

Shock Absorber

Shock Absorber (Anti Coolant Specifications)

Outer diameter stroke

M 12 ~ M 20

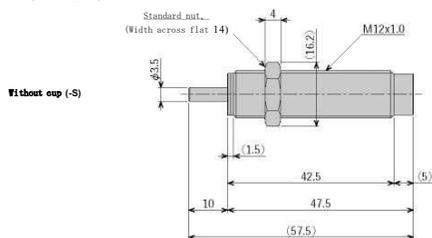
RoHS

• Specifications are subject to change without notice

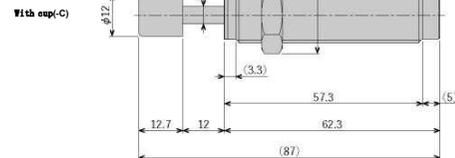
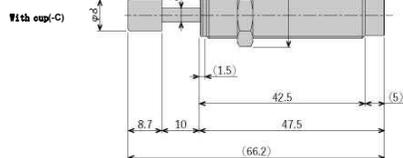
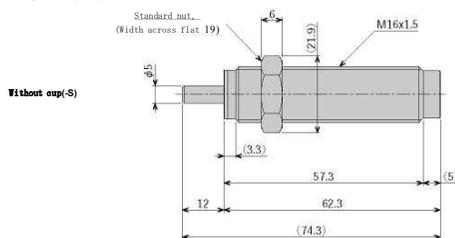
F
Fixed

FNJ-F Series

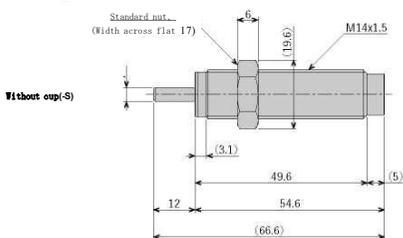
• FNJ-F1210



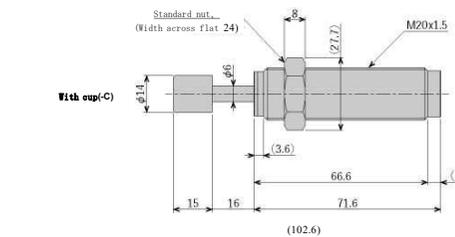
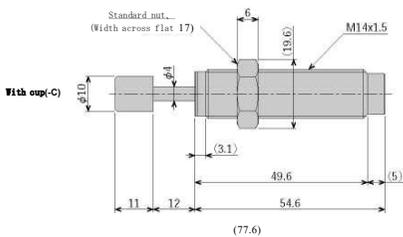
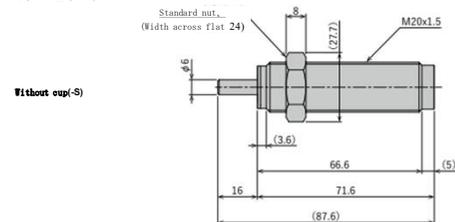
• FNJ-F1612



• FNJ-F1412



• FNJ-F2016



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	Max Absorption Energy per Minute J(min (kgf·m/min))	Recovering power of piston rod N(kgf)	Operating temperature °C	Allowable eccentric angle °	Weight	Orifice type
FNJ-F1210L-S	M12X1.0	1	10	7.0 (0.71)	50 (50)	0.05-2.0	2,410 (256)	60	98 (10)	9.4 (0.96) or less	5~70	±1	26.2	Groove orifice
FNJ-F1210L-C		27.1												
FNJ-F1210L-S-F		28.1												
FNJ-F1210L-C-F		29.0												
FNJ-F1210H-S		26.2												
FNJ-F1210H-C		27.1												
FNJ-F1210H-S-F	28.1													
FNJ-F1210H-C-F	29.0													
FNJ-F1412L-S	M14X1.5	1	12	11 (1.12)	75 (75)	0.05-2.0	3,330 (340)	60	176 (18)	14.0 (1.43) or less	5~70	±1	42.1	Groove orifice
FNJ-F1412L-C		43.9												
FNJ-F1412L-S-F		47.1												
FNJ-F1412L-C-F		48.9												
FNJ-F1412H-S		42.1												
FNJ-F1412H-C		43.9												
FNJ-F1412H-S-F	47.1													
FNJ-F1412H-C-F	48.9													
FNJ-F1612L-S	M16X1.5	1	12	15.5 (1.58)	110 (110)	0.05-2.0	4,130 (421)	60	235 (24)	14.0 (1.43) or less	5~70	±1	64.4	Groove orifice
FNJ-F1612L-C		67.5												
FNJ-F1612L-S-F		70.1												
FNJ-F1612L-C-F		73.2												
FNJ-F1612H-S		64.4												
FNJ-F1612H-C		67.5												
FNJ-F1612H-S-F	70.1													
FNJ-F1612H-C-F	73.2													
FNJ-F2016L-S	M20X1.5	1	16	33 (3.37)	230 (230)	0.05-2.0	6,000 (612)	60	343 (35)	21.4 (2.18) or less	5~70	±1	119.2	Groove orifice
FNJ-F2016L-C		124.2												
FNJ-F2016L-S-F		131.3												
FNJ-F2016L-C-F		136.3												
FNJ-F2016H-S		119.2												
FNJ-F2016H-C		124.2												
FNJ-F2016H-S-F	131.3													
FNJ-F2016H-C-F	136.3													

Precautions

- Depending on the liquid and amount used, this product may not provide sufficient durability. We recommend that you conduct tests to confirm suitability in advance.
- If during use the piston rod cannot be pushed all the way to the end of its stroke, the product has reached the end of its life and should be discontinued and replaced. Continuing to use the product in this condition could result in damage to the product and machine.
- This product has a special packing structure, so if it is used in an environment where the piston rod is not exposed to liquid, there is a risk that the internal oil will leak out early.
- If you wish to use optional parts, please contact our sales department.
- The rod cap color is blue.