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

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