

FLOAT COUPLER FC Series

Absorbs inclination and eccentricity between cylinder and piston rod and aligns shaft center.



Model No.	Applicable cylinder bore size	Oscillation angle	Allowable eccentricity (mm)	Mounting
FCM3-0.5	Z3 6、 Q1 6	± 5°	0.5	Direct mounting
FCM4-0.7	Z3 10、 Q1 10			
FCM5-0.8	Z3 16、 Q1 16			
FCM6-1	Q1 20		0.75	Direct mounting Flange mounting Foot mounting
FCM8-1.25	J1 20、 Q1 25			
FCM10-1.25	K1 32、 Q1 32			
FCM10-1.5	J1 25			
FCM12A-1.25	J1 32			
FCM12A-1.5	JGBC 40		1.0	
FCM14A-1.5	J1 40、 K1 40			
FCM18A-1.5	J1 50、 63、 K1 50、 63		1.5	
FCM22A-1.5	K1 80		2.0	
FCM26A-1.5	K1 100		3.0	
FCM30-1.5	K1 125、 A1 125、 140			
FCM40-1.5	A1 160、 180		4.0	
FCM45-1.5	A1 200			

SHOCK ABSORBER SA,SAE Series

Compact design and large absorbing capacity. Various types are available according to your load and speed requirements.



Model No.	Adjustment	Stroke absorption (mm)	Max. absorbed energy (J)	Max. collision speed (m/s)	Option	
SA-0805AA1	Fixed type	5	0.392	1	Stopper nut Deflection angle adapter	
SA-0805AA2			0.686			
SA-1005AA1		5	0.686	1		
SA-1005AA2			0.98			
SA-1008AA1		8	0.98	1		
SA-1008AA2			1.47			
SA-1210AA1	10	1.96	1			
SA-1210AA2		2.45				
SA-1412AC1	12	3.92	1.5			
SA-1412AC2		5.88				
SA-1008BB1	Analog adjusting type	8	1.47	1	Stopper nut Deflection angle adapter	
SA-1210BB1		10	2.94	2		
SA-1410BB1		10	3.92	1.5		
SA-1612BB1		12	9.8	2		
SA-2016BB1		16	29.4	1		
SA-2530BB1		30	49	1		
SA-2540BB1	40	63.7	1	Stopper nut		
SA-2725BB1	25	79.4	1	Stopper nut Deflection angle adapter		
SA-1008CC1	Analog fine adjusting type	8	1.47	3	Stopper nut Deflection angle adapter	
SA-1210CC1		10	4.9	3		
SA-1410CC1		10	5.88	3		
SA-1612CC1		12	9.8	3		
SA-2016CC1		16	29.4	3		
SA-2530CC1		30	49	3		
SA-2540CC1		40	63.7	3		Stopper nut
SA-2725CC1		25	79.4	3		Stopper nut Deflection angle adapter
SA-3035CC1		35	196	3		
SA-3650CC1		50	392	3		
SA-4250CC1	50	441	3			
SA-4280CC1	80	720	3			
SA-1008CD1	Analog fine adjusting type	8	1.76	2	Stopper nut Deflection angle adapter	
SA-1210CD1		10	4.9	2		
SA-1410CD1		10	5.88	2		
SA-1612CD1		12	9.8	2		
SA-2016CD1		16	29.4	2		
SA-2530CD1		30	49	2		
SA-2540CD1		40	63.7	2		Stopper nut
SA-2725CD1		25	79.4	2		Stopper nut Deflection angle adapter
SA-3035CD1		35	196	2		
SA-3650CD1		50	392	2		
SA-4250CD1	50	441	2			
SA-4280CD1	80	720	2			
SAE-2010	Fixed type	10	19.6	2		
SAE-3020		20	98	2		
SAR-1415AC1	Fixed type	15	11.76	2	Stopper nut	
SAR-1415AC2		15	19.6	2		

SA : Spring return SAE : For emergency purpose SAR : Air return