

VENDOR CATALOG / GRUNDFOS

Grundfos Catalog

CR/CRN inline multistage pumps, DDA/DDE/DME/DMH/DMX dosing pumps, and DID measurement & control — real family-level specs across three product lines.

INLINE MULTISTAGE PUMPS

CR • CRN • CRE • CRNE

Vertical, multistage centrifugal pumps with suction and discharge ports on the same level. CRN's fully AISI 316 stainless construction is the more corrosion-resistant tier vs. CR/CRI's AISI 304.

Line	Wetted Material	Head Max	Max Flow	p max
CR, North America	Cast iron head/base, AISI 304 stainless	1,283 ft	1,770 gpm	580 psi
CRN, North America	AISI 316 stainless (fully)	1,315 ft	1,770 gpm	580 psi
CRE / CRNE	Integrated frequency converter (built-in VFD)	up to 859 / 843 ft	up to 1,080 gpm	up to 435 psi
CRNE-HS / CRN-SF	Cast iron head/base, EN 1.4301 stainless	1,597 ft	157 gpm	up to 725 psi



DIGITAL & MECHANICAL DOSING PUMPS

DDA • DDE • DME • DMH • DMX

Digital diaphragm pumps (internal brushless motor, SMART electronic control) trade pressure ceiling for flow; mechanical diaphragm pumps trade flow for precision high-pressure dosing.

Model	Drive	p max	Max Flow
DDA (SMART Digital Advanced)	Internal brushless motor	232 psi	53 gal/hr
DDE (SMART Digital Essential)	Internal brushless motor	145 psi	53 gal/hr
DME	Internal brushless motor	145 psi	248 gal/hr
DMH	External motor, hydraulically driven	2,901 psi	1.11 gal/hr
DMX	External motor	145 psi	5 gal/hr



MEASUREMENT & CONTROL

DID Measuring Amplifiers & Controllers



DID Sensor Flowcell / Immersion Housing

p max 44 psi · up to 3 sensors per unit

Modular sensor-combo product — customer picks flowcell type (BF1/BF3/BT4/TI1) plus up to 3 sensor parameters from: Conductivity (20–500,000 $\mu\text{S}/\text{cm}$), Free Chlorine (0–2 ppm), Total Chlorine (0–2 ppm), ORP (–2000 to +2000 mV), and pH (0–14). Integrated flow switch confirmed on multiple SKUs.

NEXT STEP

Send LibertyCES the process data, not a part number.

Multistage pumps, digital and mechanical dosing pumps, and measurement/control sensors — real Grundfos model specs, but your actual application still has a specific flow rate, pressure, and dosing precision requirement that determines the correct model.

Fluid, chemistry, flow rate, discharge pressure, dosing precision, and the parameters you need to monitor — that's what a real spec review needs to start.

Request a spec review

james@libertyces.com

(559) 395-5500

libertyces.com