

(Production upon order)

Fixed Orifice Type Joint

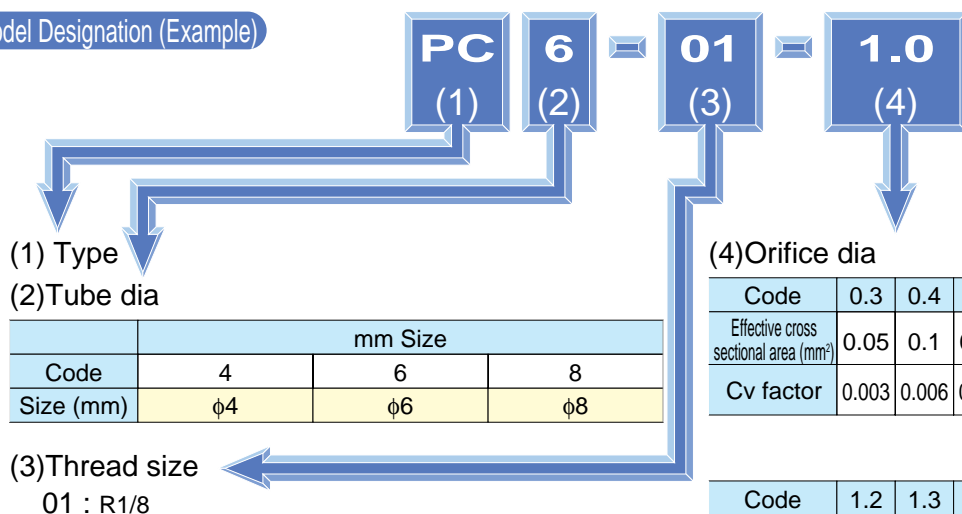
Features

- The fixed orifice controls air flow.
- Compared with needle valves, this low-cost joint can be installed in a small space.
- The fixed orifice comes with 18 effective cross sectional area.

Specification

Fluid admitted	Air	
Service pressure range	0~150psi	0 ~ 0.9MPa(0 ~ 9kgf/cm ²)
Working vacuum	-29.5in. Hg	-750mmHg(10Torr)
Service temperature range	32~140°F	0 ~ 60°C

Model Designation (Example)



	mm Size		
Code	4	6	8
Size (mm)	φ4	φ6	φ8

Code	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1
Effective cross sectional area (mm ²)	0.05	0.1	0.15	0.2	0.25	0.35	0.4	0.5	0.7
Cv factor	0.003	0.006	0.008	0.011	0.014	0.020	0.023	0.028	0.040

Code	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0
Effective cross sectional area (mm ²)	0.85	1.0	1.15	1.45	1.65	1.85	2.1	2.3	2.5
Cv factor	0.048	0.057	0.065	0.082	0.093	0.105	0.119	0.130	0.141

⚠ Detailed safety Instruction

Before using the PISCO device, be sure to read the "Safety Instructions", "Common Safety Instructions for Products Listed in This Manual" on pages 23~24 and "Common Safety Instructions for Controllers" on pages 167~168.

⚠ Caution

1. Before use, be sure to confirm the orifice inside diameter marked on the hexagon part. A wrong orifice inside diameter may change the flow rate.
2. To achieve accurate flow control, select an optimal orifice inside diameter by actual measurements.