

GRUNDFOS®

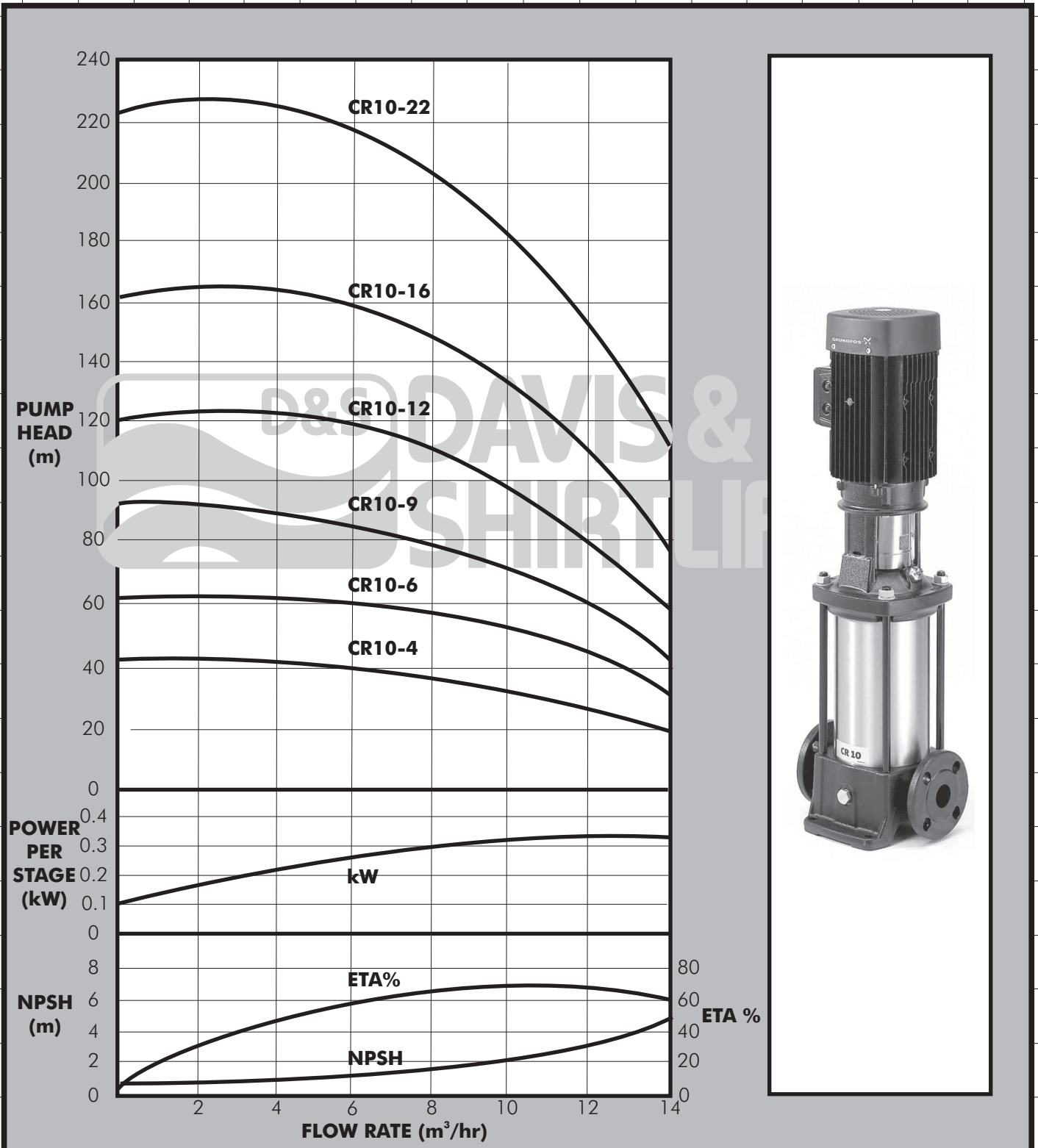
MADE IN DENMARK



DATA SHEET

Multistage Centrifugal Borehole Pumps

CR 10



PUMP

The GRUNDFOS CR pump range are of vertical multistage in-line centrifugal design suitable for a wide range of water supply, irrigation, liquid transfer and boosting applications. The pumps are of heavy duty construction and are designed for continuous duty in commercial and industrial installations. All vital components including the impellers, intermediate chambers and shaft are made from stainless steel and the top and bottom housings from cast iron. The pump is water lubricated and is provided with a tungsten carbide faced mechanical shaft seal.

For aggressive liquids the 'N' version is available which features stainless steel top and bottom pump housings.

MOTOR

The pumps are coupled to a totally enclosed fan cooled 2-pole GRUNDFOS motor complying with IEC & DIN standards. All motors must be connected to an effective motor starter in accordance with local regulations.

Enclosure Class: IP55 **Insulation Class:** F **Voltage:** 3x380-415 V **Speed:** 2900 rpm

OPERATING CONDITIONS

Pumped liquids: Thin, clean, non-aggressive and non-explosive liquids without solid particles or fibres.

Liquid Temperature Range: - 20°C to +120°C

Max Ambient Temperature: +40°C

Max Suction Lift: According to the NPSH curve plus a safety margin of 1 m.

Max Operating Pressure: Models up to CR 10-16 - 16 Bar
CR 10-22 - 25 Bar

ELECTRICAL DATA

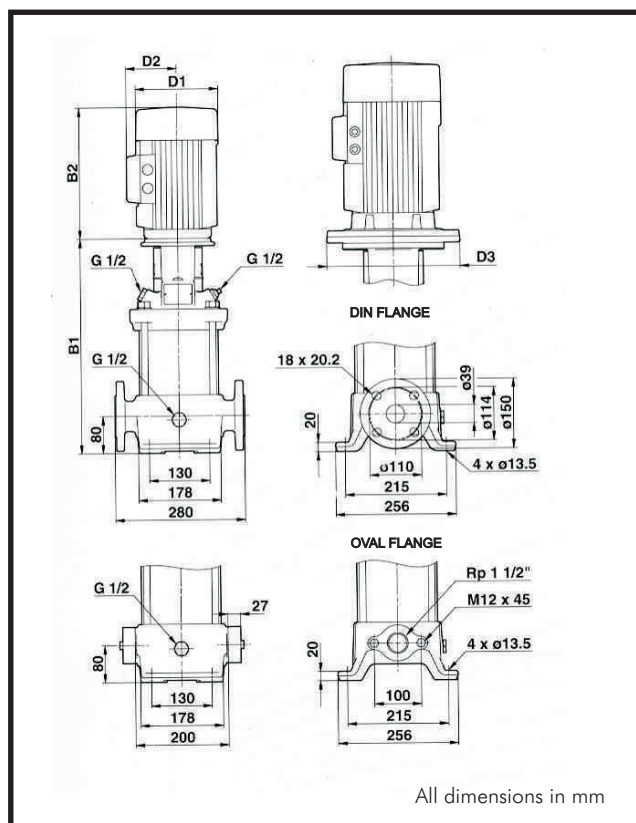
Model	Motor		Full Load Current (A)	I start I
	kW	HP		
CR 10-4	1.5	2.0	3.4	6.6
CR 10-6	2.2	3.0	4.8	7.3
CR 10-9	3.0	4.0	6.4	8.3
CR 10-12	4.0	5.5	8.0	9.1
CR 10-16	5.5	7.5	11.0	9.3
CR 10-22	7.5	10.0	15.2	9.5

DIMENSIONS AND WEIGHTS

Model	Dimensions (mm)						Net Weight (kg)
	B ₁	B ₂	B ₁ +B ₂	D ₁	D ₂	D ₃	
CR 10-4*	423	281	704	178	110	-	43
CR 10-6*	483	281	764	178	110	-	47
CR 10-9*	578	335	913	198	120	-	54
CR 10-12*	668	372	1040	220	134	-	67
CR 10-16**	820	391	1211	220	134	300	92
CR 10-22**	1000	391	1391	220	134	300	105

* CR10 with oval flanges

** CR10 with DIN flanges



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