



WITTENSTEIN

cyber motor

## cyber<sup>®</sup> special motors radiation environment

reliable  
precise  
efficient

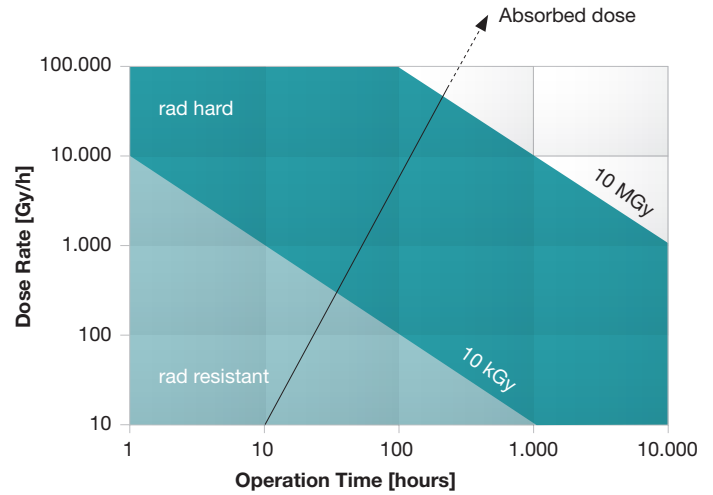


# Your Application:

- Inspection and maintenance tools in nuclear reactor fuel channels
- Nuclear fuel handling machines
- Control rod drive mechanisms
- Decommissioning of nuclear power stations
- Hot cell nuclear power stations
- Gripper arm of robots
- Medical equipment with radioactive materials
- Scientific laboratory applications
- Valve actuation in containment

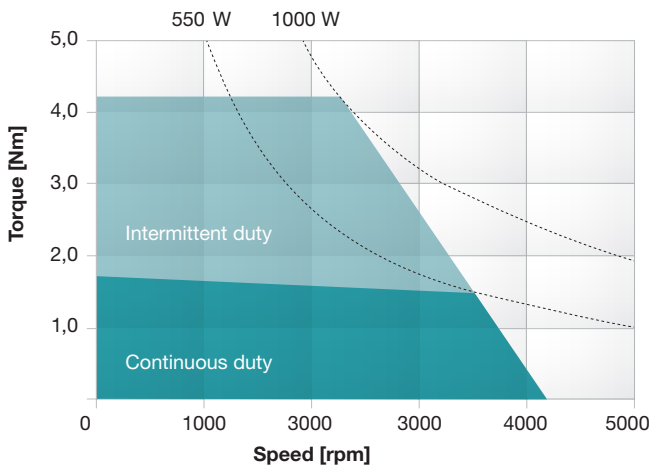
# Our Motors:

- The brushless servo motors for radiation environment provide outstanding reliability and precision.
- cyber® rad hard motors excel in high total absorbed radiation doses, featuring a high-grade stainless steel housing and specialized materials.
- cyber® radiation resistant motors exclude certain materials for use in low radiation fields.

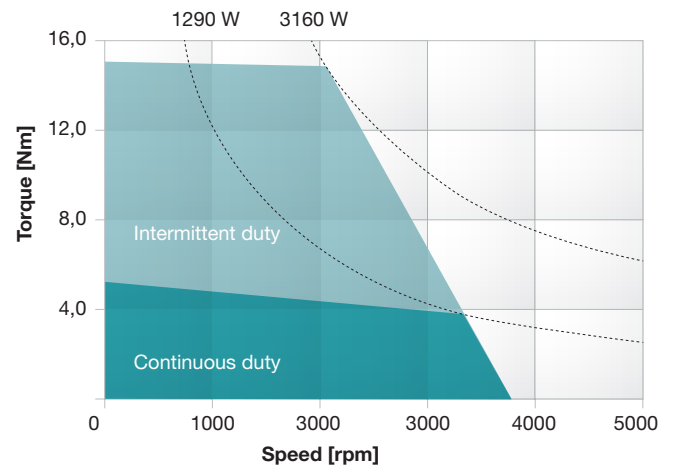


	rad resistant	rad hard
Outer diameter of housing	70 / 100 mm	
Absorbed dose	10 kGy	10 MGy
Dose rate	10 kGy/h	100 kGy/h
Neutron fluence	-	$10^9$ neutrons/(cm <sup>2</sup> sec)
Housing	Stainless steel	
Ambient temperature	60 °C	
DC-Voltage	320 V	
Feedback system	Resolver	
Options	Gearbox, Brake	

MRSR064-045



MRSR094-060



**WITTENSTEIN – one with the future**

[www.wittenstein-us.com](http://www.wittenstein-us.com)

WITTENSTEIN, Inc.  
1249 Humbracht Circle · Bartlett, IL 60103, USA  
Tel. +1 630 540-5300 · [info@wittenstein-us.com](mailto:info@wittenstein-us.com)