

SERIES GR02F - WIDE TYPE PNEUMATIC GRIPPER



Pressures

bar	∅	10	16	20	25	32
	min	1,5		1		
	max	6		6		



Reference Standard

1907/2006
REACH ✓

2011/65/CE
RoHS ✓

SILICON
FREE



Temperature

- 10°C
+ 60 °C



Effective gripping force at 5 bar

∅	5 bar				
	10	16	20	25	32
N	14	45	74	131	228



Sensors recommended

DC 03 PM8 - DC 03 P2M - DC 04 PM8 - DC 04 P2M
DC 05 PM8 - DC 05 P2M

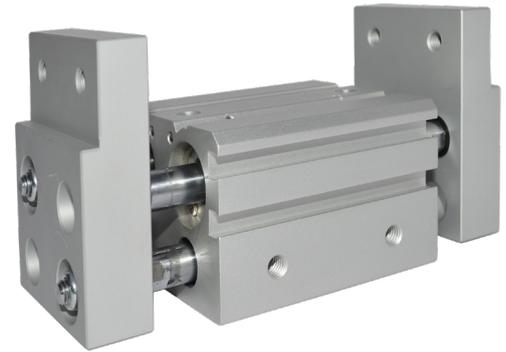


Adapter for sensors

DC 10 001

CHARACTERISTICS

Fluids	Air (Lubrication not necessary).
Body	Anodized Aluminum alloy
Piston rod	Anodized Aluminum alloy
Seals	NBR



Series

G R 0 2 F

Double Acting Magnetic

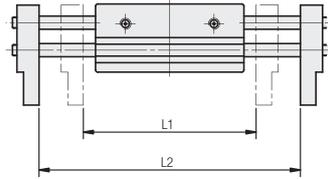
∅ mm

0 1 0

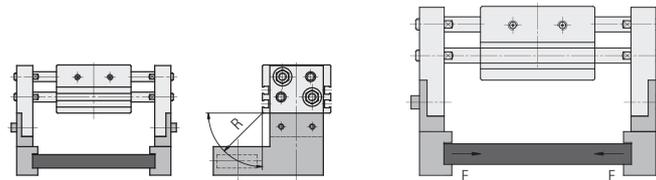
010
016
020
025
032

Movement tolerance

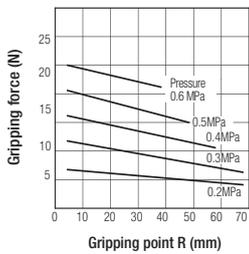
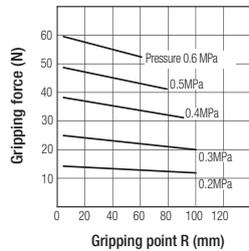
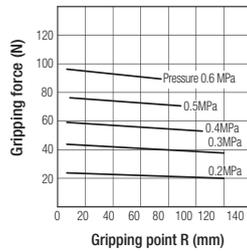
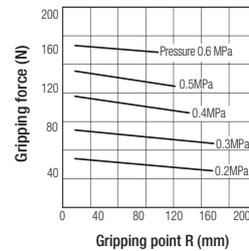
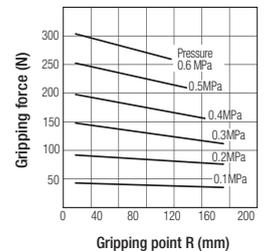
± 0,2



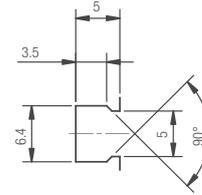
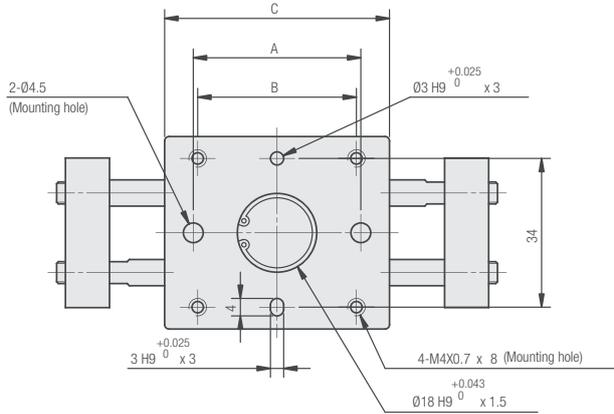
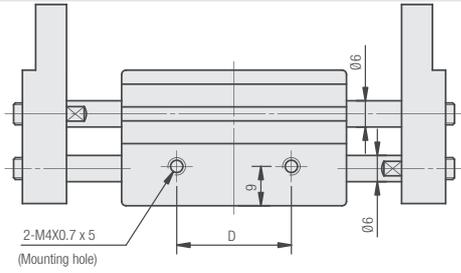
Ø	Max operating frequency c.p.m	Opening/closing stroke (mm)		Width at closing (mm)	Width at opening (mm)	Weight (g)
		L2-L1	L1	L2		
10	60	20	56	76	280	
16	60	30	68	98	585	
20	60	40	82	122	1025	
25	60	50	100	150	1690	
32	30	70	150	220	2905	

Gripping point


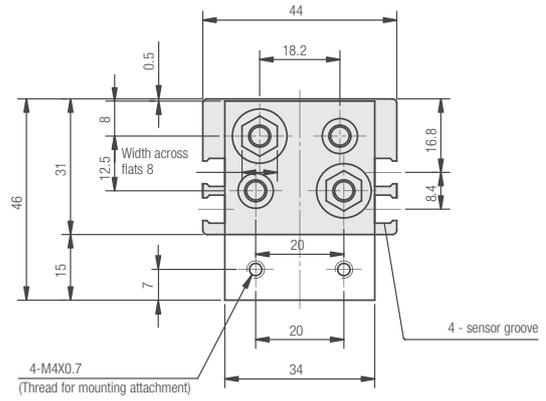
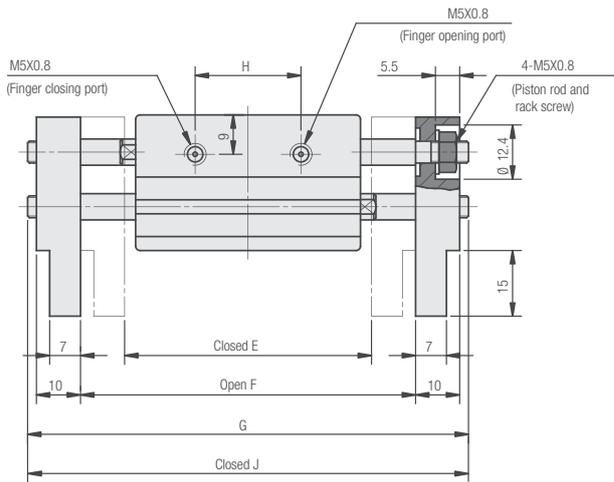
R : gripping point mm
 1N ≈ 0.102 kgf
 1MPa ≈ 10.2 kgf/cm²

GR02F 010

GR02F 016

GR02F 020

GR02F 025

GR02F 032


GR02F 010

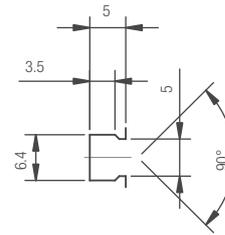
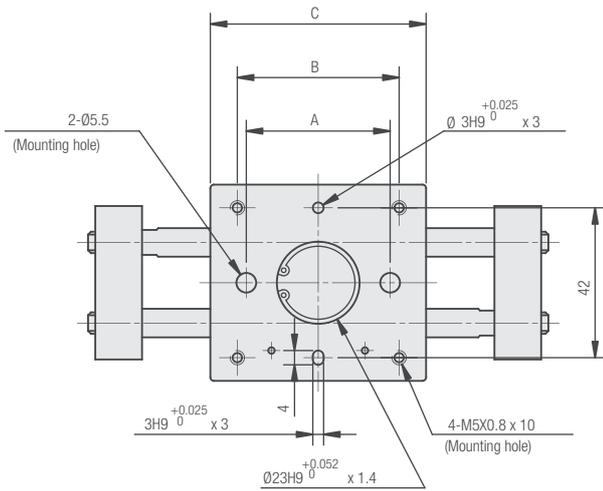
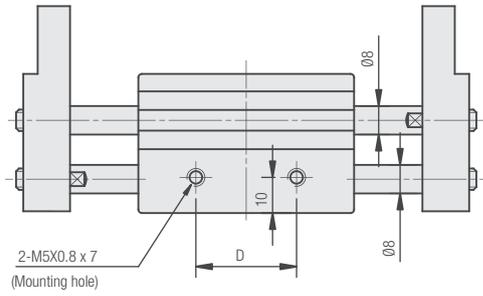


Sensor groove dimensions

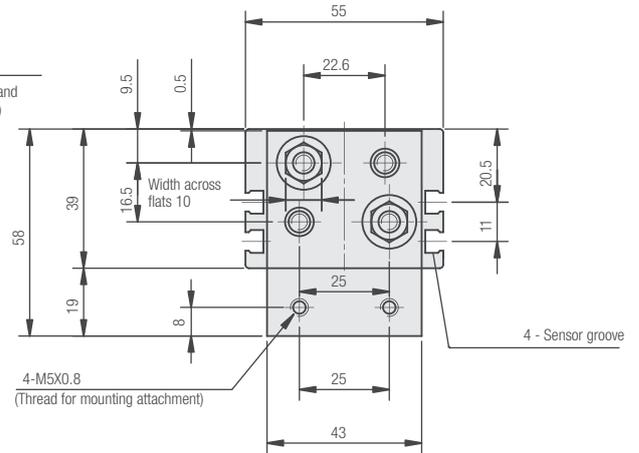
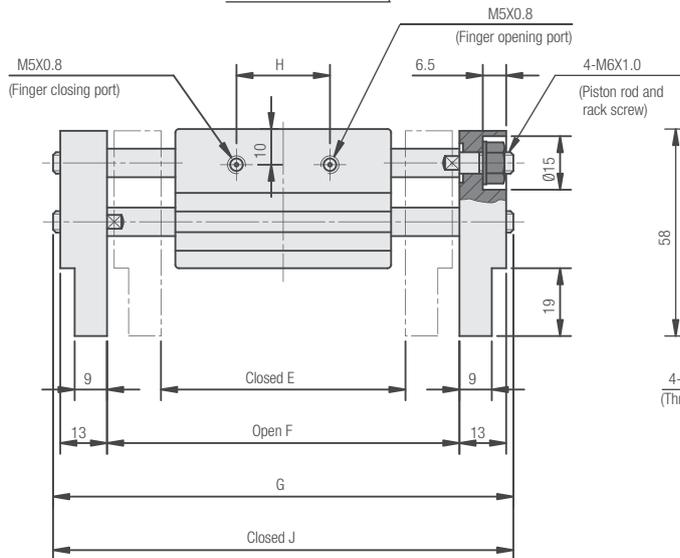


A	B	C	D	E	F	G	H	J
38	36	51	26	56	76	100	24	80

GR02F 016

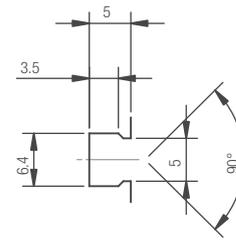
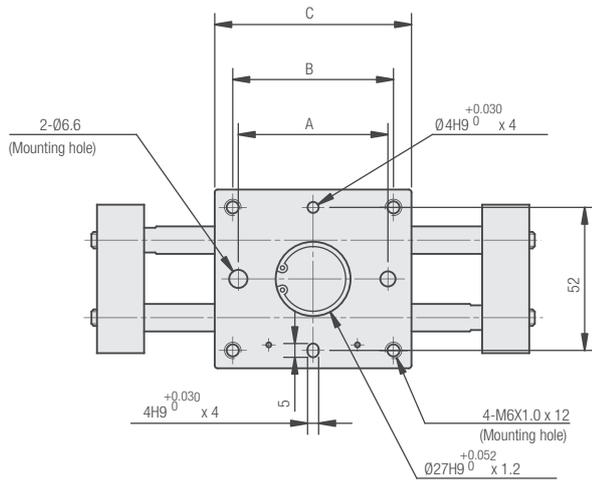
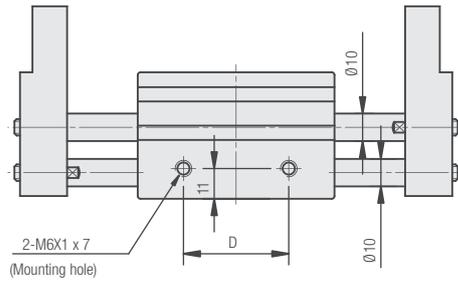


Sensor groove dimensions

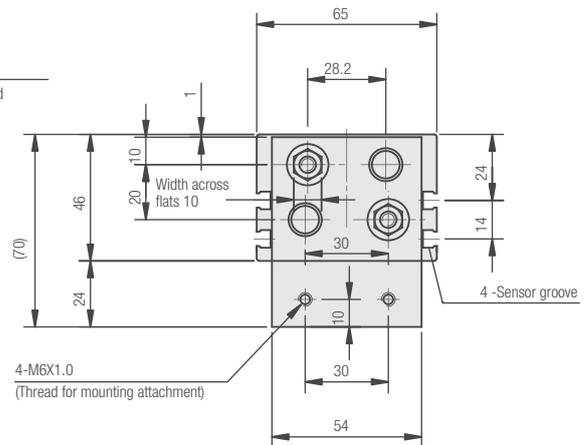
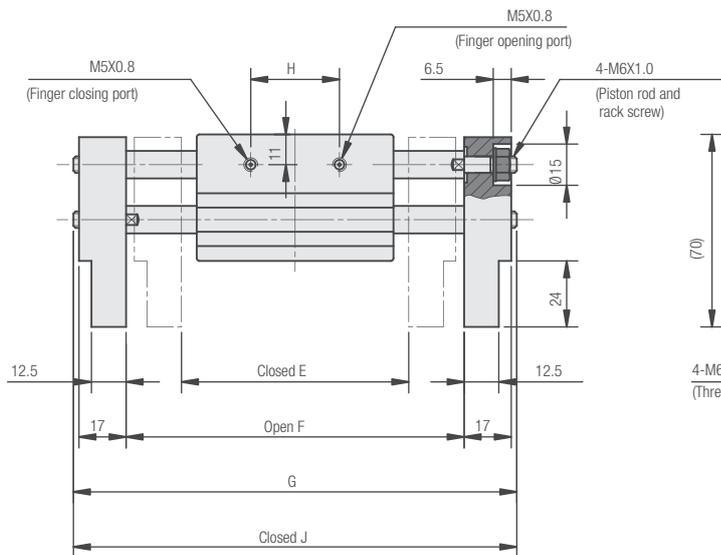


A	B	C	D	E	F	G	H	J
40	45	60	28	68	98	128	26	98

GR02F 020

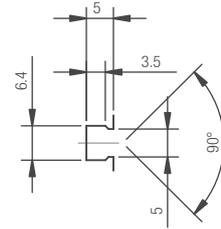
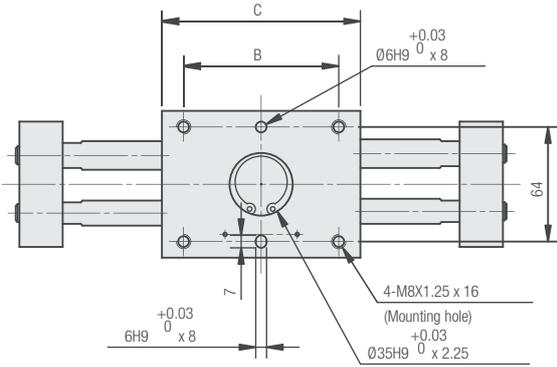
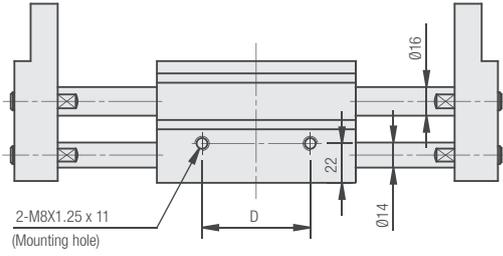


Sensor groove dimensions

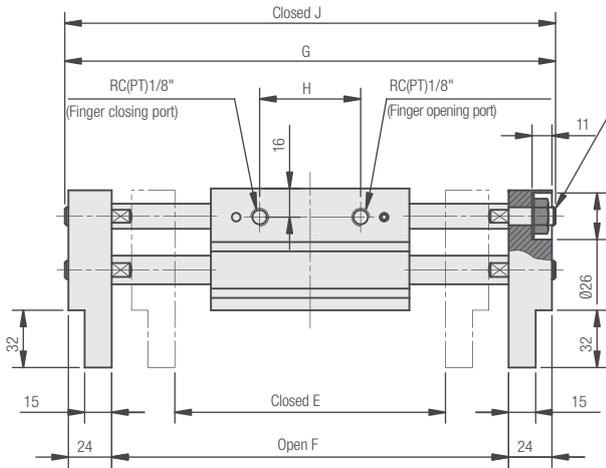


A	B	C	D	E	F	G	H	J
54	58	71	38	82	122	160	32	120

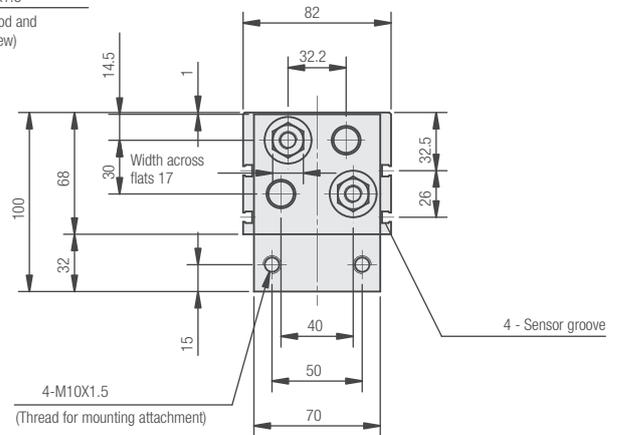
GR02F 032



Sensor groove dimensions



4-M10X1.5
(Piston rod and
rack screw)



B	C	D	E	F	G	H	J
86	110	60	150	220	272	56	202