PH:	6 to 10	Liquid density:	1 kg/dm³
	Viscosity of liquid:	1 mm²/s	Max. acoustic press.:	< 70 dB dB

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 Europe s.r.l. 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		Product complying with European standards in force Company Quality System complying with UNI ISO norm
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VARIANTS AVAILABLE	Electrical accessories	
	<i>TC</i>	Thermistor and capacitor
	<i>TCG</i>	Thermistor, capacitor and float
	Set of mechanical seals	
	<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
	Cooling system / mechanical seal flushing versions*	
<i>N</i>	No sleeve and/or seal flushing	



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

	Mass:	21 Kg
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