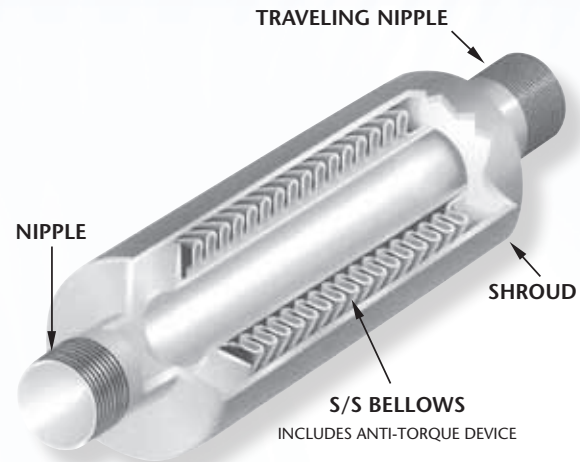


EXPANSION COMPENSATORS

Here's the perfect way to absorb pipe motion in small diameter systems. Series H2 High pressure types permit 2" pipe motion — 1 3/4" compression and 1/4" extension. Series H3 High pressure types permit 3" pipe motion 2 3/4" compression and 1/4" extension. Senior Flexonics Canada expansion compensators provide the lowest cost method to take up thermal growth.

Senior Flexonics Canada compensators are externally pressurized as opposed to the standard internally pressurized models. The external pressurization principle eliminates the possibility of the bellows buckling, which is one of the major causes of compensator failure.



How to order:
Example P/N

DIA	STYLE
1.25	HMTC

SPECIFICATIONS: SERIES H2,H3,& HB

High Pressure	Pipe Size (in.)	Style	Max. Wkg. psig	Test psig	Overall Length (ins.)	Outside Diameter (lbs/in.)	Axial Sp. Rate (lbs/in.)	Effective Area (ins. ²)	Weight (lbs.)
Steel Piping Systems- MODEL H2 Stroke-1 3/4" compression; 1/4" extension (Total stroke 2") Maximum Operating Temperature - 750° F. Maximum Working Pressure - 200 psig Maximum Test Pressure - 300 psig Fittings-Weld Ends (WE) Fittings-Male Thread Ends (MMT) Stainless steel bellows, Steel shroud and fitting	3/4	H2-MMT	200	300	12 1/8	3	141	2.20	5.5
	3/4	H3-MMT	200	300	16 3/4	3	126	2.20	6.6
	1	H2-MMT	200	300	12 1/8	3 1/2	171	3.50	7.1
	1	H3-MMT	200	300	16 3/4	3 1/2	165	3.50	8.4
	1 1/4	H2-MMT	200	300	14 1/8	4	162	4.84	10.2
	1 1/4	H3-MMT	200	300	16 1/8	4	167	4.84	10.8
	1 1/2	H2-MMT	200	300	14 1/8	4 1/2	262	6.50	12.3
	1 1/2	H3-MMT	200	300	16 1/8	4 1/2	262	6.50	13
	2	H2-MMT	200	300	14 1/8	4 1/2	269	7.60	13.2
	2	H3-MMT	200	300	15 7/8	4 1/2	269	7.60	13.9
Steel Piping Systems- MODEL H3 Stroke-2 3/4" compression; 1/4" extension (Total stroke 3") Maximum Operating Temperature - 750° F. Maximum Working Pressure - 200 psig Maximum Test Pressure - 300 psig Fittings-Weld Ends (HWE), Male Thread Ends (MMT), Flanged Ends (FF) Stainless steel bellows, Steel shroud and fittings	2 1/2	H2-MMT	200	300	15 1/2	5 1/2	362	12.9	19.6
	2 1/2	H2-HWE	200	300	15 1/2	5 1/2	362	12.9	19.6
	2 1/2	H3-MMT	200	300	16 1/2	5 1/2	362	12.9	19.8
	2 1/2	H3-HWE	200	300	16 1/2	5 1/2	362	12.9	19.8
	3	H2-MMT	200	300	15 3/16	6 1/2	413	16.1	24.2
	3	H2-HWE	200	300	15 3/16	6 1/2	413	16.1	24.2
	3	H3-MMT	200	300	21	6 1/2	413	16.1	36.3
	3	H3-HWE	200	300	21	6 1/2	413	16.1	36.3
COPPER Piping Systems Stroke-1 3/4" compression; 1/4" extension (Total stroke 2") Maximum Operating Temperature - 400° F. Maximum Working Pressure - 200 psig Maximum Test Pressure - 300 psig Fittings-Copper Female Sweat Ends (FFS) Stainless steel bellows and shroud	3/4	HB-FFS	200	300	12 1/2	2 3/8	227	2.2	2.2
	1	HB-FFS	200	300	12 1/2	2 3/8	145	2.2	2.4
	1 1/4	HB-FFS	200	300	13 13/16	2 3/4	175	2.7	3.1
	1 1/2	HB-FFS	200	300	13 13/16	2 3/4	196	3.5	3.3
	2	HB-FFS	200	300	13 13/16	3 3/4	282	6.5	5.5
	2 1/2	HB-FFS	200	300	14 7/16	4 3/8	337	9.6	7.5
	3	HB-FFS	200	300	14 7/16	5	389	12.9	10.0

CAUTION: Manufacturing process utilizes silver brazing. Do not exceed 1,000°F. during installation.

NOTE: (1) H2 & H3 Compensators are available with Flanged Ends. Consult factory for details.
(2) Stainless steel components should not be used in systems containing excessive chlorides. Premature failure may result.