

Technical data

GD160..

PARAMETER	UNIT	SYMBOL	GD160D	GD160T	GD160Q
Rated Force	N	Fr	12,7	18,0	23,5
Peak Force	N	Fp	83,0	118,0	153,0
Pole pitch	mm	pp	60	60	60
Force constant	N/A	Fc	21	32	43
Position repeatability	mm	Pr	0,025	0,025	0,025
Slider diameter	mm	D	16	16	16
Slider weight	Kg/m	Sw	1,4	1,4	1,4

GD250..

PARAMETER	UNIT	SYMBOL	GD250DS	GD250TS	GD250QS	GD250XS
Rated Force	N	Fr	37	50	62	109
Peak Force	N	Fp	240,5	325,0	403,0	708,5
Pole pitch	mm	pp	60	60	60	60
Force constant	N/A	Fc	27	39	52	52
Position repeatability	mm	Pr	0,025	0,025	0,025	0,025
Slider diameter	mm	D	25	25	25	25
Slider weight	Kg/m	Sw	3,5	3,5	3,5	3,5

GD350..

PARAMETER	UNIT	SYMBOL	GD350TS	GD350XS	GD350ES
Rated Force	N	Fr	89	191	269
Peak Force	N	Fp	578,5	1241,5	1748,5
Pole pitch	mm	pp	60	60	60
Force constant	N/A	Fc	49	73	75
Position repeatability	mm	Pr	0,025	0,025	0,025
Slider diameter	mm	D	35	35	35
Slider weight	Kg/m	Sw	5,9	5,9	5,9

For detailed information about motor parameter, please use the Datasheet Engine tool.

Link: [Datasheet Engine](#)

From:

<https://dokuwiki.nilab.at/> - NiLAB GmbH

Knowledgebase

Permanent link:

https://dokuwiki.nilab.at/doku.php?id=green_drive_motors:technical_data

Last update: **2023/09/21 07:15**

