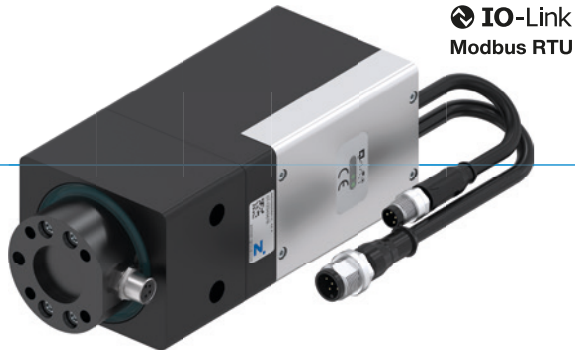


ROTARY MODULES

SERIES REH2000

▶ PRODUCT ADVANTAGES



“The slim”

▶ Can be freely positioned and sensed

Whether used as a standalone drive or in combination with actuators, you'll benefit from fast startup and reliable position sensing at every position.

▶ Integrated media transmission

So you no longer have to worry about increased wear caused by twisted cables and undefined interference contours.

▶ Control via IO-Link and Modbus RTU

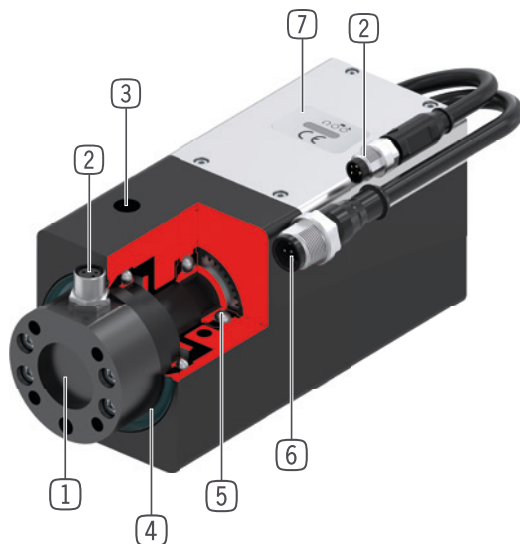
Whether you rely on IO-Link with unshielded standard industrial cables or prefer Modbus RTU, the choice is yours.

▶ SERIES CHARACTERISTICS

Installation size		Variants	
REH20XXN		IL-43	MB-43
 IO-Link		•	
 Modbus RTU			•
 5 million maintenance-free cycles (max.)		•	•
 Integrated sensing		•	•
 Positionable		•	•
 Continuously variable positions		•	•
 Adjustable swivel angle		•	•
 Electrical feed-through		•	•
 IP 54		•	•



► BENEFITS IN DETAIL



- ① **Intake flange**
 - partial mounting circle in accordance with EN ISO 9409-1
- ② **Energy transmission**
 - For cable free signal and power transmission
 - no cables are subjected to torsion
- ③ **Mounting and positioning**
 - mounting possible from several sides for versatile positioning
- ④ **Shaft seal**
 - For use in harsh environmental conditions
- ⑤ **Double-bearing output shaft**
 - high forces and moments capacity
- ⑥ **Control**
 - Control via IO-Link and Modbus RTU
- ⑦ **Integrated control system**
 - Compact, no space required in the control cabinet

► TECHNICAL DATA

	Nominal torque	Torque max.	Weight	IP class
Installation size REH2006	0.3 Nm	0.9 Nm	0.85 kg - 0.87 kg	IP54

► FURTHER INFORMATION IS AVAILABLE ONLINE

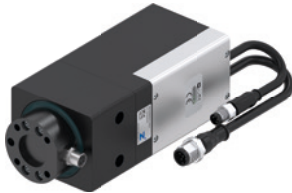


All information just a click away at: www.zimmer-group.com. Find data, illustrations, 3D models and operating instructions for your installation size using the order number for your desired product. Quick, clear and always up-to-date.

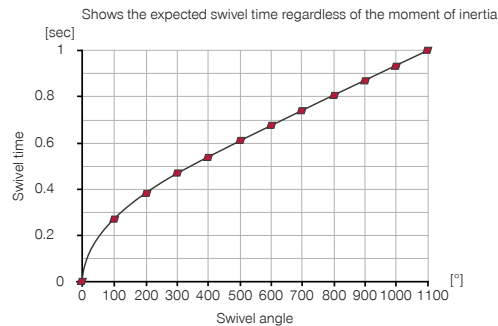
ROTARY MODULES

INSTALLATION SIZE REH2006

▶ PRODUCT SPECIFICATIONS



▶ Rotation time diagram



▶ Forces and moments

Shows static forces and moments



Mx [Nm]	2.5
Fa [N]	140

▶ RECOMMENDED ACCESSORIES



CONNECTIONS / OTHER



DGZ2006-16-A
Axis compensation module



KAG500B4
Plug-in connector Straight Cable 5m - female connector M8



CONNECTIONS / OTHER



10-Link

KAG500IL
Plug-in connector straight 5 m - plug, female connector M12

Order no.	► Technical data	
	REH2006N-IL-43-A	REH2006N-MB-43-A
Control	IO-Link	Modbus RTU
Positionable	Yes	Yes
Position sensing using process data	Yes	Yes
Rotation angle [°]	unlimited	unlimited
Nominal torque [Nm]	0.3	0.3
Torque max. [Nm]	0.9	0.9
Moment of inertia max. [kgcm ²]	4	4
Nominal speed [rpm]	250	250
Jaw speed in positioning mode [rad/s ²]	95	95
Positioning delay [rad/s ²]	95	95
Repetition accuracy +/- [°]	0.02	0.02
Positioning accuracy +/- [°]	0.2	0.2
Electrical energy transfer	4-pin, 2 A / 60 V	4-pin, 2 A / 60 V
Control time [s]	0.055	0.055
Voltage [V]	24	24
Current consumption max. [A]	2	2
Operating temperature [°C]	5 ... +80	5 ... +60
Certifications	CE / UKCA / LABS / REACH / RoHS	CE / UKCA / LABS / REACH / RoHS
Protection to IEC 60529	IP54	IP54
Weight [kg]	0.87	0.85

