

# Technical data

## GDiR250XS2-200-G2S1

Parameter	Value	Unit
Rated Force (Linear)	117	N
Peak Force (Linear)	500	N (5% duty)
Rated Current (Linear)	2	Arms
Peak Current (Linear)	9	A
Pole pitch (Linear)	60	mm
Force constant (Linear)	56	N/A
BEMF constant (Linear)	32,35	Vrms/m/sec
Phase-Phase resistance	11,6	ohm
Phase-Phase inductance	15	mH
Rater Torque (Rotary)	2,4	Nm
Peak Torque (Rotary)	10	Nm
Rate Current (Rotary)	2	Arms
Peak Current (Rotary)	8	A
Voltage constant	88	V/krpm
Torque constant	1,46	Nm/A
Phase-Phase resistance	8,3	ohm
Phase-Phase inductance	18	mH
Nominal Speed (Rotary)	3000	rpm

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