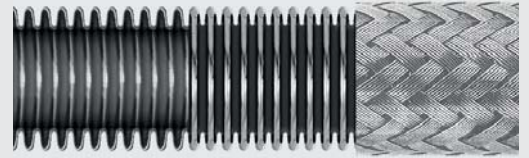


ANACONDA CORRUGATED METAL HOSE

HIGH PRESSURE

BW 856



Anaconda butt welded corrugated stainless steel hose type BW856 is designed for conveying chemicals, gases, steam, etc. It is suitable for use under full vacuum and as a temperature range of cryogenic to ca. +600°C*. Type BW856 engineered design and construction allows it to operate at higher pressures than the standard and medium series. Its durable construction makes it suitable for severe applications, vibrations and high pressures.

Burst pressure: The burst pressure of hose with braid is at least 4 times the working pressure.

Material specifications: The core is manufactured from AISI 316 L (1.4404) stainless steel with a heavy stainless steel AISI 304 (1.4301) wire braid covering. Other alloys are available; consult your Anamet representative.

Types:

- BW856-0 corrugated stainless steel hose, unbraided
- BW856-1H corrugated stainless steel hose, with one heavy braid
- BW856-2H corrugated stainless steel hose, with two heavy braids

Nominal I.D.		Type	Max O.D. (mm)	Min c/I Bending Radius**		Min. exposed length for normal vibration (mm)	Rated pressure data at 20 °C***		Approx. weight (Kg/m)
(mm)	(inch)			Flexing bend (mm)	Permanent bend (mm)		Max working pressure (bar)	Max test pressure (bar)	
6	1/4"	BW856-0	10,5	140	25	115	12	12	0,15
		BW856-1H	11,9				230	345	0,26
		BW856-2H	13,3				275	413	0,37
10	3/8"	BW856-0	16,4	205	40	125	7	7	0,30
		BW856-1H	18,4				150	225	0,50
		BW856-2H	20,4				190	285	0,70
12	1/2"	BW856-0	21,4	205	40	140	6	6	0,58
		BW856-1H	24,0				132	198	0,89
		BW856-2H	26,6				225	338	1,20
20	3/4"	BW856-0	31,3	205	55	150	5	5	1,07
		BW856-1H	34,1				90	135	1,51
		BW856-2H	36,9				145	218	1,95
25	1"	BW856-0	38,7	230	80	180	3	3	1,37
		BW856-1H	41,5				85	128	2,03
		BW856-2H	44,3				118	177	2,69
32	1.1/4"	BW856-0	47,8	255	85	205	2	2	1,89
		BW856-1H	50,6				64	96	2,64
		BW856-2H	53,4				112	168	3,39
40	1.1/2"	BW856-0	56,4	255	85	215	1	1	1,92
		BW856-1H	59,9				60	90	2,96
		BW856-2H	63,4				96	144	4,00
50	2"	BW856-0	64,8	295	140	240	1	1	1,90
		BW856-1H	68,3				55	83	3,36
		BW856-2H	71,8				85	128	4,74
65	2.1/2"	BW856-0	83,0	610	180	255	0,7	0,7	3,19
		BW856-1H	87,3				38	57	4,77
		BW856-2H	91,6				64	96	6,35
75	3"	BW856-0	97,0	715	195	280	0,7	0,7	5,12
		BW856-1H	101,3				34	51	7,01
		BW856-2H	105,6				55	83	8,90
100	4"	BW856-0	123,2	1020	510	305	0,5	0,5	4,65
		BW856-1H	127,5				24	36	6,81
		BW856-2H	131,8				35	53	8,97
150	6"	BW856-0	176,6	1220	610	370	0,3	0,3	5,38
		BW856-1H	180,9				18	27	9,26
		BW856-2H	185,2				28	42	13,14

* For working temperatures above 400°C environmental conditions are to be considered - consult your Anamet representative.

** It is recommended to increase the minimum bend radius with 25% when high pressures or temperatures are involved.

*** For temperatures higher than room temperature use the applicable temperature correction factor.