



Shock Absorber

Shock Absorber



Outer diameter Stroke
M 16 × 12 mm

Outer diameter Stroke
M 20 × 16 mm

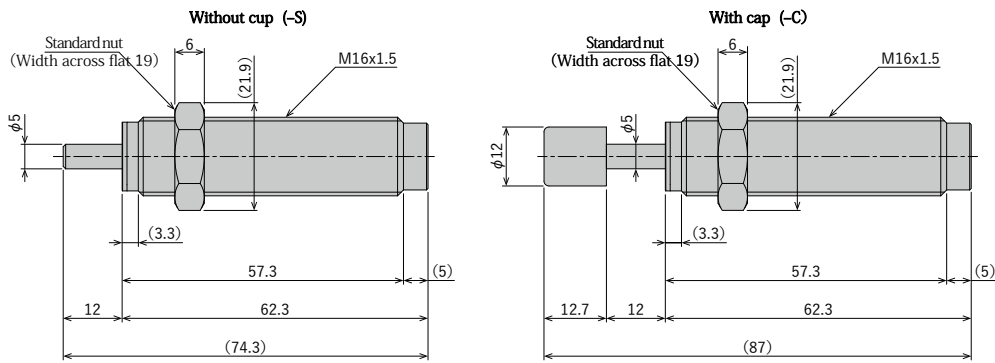


F
Fixed

FNJ-1612 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-1612L-S	M16×1.5	1	12	15.5 (1.58)	110 (110)	0.05~2.0	4,130 (421)	60	11.7 (1.19)	-5~70	±1	64.5	Groove orifice	Food grade machinery oil	
FNJ-1612L-C	M16×1.5	2										67.6			
FNJ-1612L-S-F	M16×1.5	2	12	15.5 (1.58)	110 (110)	0.05~2.0	4,130 (421)	60	11.7 (1.19)	-5~70	±1	70.2	Groove orifice	Food grade machinery oil	
FNJ-1612L-C-F	M16×1.5	2										73.3			

Materials

Body	Piston rod	Nut	Cap
SUS			POM

Optional Parts

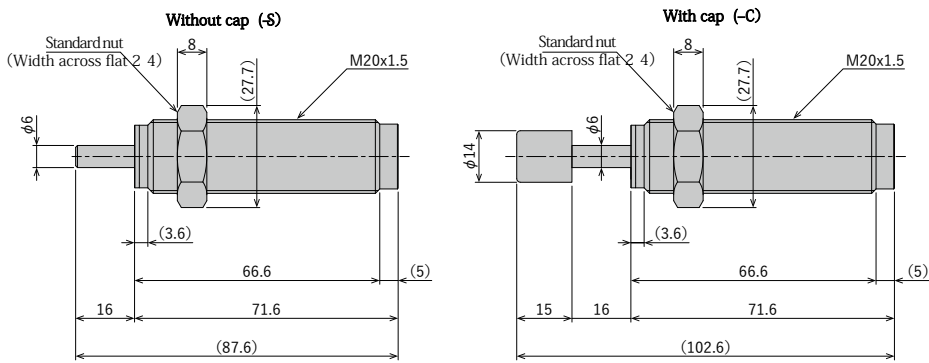
Model	Applicable Models	Weight(g)
M16 SUS nut	FNJ-1612L-S FNJ-1612L-C	5.7

F
Fixed

FNJ-2016 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	eccentric Allowable angle °	Weight g	Orifice type	Oil type	
FNJ-2016L-S	M20×1.5	1	16	33 (3.37)	230 (230)	0.05~2.0	6,000 (612)	60	18.6 (1.9)	-5~70	±1	119.0	Groove orifice	Food grade machinery oil	
FNJ-2016L-C	M20×1.5	2										124.0			
FNJ-2016L-S-F	M20×1.5	2	16	33 (3.37)	230 (230)	0.05~2.0	6,000 (612)	60	18.6 (1.9)	-5~70	±1	131.1	Groove orifice	Food grade machinery oil	
FNJ-2016L-C-F	M20×1.5	2										136.1			

Materials

Body	Piston rod	Nut	Cap
SUS			POM

Optional Parts

Model	Weight(g)
M20 SUS nut	12.1