



Pneumatic Cylinders I
Catalog No. CB-029SA

Floating fitting

FJ Series

● Compatible cylinder bore: ø20 to ø200



Specifications

Item Model No.	Nominal port size of thread x pitch	Max. working tension and compression (kN) *1			Allowable eccentricity(mm)	Oscillating angle	Operating ambient temperature range
		Basic	Flange	Foot			
FJ*-3	M 3 x 0.5	0.019	-	-	0.5	±5°	-10 to 60°C
4	M 4 x 0.7	0.053	-	-	0.5		
5	M 5 x 0.8	0.121	-	-	0.5		
6	M 6 x 1.0	1.08	-	-	0.75		
8	M 8 x 1.0	1.08	1.08	1.08	0.75		
8-1.25	M 8 x 1.25	1.08	1.08	1.08	0.75		
10	M 10 x 1.25	2.45	2.45	2.45	0.75		
12-1.25	M 12 x 1.25	2.45	2.45	2.45	0.75		
12	M 12 x 1.5	2.45	2.45	2.45	0.75		
14	M 14 x 1.5	5.88	5.88	5.88	1.0		
16	M 16 x 1.5	10.8	10.8	10.8	1.5		
18	M 18 x 1.5	10.8	10.8	10.8	1.5		
22	M 22 x 1.5	17.6	17.6	17.6	2.0		
26	M 26 x 1.5	27.5	27.5	27.5	3.0		
30	M 30 x 1.5	60.8	60.8	60.8	3.0		
36	M 36 x 1.5	87.3	87.3	87.3	4.0		
40	M 40 x 1.5	87.3	87.3	87.3	4.0		
45	M 45 x 1.5	108	108	108	4.0		

*1: Max. working tension and compression shows static load.
 *2: FJ-8-1.25 and FJ-12-1.25 are optional products. FJ-36, 40 and 45 are made-to-order products.
 *3: FJ-6 to 45 is P4 compliant as standard.

How to order



A Mounting

B Nominal port size of thread x pitch

Code	Description
A Mounting	
0	Basic
L	Foot
F	Flange

B Nominal port size of thread x pitch		O	L	F
Mounting				
3	M 3 x 0.5	●		
4	M 4 x 0.7	●		
5	M 5 x 0.8	●		
6	M 6 x 1.0	●		
8	M 8 x 1.0	●	●	●
8-1.25	M 8 x 1.25	●	●	●
10	M 10 x 1.25	●	●	●
12-1.25	M 12 x 1.25	●	●	●
12	M 12 x 1.5	●	●	●
14	M 14 x 1.5	●	●	●
16	M 16 x 1.5	●	●	●
18	M 18 x 1.5	●	●	●
22	M 22 x 1.5	●	●	●
26	M 26 x 1.5	●	●	●
30	M 30 x 1.5	●	●	●
36	M 36 x 1.5	●	●	●
40	M 40 x 1.5	●	●	●
45	M 45 x 1.5	●	●	●

Compatibility table by variation

Applicable size		Basic	Foot	Flange
		FJ*-3 FJ*-4 FJ*-5	P4	●
	P40	▲	▲	▲
FJ*-6 to 45	P4	Supports P4 specifications as standard		
	P40	▲		

●: Applicable models
 ○: Semi-applicable models
 ▲: Contact CKD for details.
 □: Not applicable