Technical data

PARAMETER	UNIT	SYMBOL	NL040Q	NL040X	NL080Q	NL080X	NL120Q	NLi20X
Rated Force	N	Fr	0.6	1.08	4.8	8,6	20.6	39,0
Peak Force	N	Fp	3.9	7.02	31.2	56,2	137,3	247,1
Pole pitch	mm	pp	18	18	30	30	60	60
Force constant	N/A	Fc	2	2	2	2	12	12
Position repeatability	mm		0.009	0.009	0,015	0,015	0,029	0,029
Slider diameter	mm	D	4	4	8	8	12	12
Slider weight	Kg/m		0.09	0.09	0,35	0,35	0,78	0,78
Rated current	A		0.3	0.54	2.4	2.44	1.8	3.3
Phase resistance	Pres	ohm	15.7	7.85	2.43	4.86	5.96	2.98
Phase inductance	Pind	mH	1.2	0.6	0.3	0.6	3.02	1.51

For detailed information about motor parameter, please use the Datasheet Engine tool considering the motor code without “i”.
Link: Datasheet Engine

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