

Accessories—Shock absorber



ACA, ACJ Series



Product feature

1. Excellent and stable deceleration and shock absorbing; if impacted by load, the resistance will automatically adjust.
2. Outer body of integrated structure is treated by QPQ, which has optimum corrosion and wear resistance and can withstand high pressure; it is easy to install and adjust for all threaded outer body which has good heat dissipation.
3. With high hardness stainless steel shaft, the shock absorber has better impact and corrosion resistance, and it can work under adverse conditions.
4. Special oiling process leads to stable shock absorbing.
5. Compact structure and high max. absorbed energy.
6. We use Special lubricants as buffer medium, which adapts to wide temperature range and ensures stable cushioning.

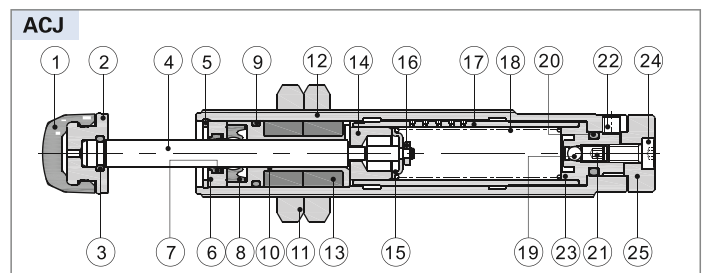
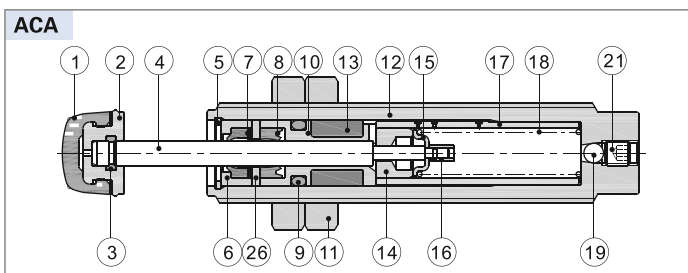
Ordering code

ACA 20 20 - 1 N



① Model	② Body male thread	③ Stroke	④ Impact speed	⑤ Prevention crash cap
ACA: Self-compensation type shock absorber	08: M8	The pecification for detail	1: High speed(Light load) 2: Middle speed(Middle load) 3: Low speed(Heavy load)	Blank: Plastic cap N: No cap
	10: M10			Blank: Plastic cap F: Iron cap N: No cap
	12: M12			
	14: M14			
	16: M16			
	20: M20			
	25: M25			
ACJ: Adjustable type shock absorber	27: M27		Not this code	Blank: Plastic cap F: Iron cap N: No cap
	33: M33			Blank: Plastic cap F: Iron cap N: No cap
	36: M36			
	10: M10			
	12: M12			
	14: M14			
	20: M20			
25: M25	Blank: Plastic cap F: Iron cap N: No cap			
27: M27				
33: M33	Blank: Plastic cap F: Iron cap N: No cap			
36: M36				
42: M42				

Inner structure and material of major parts



No.	Item	Material	No.	Item	Material
1	Bump cap	PA66(M8)\TPU(M10~M14)\TPU or S45C(M20~M42)	14	Piston	Brass
2	Bump cap(core)	No(M8)\Cutting steel(Othres)	15	Spring seat	Spring steel
3	O-ring	NBR	16	Busher	Brass(M8~M12)\Aluminum(M20~M27)
4	Piston rod	Stainless steel(M8~M27)\S45C(M33~M42)	17	Inlet body	Cutting steel(M8~M14)\Seamless steel tube(M20~M42)
5	Clip	No(M8~M10)\Spring steel(M12~M42)	18	Spring	SWPB
6	Front cover	Brass(M8)\Cutting steel(M10)\Aluminum(M12~M42)	19	Ball	GCr15
7	Front cover gasket	No(M8)\TPU(M10~M42)	20	O-ring	NBR
8	Front cover gasket	NBR	21	Set screw	Low alloy steel
9	O-ring	NBR	22	Set screw	Low alloy steel
10	Correcting body	Brass	23	Back cover	Brass
11	Nut	SS41	24	Screw	Low alloy steel
12	Body	Cutting steel	25	Knob	Aluminum alloy
13	Accumulator	Foamex	26	Washer	SUS304(M10~M14)\No(Othres)

