



CM5 Series

COMPACT POWER, BUILT TO ENDURE

Stainless steel cylinder compact/ Improved water- resistant type

Quick overview



Expertise
Passion
Automation

Stainless steel cylinder compact/Improved water-resistant type

RoHS



BENEFITS

- **Reduce installation and design time**
– Integrated stainless steel mounting and accessories
- **Enable robot downsizing** – Compact and lightweight design reduces overall system footprint
- **Enhance reliability in wet environments**
– Special scraper and sealing system provide 4x longer life in case of water droplet exposure.

MAIN FEATURES

Compact and lightweight

Up to 50 % weight reduction compared to CG5-S series. Short length.

NSF-H1 certified grease

Suitable for food machinery (non-food zone).

Stainless steel construction

Cylinder body, brackets, bolts, and accessories.

① Improved water resistance

Special scraper and seal design for 4x durability against current CG5 series.

SELECTED PART NUMBERS

Part number	Stroke	Body type	Piston speed [mm/s]	Allowable kinetic energy [J]	Port size
CDM5B20-□	25, 50, 75, 100, 125, 150, 200, 250, 300	Compact type	50 to 500	0.11	M5 x 0.8
CDM5B25-□				0.18	
CDM5B32-□				0.29	
CDM5B40-□				0.52	
CDM5B20R-□		Improved water-resistant type		0.11	
CDM5B25R-□				0.18	
CDM5B32R-□				0.29	
CDM5B40R-□				0.52	

□ Intermediate strokes not listed above are produced upon receipt of order.

Minimum manufacturable stroke length is 25 mm. Maximum manufacturable stroke length is 300 mm.

APPLICATIONS

Food industry

- Food machinery (non-food zone): ideal for environments requiring NSF-H1 certified grease and stainless steel components
- Packaging lines: compact design and water resistance make it suitable for washdown areas.

General automation/Manufacturing

- General automation: lightweight and durable for repetitive motion
- Material handling: effective in corrosive or wet environments due to improved sealing.

Medical/Pharmaceutical

- Medical/Pharmaceutical machinery: stainless steel and water/corrosion resistant design support hygienic applications.

RELATED PRODUCTS



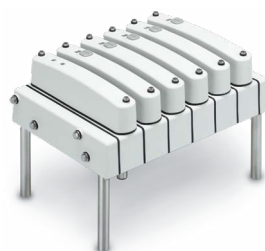
Specialty fitting, 316 stainless steel, male connector
⊕ KFG2H Series



304 stainless steel and electroless nickel plated brass
⊕ KQB2-F Series



Water-resistant solid state auto switch
⊕ D-M9□A Series



Clean design manifold valve
⊕ JSY5000-H Series



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Release EO
FLYER-CM5-A-UK

Specifications are subject to change without prior notice and any obligation on the part of the manufacturer