

Technical data

| PARAMETER | UNIT | SYMBOL | NLi080Q | NLi080X | NLi120Q | NLi120X |
|------------------------|------|--------|---------|---------|---------|---------|
| Rated Force | N | Fr | 4,8 | 8,6 | 20,6 | 39,0 |
| Peak Force | N | Fp | 31,2 | 56,2 | 137,3 | 247,1 |
| Pole pitch | mm | pp | 30 | 30 | 60 | 60 |
| Force constant | N/A | Fc | 2 | 2 | 12 | 12 |
| Position repeatability | mm | | 0,015 | 0,015 | 0,029 | 0,029 |
| Slider diameter | mm | D | 8 | 8 | 12 | 12 |
| Slider weight | Kg/m | | 0,35 | 0,35 | 0,78 | 0,78 |

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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