

Izmac Absorber Self short Range absorption

### DESCRIPTION

IASR can be installed in a limited space and is suitable for industrial applications requiring high energy absorption. And it is a suitable compact industrial hydraulic product. Unlike general absorber series, it is designed with a unique structure and by way of fast braking time, shock, and noise reduction function, it provides optimum results of best productivity improvement.



### FEATURES

- 1 There are various models of different sizes from M16 to M32.
- 2 Specially, it has more than three times maximum energy performance compared to other existing products.
- 3 Improve noise reduction function and increase product durability
- 4 Thanks to the unique orifice structure, it enables smooth absorption characteristics to stop collision material softly.
- 5 Maximum impact speed : 0.05~3m/s
- 6 Piston rod : Hard Chrome : 25µm
- 7 Available to use without an external stopper.

### APPLICATION

Automotive , Mechanical engineering, Electronics industries

### IASR SERIES ORDERING INFORMATION

IASR - 16 - 04 - LN

SC : Stop Collar  
LN : Lock Nut

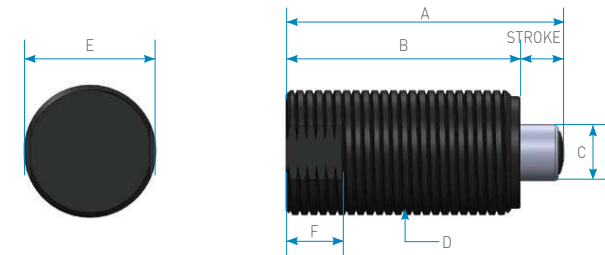
Stroke

Body Thread Size

IA : Izmac Absorber  
S : Self compensating  
R : short Range absorption

### Engineering Data

Model	Stroke (mm)	Max.Energy / Cycle(Nm)	Max.Energy / Hour (nm / h)	Recoil Forec(N)		Weight (g)
				Ext.	Comp.	
IASR16 - 04	4	12	18,000	8	16	1.25
- 09	9	28	42,300	8	17	1.4
IASR20 - 07	7	40	64,600	11	18	65
- 12	12	70	110,700	12	18	75
IASR25 - 08	8	70	108,900	15	20	105
- 15	15	130	204,000	16	21	115



### Dimensions

(unit : mm)

Model	Stroke	A	B	C	D	E	F
IASR16 - 04	4	31	27	6	M16 X 1.5P	14	7
- 09	9	49	41	6	M16 X 1.5P	14	7
IASR20 - 07	7	44.5	37.5	9	M20 X 1.5P	18	9
- 12	12	63.5	51.5	9	M20 X 1.5P	18	9
IASR25 - 08	8	52	44	12	M25 X 1.5P	23	10
- 15	15	78	63	12	M25 X 1.5P	23	10

### Accessories

(unit : mm)

Model	G	H	I
IASR16 - 04	19	6	12
IASR20 - 07	24	6	16
IASR25 - 08	32	8	18

