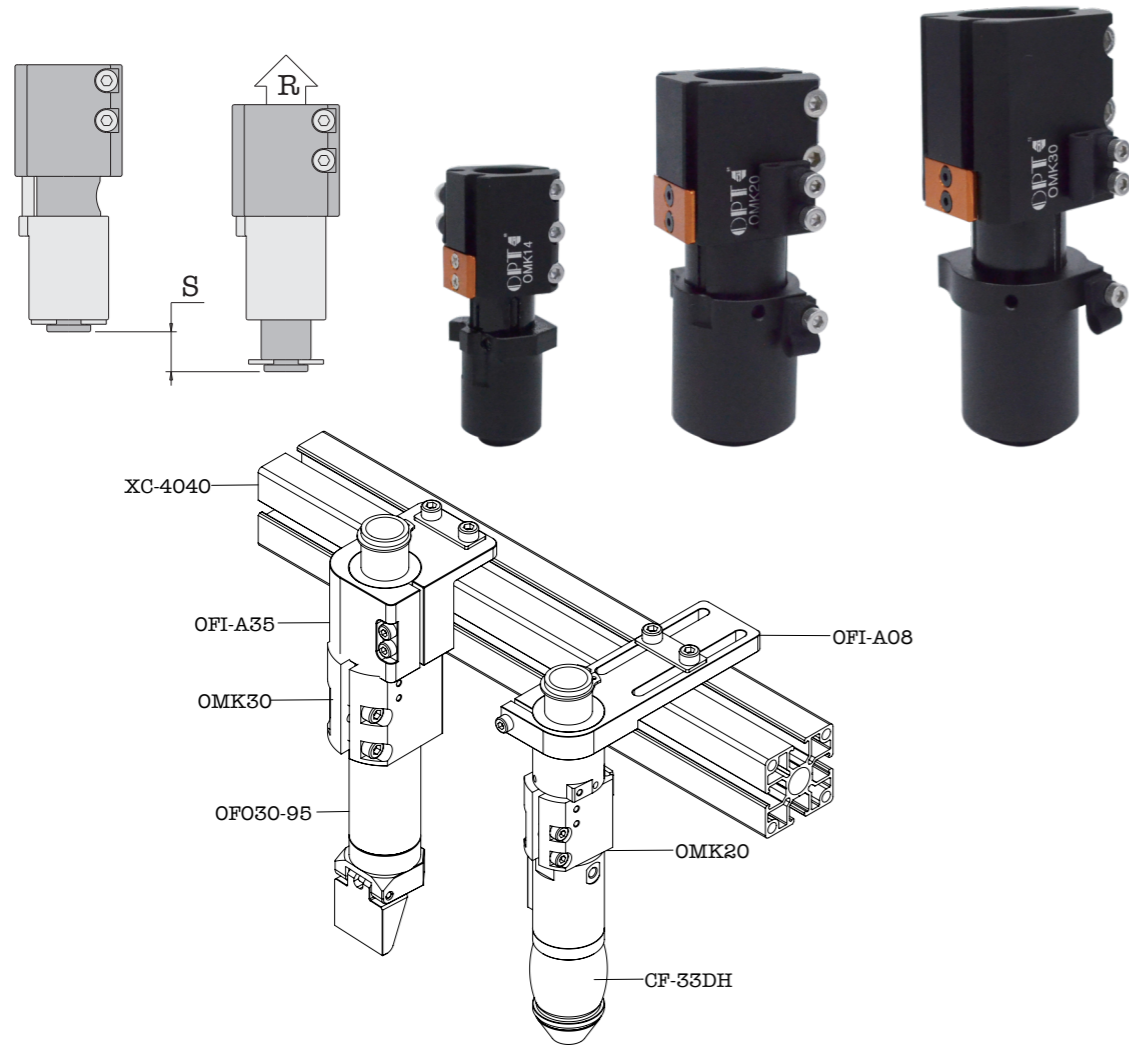
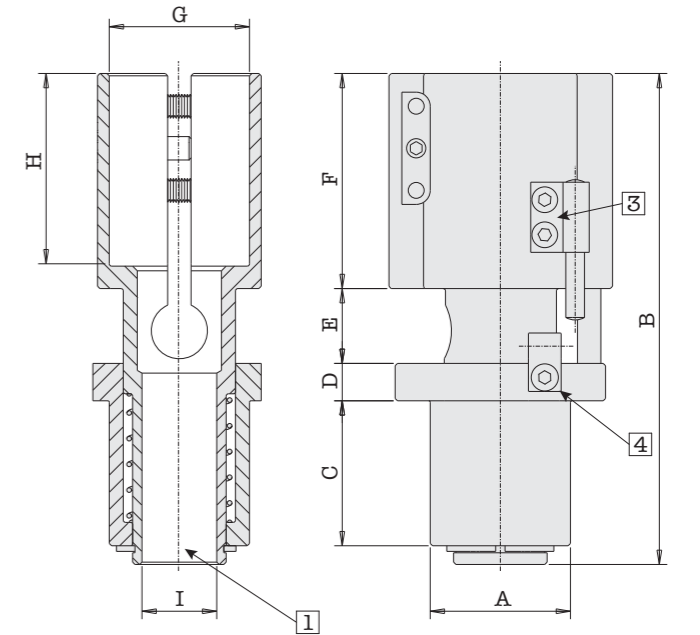
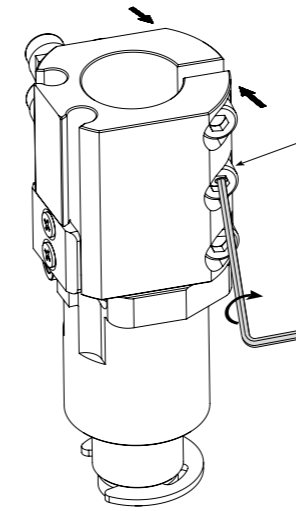


Non-rotative universal suspensions

- For all actuators and brackets with 14mm, 20mm and 30mm tang.
- With through hole for air hoses
- Clamp mounting
- Optional magnetic sensor.
- Optional inductive sensor (not for OMK14).
- FDA-H1 food-grade grease.



Model	Spring reaction force	Suspension stroke	(Weight)	Price(yuan)
OMK14	5 ÷ 6 N	10 mm	55g	
OMK20	7 ÷ 10 N	13 mm	160g	
OMK30	7 ÷ 10 N	16 mm	250g	



E Suspension stroke

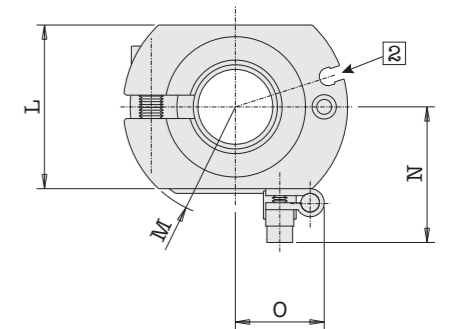
1 Through hole for hoses

2 Slot for magnetic sensor

3 Inductive sensor fastening bracket (not for VMK14)

4 Bracket for metal pin (not for VMK14)

5 Grub screw for clamp opening

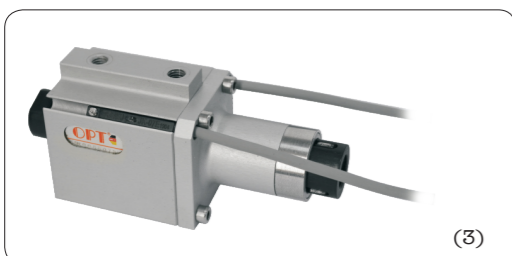


FIRST ANGLE PROJECTION

Model	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)	L (mm)	M (mm)	N (mm)	O (mm)
OMK14	Ø20	67	21	5	10	28	Ø14	14	Ø6	22	Ø27	22	16
OMK20	Ø30	86	27	7	13	35	Ø20	31.5	Ø16	30	Ø37	26.5	16.5
OMK30	Ø30	105	31	8	16	46	Ø30	41.2	Ø16	35	Ø48	29	19

Vacuum stroke cylinder, with non-rotative through hole rod and mounting stud

- Double-effect.
- Three sizes available.
- Through hole for vacuum cup feeding (4).
- Three grooves with balls for non-rotative rod (1).
- Clampable stud for mounting by MFI products (2).
- Optional magnetic sensors (3).
- FDA-H1 food-grade grease.



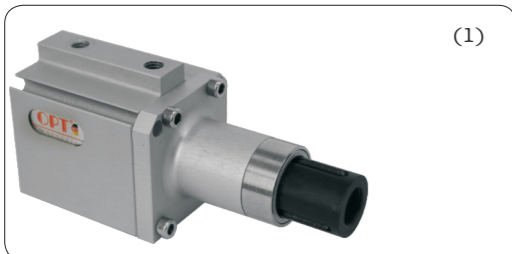
(3)



(4)



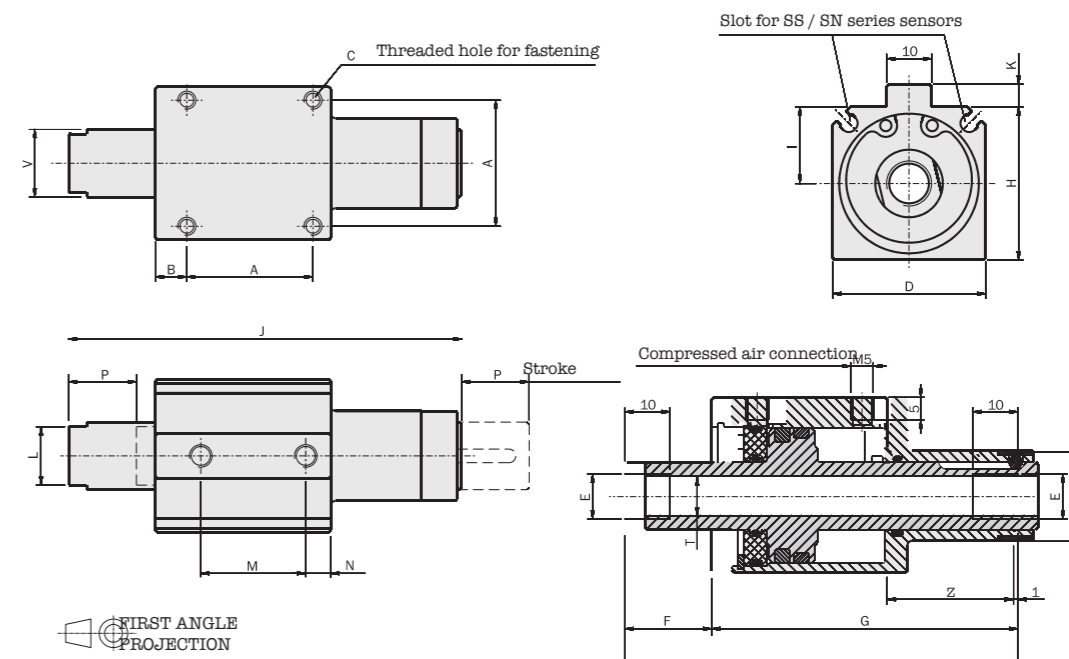
(2)



(1)

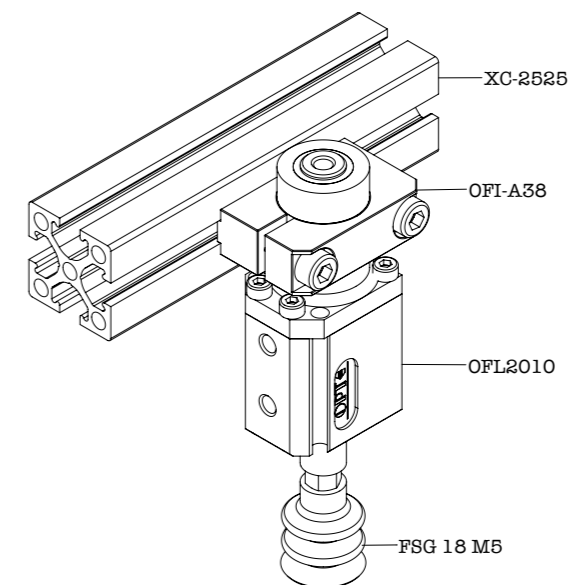


Model	Medium	Pressure range	Temperature range	Stroke	Piston bore	Closing / opening force at 6 bar	Cycle air consumption	Minimum actuating time		
OFL2010	Filtered, lubricated / non-lubricated compressed air	2 ÷ 8 bar	5° ÷ 60 °C	10mm	20mm	130N	4.7cm ³	0.02s	60g	
OFL3015		2 ÷ 8 bar	5° ÷ 60 °C	15mm	30mm	300N	1.6cm ³	0.06s	110g	
OFL3030		2 ÷ 8 bar	5° ÷ 60 °C	30mm	30mm	300N	3.2cm ³	0.15s	140g	

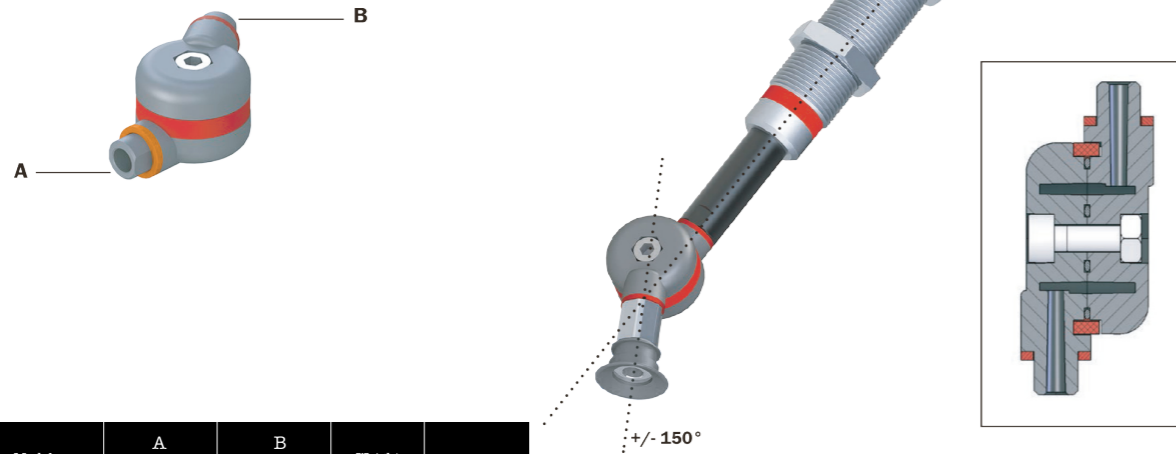


Model	A (mm)	B (mm)	C (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)	J (mm)	K (mm)	N (mm)	P (mm)	T (mm)	V (mm)	Z (mm)
OFL2010	19	9	M3x4	24	24	59	25	13	74.2	4	8	16	Ø4.2	Ø10	28
OFL3015	28	7	M4x6	34	34	68	34	17	87.2	5	13	23.3	Ø8.8	Ø15	28
OFL3030	28	7	M4x6	34	34	91	34	17	125.2	5	13	38.3	Ø8.8	Ø15	36

Application example

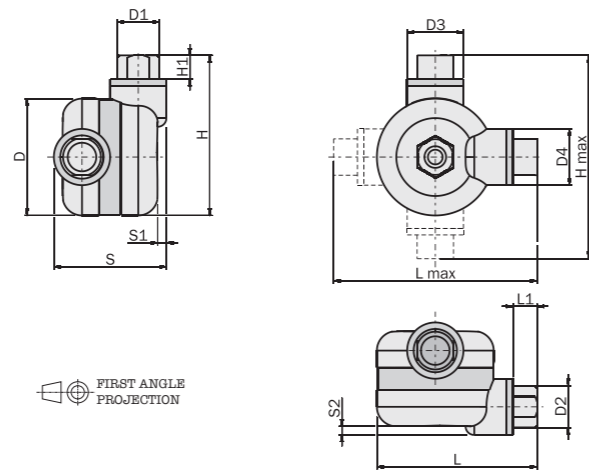


- They are mounted between the vacuum cup and its support by two male threads.
- They are used to tilt the vacuum cup with respect to the support under a predefined angle.
- It is possible to set the angle between 0° and +/-150°.
- By tightening a screw the angle is fixed.
- The vacuum lead is inside the two half-bodies.



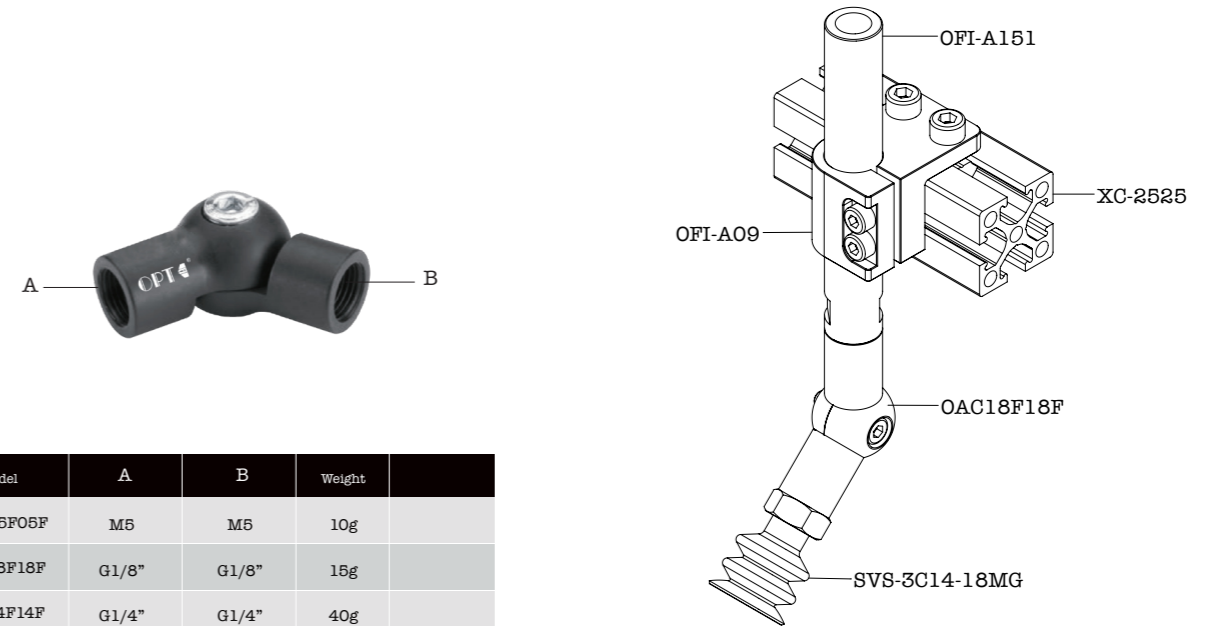
Model	A	B	Weight
OAM5M5G	M5	M5	18g
OAM18M18G	G1/8"	G1/8"	64g
OAM18M14G	G1/8"	G1/4"	70g
OAM18M14G	G1/4"	G1/4"	76g

Dimensions (mm)



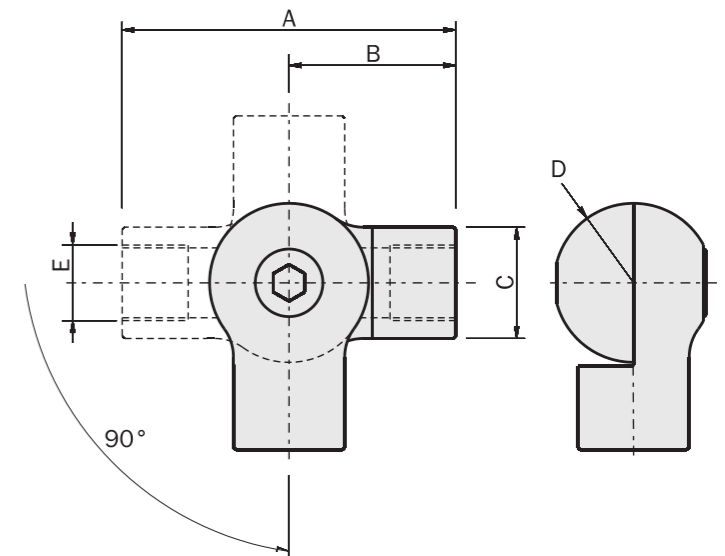
Model	D	D1	D2	D3	D4	H	H1	H max	L	L1	L max	S	S1	S2
OAM5M5G	Ø22	M5	M5	Ø8	Ø8	29	4	36	29	4	36	15.2	0.6	0.6
OAM18M18G	Ø27	G1/8"	G1/8"	Ø13	Ø13	37	5.5	47	37	5.5	47	26	2	2
OAM18M14G	Ø27	G1/8"	G1/4"	Ø13	Ø16.8	37	5.5	47	38	6.5	49	27.9	2	3.9
OAM14M14G	Ø27	G1/4"	G1/4"	Ø16.8	Ø16.8	38	6.5	49	38	6.5	49	29.8	3.9	3.9

- Not for compressed air (only vacuum).
- They are mounted between the vacuum cup and its support by two female threads.
- They are used to tilt the vacuum cup with respect to the support under a predefined angle.
- It is possible to set continuously the angle from 0° to +/-90°.
- By tightening one screw the angle is fixed.
- Integrated vacuum channel.



Model	A	B	Weight
OAC05F05F	M5	M5	10g
OAC18F18F	G1/8"	G1/8"	15g
OAC14F14F	G1/4"	G1/4"	40g

Dimensions (mm)



Model	A	B	C	D	E
OAC05F05F	33	16.5	Ø10	R8	M5
OAC18F18F	42	21	Ø14	R10	G1/8"
OAC14F14F	56	28	Ø20	R14	G1/4"