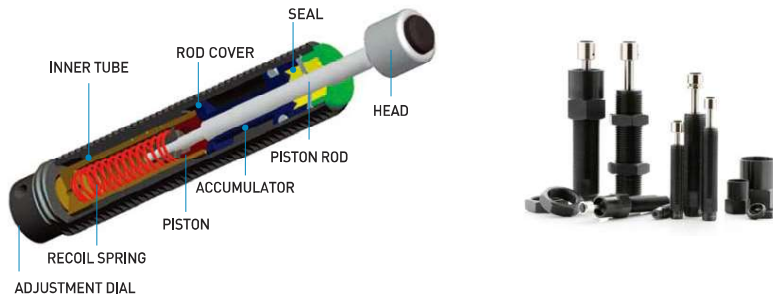


DESCRIPTION

IAAS has dial which can set 12 steps of shock speed ranges and it improved by wider damping ranges. Improved energy capacity over 200% and effective weight ranges become wider than before.

IAAS series



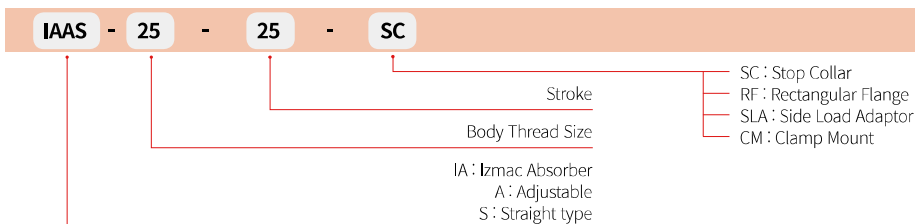
FEATURES

- 1 All threaded body outside helps to install shock absorber and it can be fixed exact position. And it helps also to dissipate more shock energy by increased surface dimension.
- 2 Body surface treated as alloyed black colored steel or Zn-Ni and it develop anti corrosion features highly.
- 3 Stop collar is not necessary when shock absorber has steel head, and poly pad & urethane cap will helps to decrease collision noises efficiently.
- 4 Rod cover is made of long lasting materials with function of seal protection and that enable to guarantee long life.
- 5 Speed ranges standard : 0.1 ~ 5m/s • Low Velocity (LV) : Option
- 6 Temperature ranges standard : -10 ~ 80°C • Special : -40 ~ 120°C

APPLICATIONS

Pick N place robot, machining tools, automobile assembly line, tire assembly line, crane, safety devices and all other industrial ranges of multi purposes.

IAAS SERIES ORDERING INFORMATION

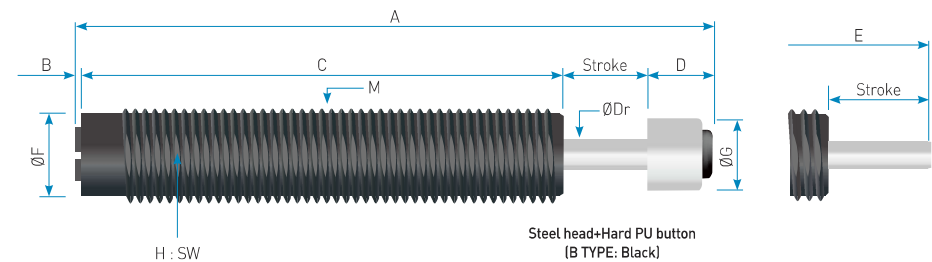


Engineering Data

Model	Stroke (mm)	Max. Energy / Cycle(Nm)	Max. Energy / Hour (Nm / h)	Effective Weight(kg)	Recoil Forec(N)		Weight(g)
					Ext.	Comp.	
IAAS10 - 07(B)	7	5.5	15,000	1 - 123	2.4	5.4	21
IAAS12 - 10(B)	10	16	30,500	1.5 - 333	3.6	9.8	41

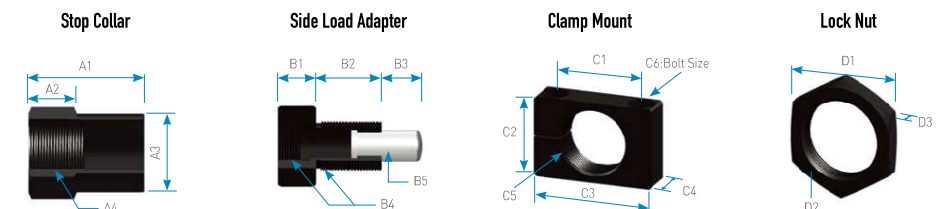
Dimensions

Model	Stroke	A	B	C	D	E	F	G	H	M	Dr
IAAS10 - 07(B)	7	68	1.2	53	7	61	Ø8.6	8.6	8.8	M10X1.0	Ø3
IAAS12 - 10(B)	10	84	1.2	63	10	74	Ø10.5	Ø10.5	-	M12X1.0	Ø4



Accessories

Model	Stop Collar				Side Load Adapter					Clamp Mount						Lock Nut		
	A1	A2	A3	A4	B1	B2	B3	B4	B5	C1	C2	C3	C4	C5	C6	D1	D2	D3
IAAS10 - 07(B)	20	8	Ø12.8	M10 X 1.0	12	12.5	7	M10 X 1.0	Ø4	16	14	25	10	M10 X 1.0	M4	13	M10 X 1.0	4
IAAS12 - 10(B)	20	8	Ø13.8	M12 X 1.0	12	17.5	10	M12 X 1.0	Ø5	20	16	32	12	M12 X 1.0	M5 X 18L	14	M12 X 1.0	4



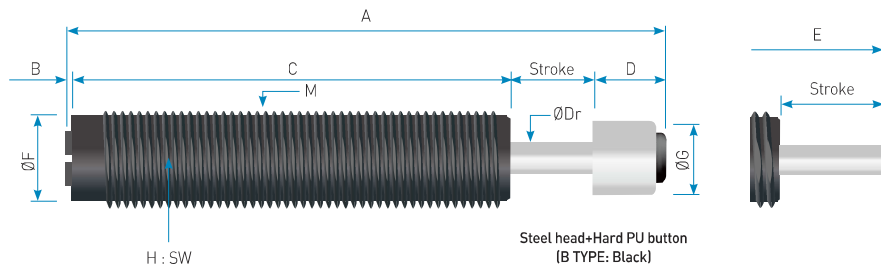
IAAS14 - 12(B) / 16 - 12(B)

Engineering Data

Model	Stroke (mm)	Max.Energy / Cycle(Nm)	Max.Energy / Hour (Nm / h)	Effective Weight(kg)	Recoil Forec(N)		Weight(g)
					Ext.	Comp.	
IAAS14 - 12(B)	12	18	38,000	1.8 ~ 400	4.9	11.4	60
IAAS16 - 12(B)	12	24	47,200	2~530	5	11.5	84

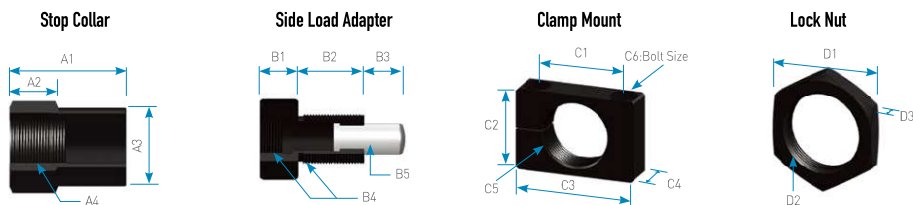
Dimensions

Model	Stroke	A	B	C	D	E	F	G	H	M	Dr
IAAS14 - 12(B)	12	96	1.2	72.8	10	86	Ø12	Ø10.5	12.5	M14X1.5	Ø4
IAAS16 - 12(B)	12	97	1.2	71.3	12.5	84.5	Ø10.5	Ø13.5	14.5	M16X1.5	Ø5



Accessories

Model	Stop Collar				Side Load Adapter					Clamp Mount						Lock Nut		
	A1	A2	A3	A4	B1	B2	B3	B4	B5	C1	C2	C3	C4	C5	C6	D1	D2	D3
IAAS14 - 12(B)	27	12	Ø18	M14 X 1.5	14	19.5	12	M14 X 1.5	Ø6	20	20	32	12	M14 X 1.5	M5 X 25L	19	M14 X 1.5	5
IAAS16 - 12(B)	27	12	Ø9	M16 X 1.5	19	22.8	12	M16 X 1.5	Ø8	24	22	36	16	M16 X 1.5	M6 X 25L	19	M16 X 1.5	6



IAAS20 - 15(B) / 25 - 25(B)

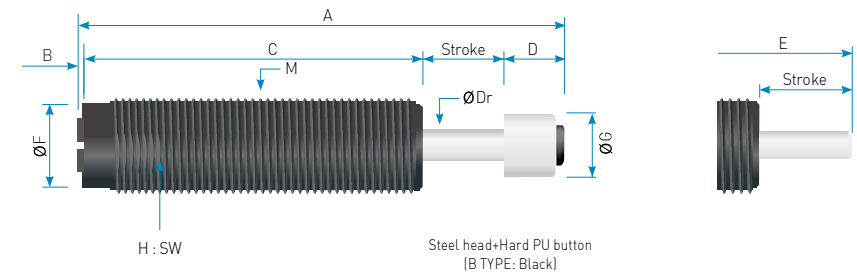
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Engineering Data

Model	Stroke (mm)	Max.Energy / Cycle(Nm)	Max.Energy / Hour (Nm / h)	Effective Weight(kg)	Recoil Forec(N)		Weight(g)
					Ext.	Comp.	
IAAS20 - 15(B)	15	56	58,000	4.5~1,240	8	19.6	139
IAAS25 - 25(B)	25	150	96,000	11.5~3,330	10.2	29.5	285

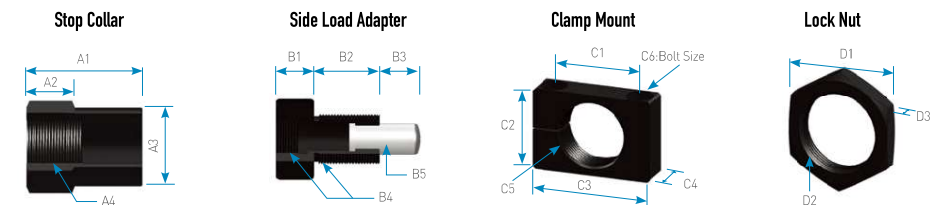
Dimensions

Model	Stroke	A	B	C	D	E	F	G	H	M	Dr
IAAS20 - 15(B)	15	109	1.5	79	13.5	95.5	Ø17.6	Ø13.5	18.5	M20X1.5	Ø6
IAAS25 - 25(B)	25	144	1.5	101	16.5	127.5	Ø22.6	Ø16	23	M25X1.5	Ø8



Accessories

Model	Stop Collar				Side Load Adapter					Clamp Mount						Lock Nut		
	A1	A2	A3	A4	B1	B2	B3	B4	B5	C1	C2	C3	C4	C5	C6	D1	D2	D3
IAAS20 - 15(B)	36	15	Ø24	M20 X 1.5	20	34	15	M20 X 1.5	Ø12	28	25	40	20	M20 X 1.5	M6 X 30L	24	M20 X 1.5	6
IAAS25 - 25(B)	42	18	Ø31.5	M25 X 1.5	20	42	25	M25 X 1.5	Ø16	32	32	46	25	M25 X 1.5	M6 X 35L	32	M25 X 1.5	8



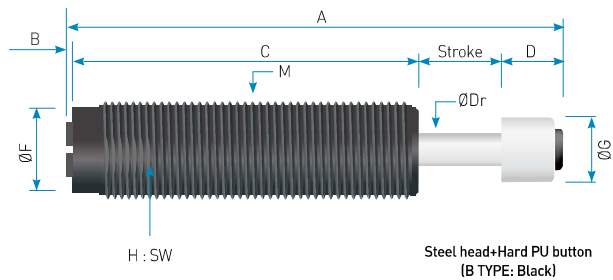
IAAS27 - 25(B) / 27 - 25F(B)

Engineering Data

Model	Stroke (mm)	Max.Energy / Cycle(Nm)	Max.Energy / Hour (Nm / h)	Effective Weight(kg)	Recoil Forec(N)		Weight(g)
					Ext.	Comp.	
IAAS27 - 25(B)	25	150	96,000	11.5-3,330	10.2	29.5	303
- 25F(B)							325

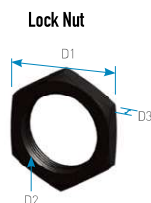
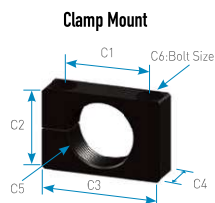
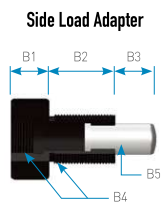
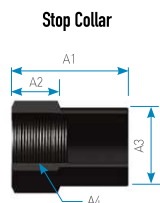
Dimensions

Model	Stroke	A	B	C	D	E	F	G	H	M	Dr
IAAS27 - 25(B)	25	144	1.5	101	16.5	127.5	Ø22.6	Ø16	23	M27X3.0	Ø8
25F(B)									25	M27X1.5	



Accessories

Model	Stop Collar				Side Load Adapter					Clamp Mount						Lock Nut		
	A1	A2	A3	A4	B1	B2	B3	B4	B5	C1	C2	C3	C4	C5	C6	D1	D2	D3
IAAS27 - 25(B)	42	18	Ø31.5	M27 X 3.0	20	42	25	M27 X 3.0	Ø16	35	32	48	25	M27 X 3.0	M6 X 35L	32	M27 X 3.0	8
25F(B)				M27 X 1.5				M27 X 3.1						M27 X 1.5			M27 X 1.5	



IAAS36 - 25(B) / 36 - 50 (B)

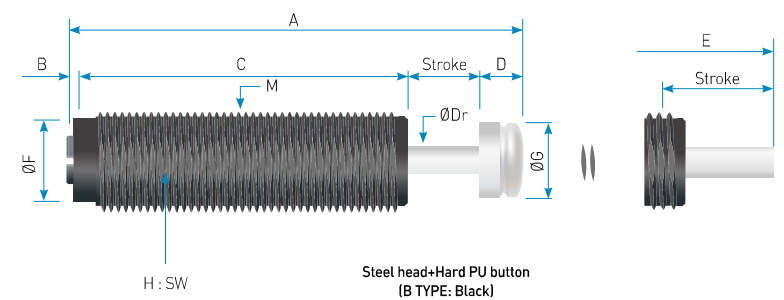
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Engineering Data

Model	Stroke (mm)	Max.Energy / Cycle(Nm)	Max.Energy / Hour (Nm / h)	Effective Weight(kg)	Recoil Forec(N)		Weight(g)
					Ext.	Comp.	
IAAS36 - 25(B)	25	300	108,000	24 - 6,667	25	56.2	700
- 50(B)	50	615	142,000	49 - 13,667	22.5	60	811

Dimensions

Model	Stroke	A	B	C	D	E	F	G	H	M	Dr
IAAS36 - 25(B)	25	159	2	116	15.5	143	Ø31	Ø28	34	M36 X 1.5	Ø10
- 50(B)	50	218	2	150.5	15.5	202.5	Ø31	Ø28	34	M36 X 1.5	Ø10



Accessories

Model	Stop Collar				Side Load Adapter					Clamp Mount						Lock Nut		
	A1	A2	A3	A4	B1	B2	B3	B4	B5	C1	C2	C3	C4	C5	C6	D1	D2	D3
IAAS36 - 25(B)	62	26	Ø45	M36 X 1.5	51	41	45	29	10	4-Ø7	42	61	25	M36 X 1.5	M6 X 45L	46	M36 X 1.5	10
- 50(B)				M36 X 1.5														

