Technical data - Electrical data

LM 030 Series

PARAMETER	UNIT	SYMBOL	LM030P-1215	LM030P-2415
Rated Force	N	Fr	150	300
Peak Force	N	Fp	440	880
Pole pitch	mm	pp	32	32
Force constant	N/A	Fc	58	58
Max speed	m/s	Vn	7,8	7,8
Rated current	A	In	2.6	5.2
Peak current	A	Ip	7	14
Back EMF	V/rms/m/s	Ke	34.6	34.6
Phase resistance	ohm	Rph	5.6	2.8
Phase inductance	mH	Lph	31	16

LM 050 Series

PARAMETER	UNIT	SYMBOL	LM050P-1215	LM050P-2415
Rated Force	N	Fr	280	560
Peak Force	N	Fp	650	1300
Pole pitch	mm	pp	32	32
Force constant	N/A	Fc	97	97
Max speed	m/s	Vn	4.6	4.6
Rated current	A	In	2.6	5.8
Peak current	A	Ip	8	17
Back EMF	V/rms/m/s	Ke	57.5	57.5
Phase resistance	ohm	Rph	7.6	3.8
Phase inductance	mH	Lph	51	26

LM 075 Series

PARAMETER	UNIT	SYMBOL	LM075P-1215	LM075P-2415
Rated Force	N	Fr	440	880
Peak Force	N	Fp	1000	2000
Pole pitch	mm	pp	32	32
Force constant	N/A	Fc	145	145
Max speed	m/s	Vn	3	3
Rated current	A	In	3.1	6.2
Peak current	A	Ip	8.4	17
Back EMF	V/rms/m/s	Ke	84	84
Phase resistance	ohm	Rph	10	5
Phase inductance	mH	Lph	74	27

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