

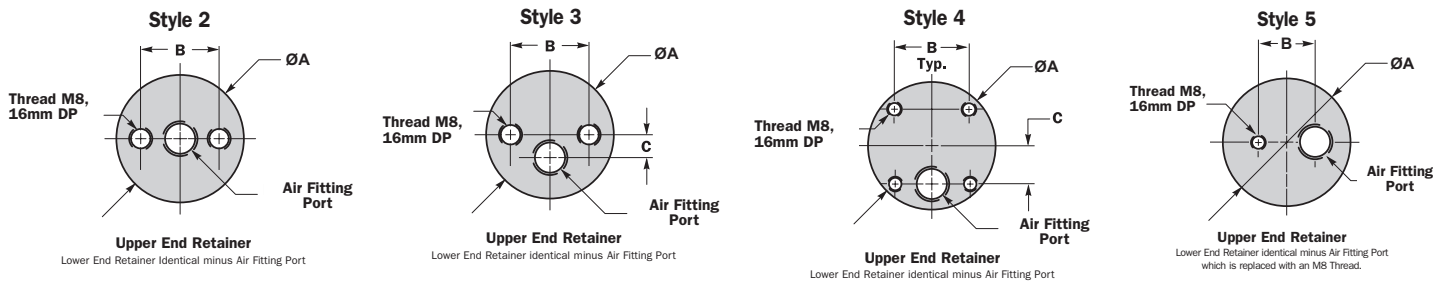


Metric Single Convolute Bellows Type

MODEL NUMBER		ACTUATION SPECIFICATIONS					ISOLATION SPECIFICATIONS					
PRODUCT DESCRIPTION NUMBER	ASSEMBLY NUMBER	MAX. STROKE (mm)	FORCE (N) AT STROKE OF:				ISOLATOR LOAD RANGE @ 7 bar (N)**	APPROXIMATE SYSTEM NATURAL FREQUENCY Hz***	DESIGN HEIGHT RANGE (mm)	% ISOLATION AT INPUT FREQ OF:		
			25 (mm)	50 (mm)	75 (mm)	Max. (mm)				7,25 Hz	14,5 Hz	30 Hz
YI-1B5	*800	50	5 560	2 500	—	2 500	4 900 – 6 000	3,25	64 – 76	72	94	98
	*810	76	6 560	5 115	2 300	2 300	4 670 – 6 675	2,75	64 – 101	82	96	99
	820	101	7 120	6 560	5 115	1 960	4 450 – 6 675	2,67	89 – 127	83	96	99
YI-1B6	*833	71	8 460	6 680	—	3 780	6 680 – 8 460	2,75	77 – 101	78	95	98
	*835	130	9 800	9 350	8 460	3 340	6 680 – 9 350	2,25	102 – 152	90	97	99
YI-1B7	*840	81	10 680	8 460	4 900	3 780	7 120 – 9 800	2,67	89 – 114	83	96	99
YI-1B8	*850	84	14 685	11 800	7 120	4 900	8 900 – 12 900	2,83	96 – 120	83	96	99
	*860	119	15 575	14 690	12 900	7 100	8 450 – 14 690	2,33	102 – 165	85	96	99
YI-1B9	*215	91	22 470	18 465	12 680	6 680	14 240 – 17 350	2,50	114 – 127	84	96	99
YI-1B12	*318	124	38 500	35 600	31 150	16 020	32 480 – 39 160	2,33	77 – 127	89	97	99
YI-1B14	371	152	60 075	56 960	51 620	21 360	51 620 – 60 075	2,33	83 – 133	87	97	99
	*372	124	56 515	52 065	44 500	21 805	44 500 – 55 625	2,33	102 – 133	86	96	99

NOTE: * denotes regularly stocked Enidine product; available with shortest lead times.

End Retainer Styles

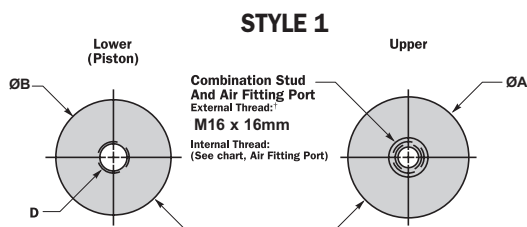


Metric Sleeve Type

MODEL NUMBER		ACTUATION SPECIFICATIONS					ISOLATION SPECIFICATIONS					
PRODUCT DESCRIPTION NUMBER	ASSEMBLY NUMBER	MAX. STROKE (mm)	FORCE (N) AT A STROKE OF:*				ISOLATOR LOAD RANGE @ 7 BAR (N)**	APPROXIMATE SYSTEM NATURAL FREQUENCY (Hz)***	DESIGN HEIGHT RANGE (mm)	% ISOLATION AT INPUT FREQ OF:		
			25 (mm)	50 (mm)	75 (mm)	Max. (mm)				7,25 Hz	14,5 Hz	30 Hz
YI-1S3	*016	53	2 490	800	—	535	1 960 – 2 580	3,25	51–76	71	93	98
YI-1S4	*155	125	3 780	3 780	3 690	1 380	3 560 – 3 780	2,17	97–112	90	97	99

NOTE: * denotes regularly stocked Enidine product; available with shortest lead times.

End Retainer Styles



* Listed strokes start from the compressed height of the Air Spring.
 ** This range is based on 7 bar; to obtain the lower limit (i.e., minimum load @ 1,4 bar) divide the smaller value by 5.
 *** In the "Isolation Specification" section, there is a column titled: "% Isolation At Input Frequency." The figures in this column reflect the approximate percentage of isolation obtainable, if the design height is at the center of the design height range, and the load per air spring is within the isolator load range. If the design height is above or below the design height range, vibration isolation may be slightly higher or lower, respectively.



Metric Single Convolute Bellows Type

	ENVELOPE DIMENSIONS			MOUNTING DIMENSIONS			FEATURES			MODEL NUMBER	
	MAX. Ø @ 7 bar (mm)	COMPRESSED HEIGHT (mm)	MAXIMUM HEIGHT (mm)	A UPPER END PLATE DIAM. (mm)	B BLIND TAP SPACING (mm)	C FILL PORT OFFSET (mm)	END RETAINER STYLE	AIR FITTING PORT (BSP)	INTERNAL BUMPER	ASSEMBLY NUMBER	PRODUCT DESCRIPTION NUMBER
	145	46	96	86,4	20,0	—	5	1/8	NO	*800	YI-1B5
	153	46	122	86,4	44,5	—	2	1/4	NO	*810	
	166	46	147	86,4	44,5	—	2	1/4	NO	820	
	166	51	122	105,4	44,5	—	2	1/4	NO	*833	YI-1B6
	178	51*	180	105,4	44,5	—	2	1/4	NO	*835	
	196	51	132	105,4	44,5	—	2	1/4	NO	*840	YI-1B7
	221	51	134	127,0	70,0	—	2	1/4	NO	*850	YI-1B8
	239	51**	170	127,0	70,0	—	2	1/4	NO	*860	
	280	59	150	162,6	89,0	44,4	3	3/4	NO	*215	YI-1B9
	336	59	183	228,6	157,5	72,9	3	3/4	NO	*318	YI-1B12
	404	59	211	287,0	158,8	79,4	4	3/4	NO	371	YI-1B14
	387	59	183	287,0	158,0	79,4	4	3/4	NO	*372	

*Do not use below 94mm as an actuator.

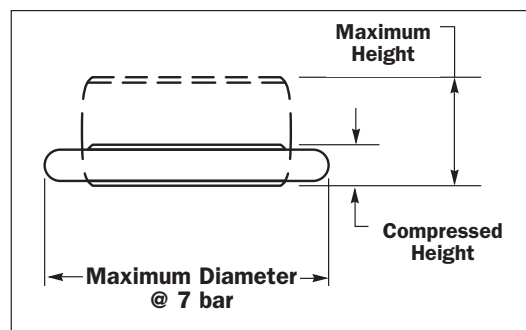
**Do not use below 89mm as an actuator.

NOTE: * denotes regularly stocked Enidine product; available with shortest lead times.

* In the "Isolation Specification" section, there is a column titled: "% Isolation At Input Frequency." The figures in this column reflect the approximate percentage of isolation obtainable if the design height is at the center of the design height range, and the load per air spring is within the isolator load range. If the design height is above or below the design height range, vibration isolation may be slightly higher or lower, respectively.



Single Bellows Type



Metric Sleeve Type

	ENVELOPE DIMENSIONS			MOUNTING DIMENSIONS			FEATURES			MODEL NUMBER	
	MAX. Ø @ 7 BAR (mm)	COMPRESSED HEIGHT (mm)	MAXIMUM HEIGHT (mm)	A UPPER END PLATE DIAM. (mm)	B LOWER END PLATE DIAM. (mm)	D THREAD SIZE (mm)	END RETAINER STYLE	AIR FITTING PORT (BSP)	INTERNAL BUMPER	ASSEMBLY NUMBER	PRODUCT DESCRIPTION NUMBER
	92	39	92	61,0	86,4	M8	1	1/8	NO	*016	YI-1S3
	117	56	181	104,1	104,1	M8	1	1/8	NO	*155	YI-1S4

NOTE: * denotes regularly stocked Enidine product; available with shortest lead times.



Sleeve Type

