



Shock Absorber

Shock Absorber



Outer diameter Stroke
M12 × 10_{mm}

Outer diameter Stroke
M14 × 12_{mm}

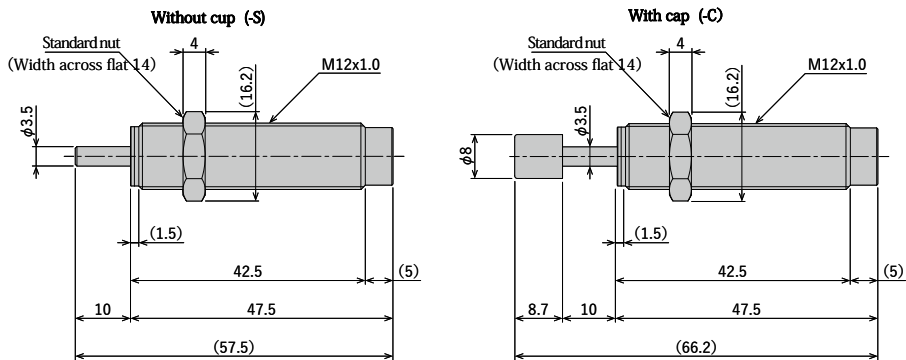
● Specifications are subject to change without notice.

F
Fixed

FNJ-1210 Series



Dimension



Specifications

Model	Screw pitch	Nut pc(s)	Stroke mm	Max. absorption energy J(kgf·m)	Max. equivalent mass kg(kgf)	Range of impact rate m/s	Max. drag N(kgf)	Max. cycle rate cycle/min	Recovering power of piston rod N(kgf)	Operating temperature °C	Allowable eccentric angle °	Weight g	Orifice type	Oil type	
FNJ-1210L-S	M12×1.0	1	10	7 (0.71)	50 (50)	0.05~2.0	2,410 (246)	60	9.4 (0.96)	-5~70	±1	27.1	Groove orifice	Food grade machinery oil	
FNJ-1210L-C		1										28.0			
FNJ-1210L-S-F	M12×1.0	2										29.0			
FNJ-1210L-C-F		2										29.9			

Materials

Body	Piston rod	Nut	Cap
SUS			POM

Optional Parts

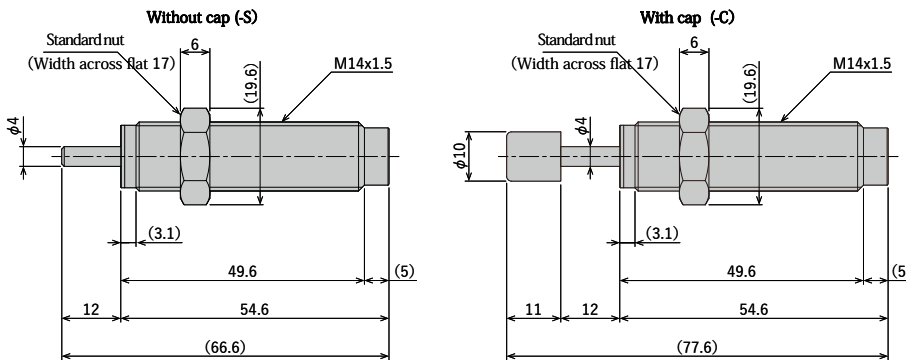
Model	Applicable Models	Weight(g)
M12 SUS NUT	FNJ-1210L-S	1.9
	FNJ-1210L-C	

F
Fixed

FNJ-1412 Series



Dimension



Specifications

Model	Screw pitch	Nut pc(s)	Stroke mm	Max. absorption energy J(kgf·m)	Max. equivalent mass kg(kgf)	Range of impact rate m/s	Max. drag N(kgf)	Max. cycle rate cycle/min	Recovering power of piston rod N(kgf)	Operating temperature °C	Allowable eccentric angle °	Weight g	Orifice type	Oil type	
FNJ-1412L-S	M14×1.5	1	12	11 (1.12)	75 (75)	0.05~2.0	3,330 (340)	60	10.2 (1.04)	-5~70	±1	42.1	Groove orifice	Food grade machinery oil	
FNJ-1412L-C		1										43.9			
FNJ-1412L-S-F	M14×1.5	2										47.1			
FNJ-1412L-C-F		2										48.9			

Materials

Body	Piston rod	Nut	Cap
SUS			POM

Optional Parts

Model	Applicable Models	Weight(g)
M14 SUS nut	FNJ-1412L-S	5.0
	FNJ-1412L-C	