

SCPD3  
SCM  
SSD2  
MDC2  
SMG  
LCM  
LCR  
LCG  
LCX  
STM  
STG  
STR2  
MRL2  
GRC  
Cylinder switch  
MN3E  
MN4E  
4GA/B  
M4GA/B  
MN4GA/B  
F.R (module unit)  
Clean F.R  
Precision R  
Press gauge  
Diff. press gauge  
Electro-pneumatic R  
Speed controller  
Auxiliary valve  
Fitting/tube  
Clean air unit  
Pressure sensor  
Flow rate sensor  
Valve for air blow  
Ending



Compact check valve with push-in fitting

# CHL Series

Compact/space saving inline for vacuum retention and low pressure use.

JIS symbol



## Structure and material restriction

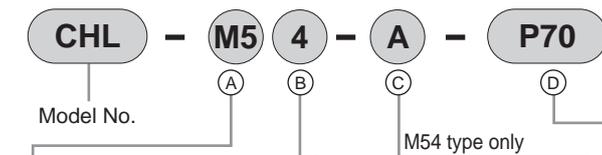
	Structure/treatment	Material restriction			Model No.
P7 Series	Dust generation preventing				- P70
	Dust generation preventing	Copper-based materials prohibited	Silicon-based materials prohibited	Halogen-based materials prohibited (fluorine, chlorine, bromine)	- P74

## Specifications

Descriptions	CHL-M54	CHL-H44	CHL-H66
Working fluid	Air		
Max. working pressure	1.0 MPa		
Min. working pressure	0.03 MPa		
Cracking pressure	0.03 MPa		
Working pressure range (negative pressure)	-30 kPa to -100 kPa		
Proof pressure	1.5 MPa		
Fluid temperature	0 to 60 °C (no freezing)		
Ambient temperature	0 to 60 °C (no freezing)		
Port size	M5	ø4	ø6
Weight	8.9 g	10.8 g	16.6 g
Applicable tube O.D.	ø4	ø4	ø6
Flow rate	170 l/min (ANR)	180 l/min (ANR)	440 l/min (ANR)
Effective cross-sectional area	2.6 mm <sup>2</sup>	2.8 mm <sup>2</sup>	6.8 mm <sup>2</sup>

\* Flow rate is the atmospheric pressure conversion value at pressure 0.5 MPa.

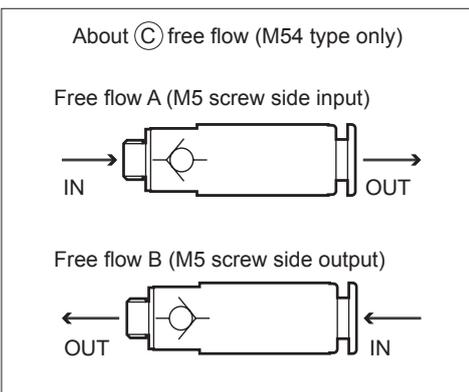
## How to order



A Port size		B Applicable tube O.D.		C Free flow	
M5	M5	4	ø4	A	M5 screw side input
H4	ø4	4	ø4	B	M5 screw side output
H6	ø6	6	ø4		

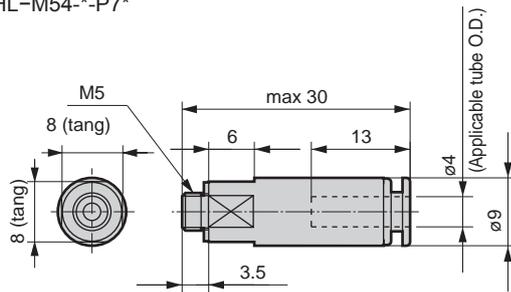
D Clean room specifications		
	Structure/treatment	Material restriction
P70	Dust generation preventing	-
P74	Dust generation preventing	Copper-based/silicon-based/halogen-based materials (fluorine, chlorine, bromine) are prohibited

\* Combinations other than listed above are not possible.

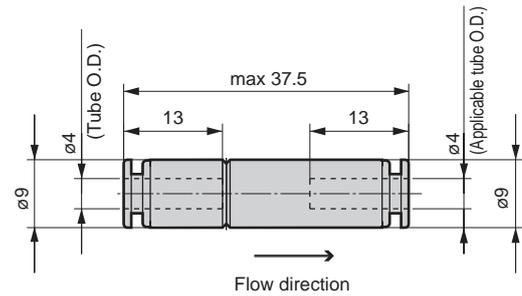


### Dimensions

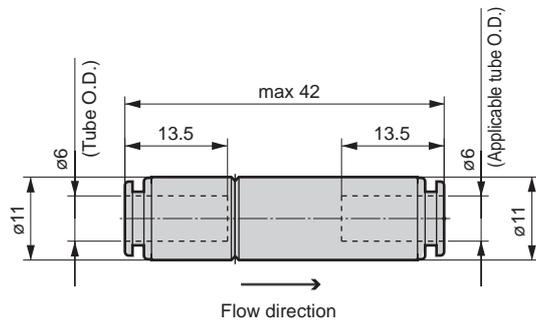
#### ● CHL-M54-\*-P7\*



#### ● CHL-H44-P7\*



#### ● CHL-H66-P7\*



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