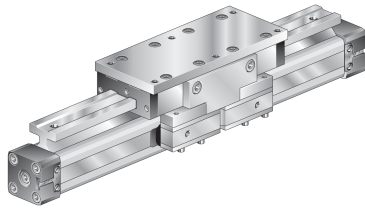


rodless magnetic cylinder with slide and accessoires series RLFG



RLFG

16 ø16
25 ø25
32 ø32
40 ø40

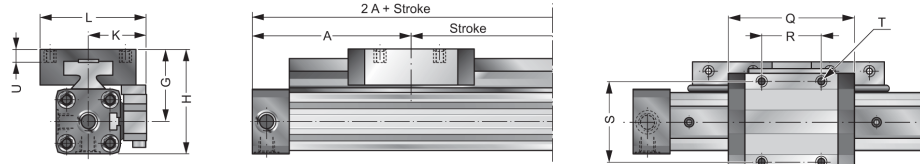
stroke [mm]

O standard
V viton seals

design	rodless magnetic cylinder with slide
heads	hard-anodized aluminum
carriage	hard-anodized aluminum
cylinder tube	aluminum profile hard anodized
seals volumes	stainless steel
cushions	pneumatic, adjustable
ambient temperature	-15°C...+80°C
medium temperature	0°C...+40°C
lubrication	not necessary
medium	filtered compressed air
operating pressure	0,5...8 bar
information	CAD files are available on the STASTO Store under www.stasto.eu magnetic switch see separate datasheet

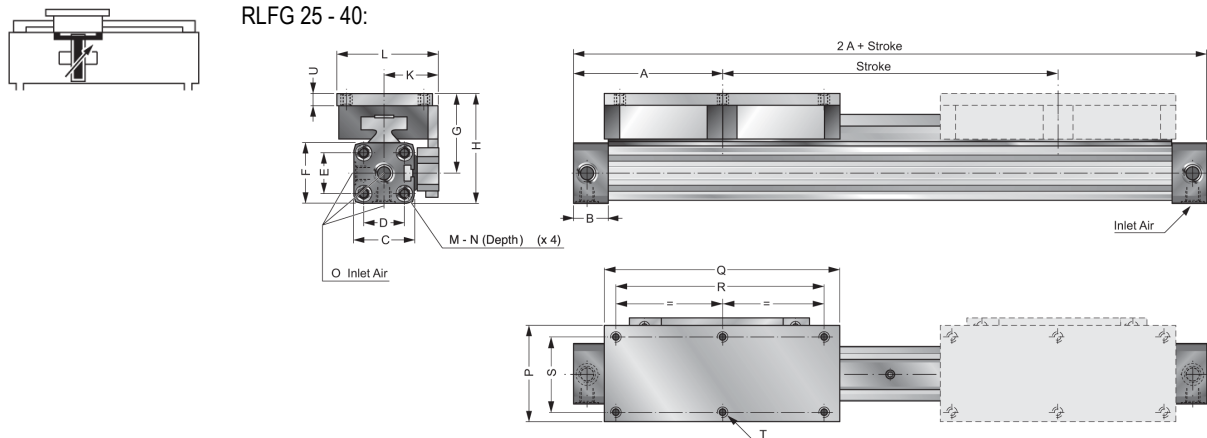
dimension

RLFG 16:



Stroke = stroke

RLFG 25 - 40:

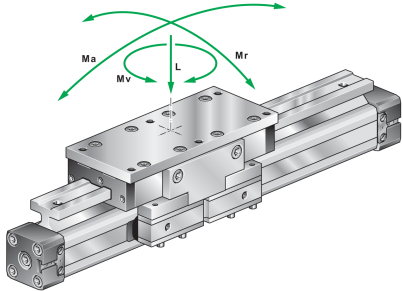


Ø	A	B	C	D	E	F	G	H	K	L	M	N	O	P	Q	R	S	T	U	cushion length	type
16	65	15	27	18	18	27	44	57,5	27,5	51	M3	7	M5	47	68	30	38	M5	8	15	RLFG 16-.... ..
25	100	23	40	27	27	40	56,5	76,5	38	71	M5	11	G1/8	66	162	148	53	M6	8	21	RLFG 25-.... ..
32	125	27	52	36	40	52	62,5	88,5	52,5	84	M6	14	G1/4	66	162	148	53	M6	8	26	RLFG 32-.... ..
40	150	30	69	54	54	72	66,9	102,8	61	96	M6	23	G1/4	70	162	148	53	M6	8	32	RLFG 40-.... ..

forces and torques

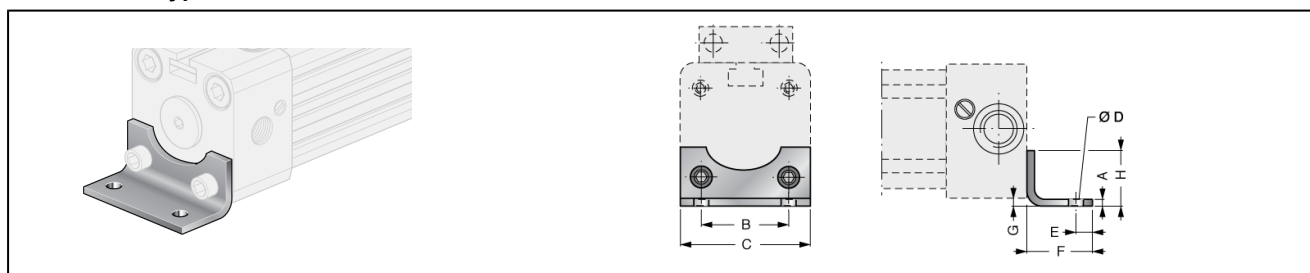
the resulting forces and torques can be calculated with the following formula:

$$\frac{M_a}{M_{a \max}} + \frac{M_r}{M_{r \max}} + \frac{M_v}{M_{v \max}} + \frac{L}{L_{\max}} \leq 1$$

	Ø	longitudinal force [N] at 6 bar	max. load L [N]	Ma axial [Nm]	Mr radial [Nm]	Mv central [Nm]
	16	110	350	6	4	6
	25	250	1000	40	14	40
	32	420	2000	68	24	68
	40	640	2800	103	37	103

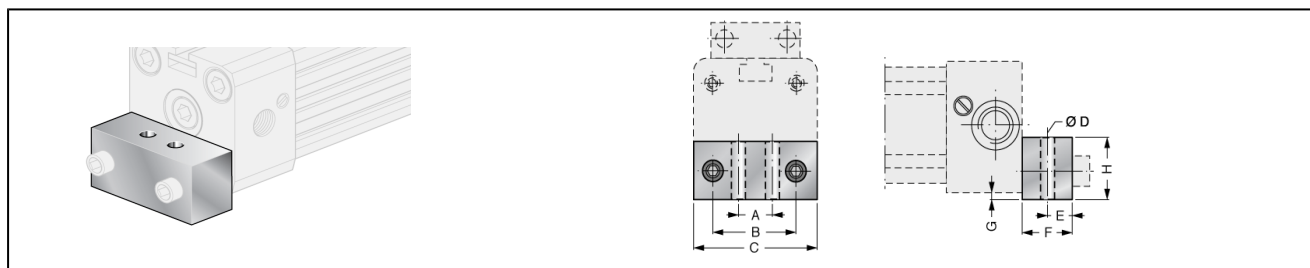
accessories

RLP - .. feet-type bracket



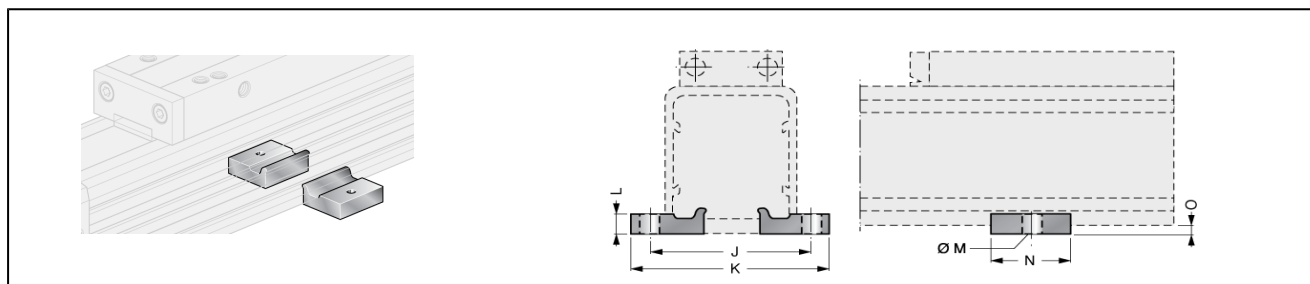
Ø	A	B	C	ØD	E	F	G	H	type
16	1,6	18	26	3,6	4	14	1,5	12,5	RLP-16
25	2,5	27	40	5,5	6	22	2	18	RLP-25

RLQ - .. feet-type bracket



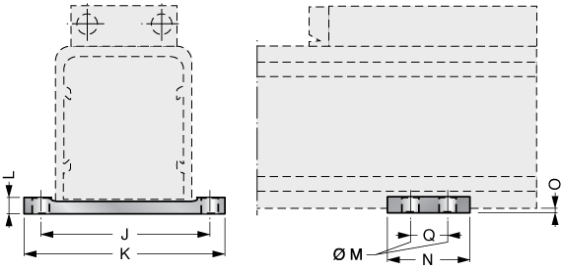
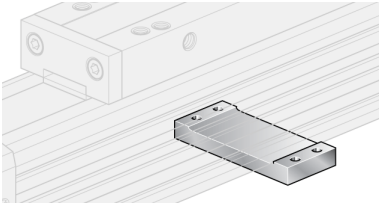
Ø	A	B	C	ØD	E	F	G	H	type
32	20	36	51	6,6	6	24	4	20	RLQ-32
40	30	54	71	9	11,5	24	2	20	RLQ-40

RLMI - .. bearing brackets



Ø	J	K	L	ØM	N	O	type
16	36	40	6	3,5	12	3	RLMI-16
25	48	60	6	5,5	20	4	RLMI-25

RLMU - .. bearing bracket

								
Ø	J	K	L	ØM	N	O	Q	type
32	61	73	10	6,5	55	6	40	RLMU-32
40	70	85	10	6,5	60	7,2	45	RLMU-40

illustrations are non-binding
all designs, configurations, measurements and materials are subject to change without prior notice