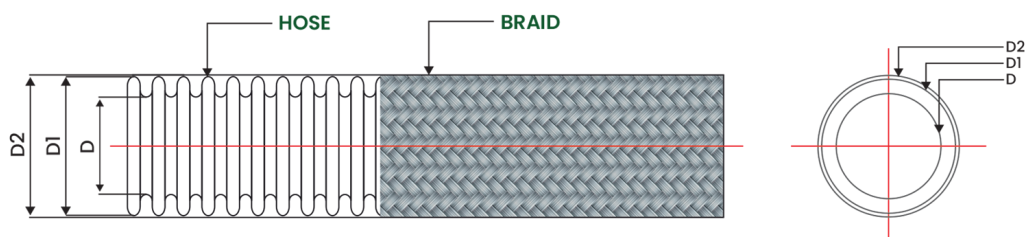


PH 2300 SERIES - HFH



Structure	Annular corrugated mechanical or hydroformed flexible metal hoses produced from longitudinally welded tubes with or without braiding
Characteristics	Standard Pitch / Standard Flexibility / Heavy Wall Thickness
Standards	EN ISO 10380
Hose Material	Stainless Steel AISI 304, AISI 321, AISI 316L
Braiding Material	Stainless Steel AISI 304, AISI 304L, AISI 316L & AISI 321
Suitable Fittings Types	Threaded end, Flange end, Pipe end etc as per customer specifications



Metric System

Item Code	DN	Braids	Braid Construction (No of Carriers X No of Strands X Wire Diameter)	Braid	 ID	 OD	 WP	 BP	 BR/r	 W	
				Coverage	(D)	(D1 & D2)	(Max) 20°C	(Min) 20°C	Dynamic	Static	Weight
	mm			%	mm	mm	bar	bar	mm	mm	kg/m
PH2300R00006	6	0			6.0	10.1	13.8	---	---	---	0.110
PH2300R1R006		1	24 X 4 X 0.4	98	6.0	12.2	200.0	800	125.0	26.0	0.255
PH2300R2R006		2			6.0	13.6	300.0	1200	---	---	0.400
PH2300R00008	8	0			7.6	12.2	12.4	---	---	---	0.150
PH2300R1R008		1	24 X 5 X 0.4	98	7.6	14.7	175.0	700	125.0	26.0	0.320
PH2300R2R008		2			7.6	16.1	262.5	1050	---	---	0.490
PH2300R00010	10	0			11.0	16.0	6.9	---	---	---	0.185
PH2300R1R010		1	24 X 7 X 0.4	98	11.0	18.0	120.0	480	140.0	32.0	0.430
PH2300R2R010		2			11.0	19.4	180.0	720	---	---	0.665
PH2300R00012	12	0			14.5	21.1	5.5	---	---	---	0.290
PH2300R1R012		1	24 X 7 X 0.4	94	14.5	22.9	90.0	360	155.0	40.0	0.560
PH2300R2R012		2			14.5	24.3	135.0	540	---	---	0.830
PH2300R00020	20	0			20.6	30.7	4.8	---	---	---	0.720
PH2300R1R020		1	36 X 8 X 0.4	95	20.6	32.5	75.0	300	205.0	58.0	1.130
PH2300R2R020		2			20.6	33.9	112.5	450	---	---	1.510
PH2300R00025	25	0			27.0	38.2	2.8	---	---	---	0.880
PH2300R1R025		1	36 X 9 X 0.4	98	27.0	40.2	55.0	220	230.0	70.0	1.350
PH2300R2R025		2			27.0	41.6	82.5	330	---	---	1.820
PH2300R00032	32	0			31.6	45.0	1.7	---	---	---	0.930
PH2300R1R032		1	48 X 9 X 0.4	95	31.6	46.6	42.0	168	270.0	90.0	1.490

Item Code	DN	Braids	Braid Construction (No of Carriers X No of Strands X Wire Diameter)	Braid	 ID	 OD	 WP	 BP	 BR/r	 W	
				Coverage	(D)	(D1 & D2)	(Max) 20°C	(Min) 20°C	Dynamic	Static	Weight
	mm			%	mm	mm	bar	bar	mm	mm	kg/m
PH2300R2R032		2			31.6	48.2	63.0	252	---	---	2.045
PH2300R00040		0			41.5	55.5	1.4	---	---	---	1.130
PH2300R1R040	40	1	48 X 10 X 0.4	95	41.5	57.1	38.0	152	310.0	100.0	1.770
PH2300R2R040		2			41.5	58.7	57.0	228	---	---	2.410
PH2300R00050		0			51.5	66.3	1.0	---	---	---	1.400
PH2300R1R050	50	1	48 X 10 X 0.5	95	51.5	68.3	38.0	152	390.0	130.0	2.400
PH2300R2R050		2			51.5	70.3	57.0	228	---	---	3.400
PH2300R00065		0			64.8	83.0	0.8	---	---	---	1.590
PH2300R1R065	65	1	72 X 8 X 0.5	94	64.8	85.0	34.0	136	460.0	200.0	2.760
PH2300R2R065		2			64.8	87.0	51.0	204	---	---	3.940
PH2300R00080		0			79.8	97.5	0.7	---	---	---	1.780
PH2300R1R080	80	1	72 X 9 X 0.5	96	79.8	100.0	27.0	108	570.0	230.0	3.090
PH2300R2R080		2			79.8	102.0	40.5	162	---	---	4.390
PH2300R00100		0			99.8	120.0	0.6	---	---	---	2.500
PH2300R1R100	100	1	72 X 11 X 0.5	96	99.8	122.5	20.0	80	690.0	330.0	4.100
PH2300R2R100		2			99.8	124.5	30.0	120	---	---	5.700
PH2300R00125		0			126.0	149.0	0.4	---	---	---	3.600
PH2300R1R125	125	1	72 X 11 X 0.7	93	126.0	152.0	16.0	64	1,000.0	350.0	6.720
PH2300R2R125		2			126.0	155.0	24.0	96	---	---	9.840
PH2300R00150		0			150.0	176.0	0.3	---	---	---	5.700
PH2300R1R150	150	1	72 X 12 X 0.7	90	150.0	179.5	14.0	56	1,250.0	400.0	9.100
PH2300R2R150		2			150.0	183.0	21.0	84	---	---	12.500
PH2300R00200		0			200.0	228.0	0.3	---	---	---	8.000
PH2300R1R200	*200	1	96 X 25 X 0.5	92	200.0	238.0	17.0	68	1,600.0	520.0	13.700
PH2300R2R200		2			200.0	248.0	25.5	102	---	---	19.500
PH2300R00250		0			250.0	278.0	0.2	---	---	---	10.200
PH2300R1R250	*250	1	96 X 25 X 0.7	93	250.0	292.0	16.0	64	2,000.0	620.0	19.700
PH2300R2R250		2			250.0	306.0	24.0	96	---	---	29.700
PH2300R00300		0			300.0	334.0	0.2	---	---	---	15.000
PH2300R1R300	*300	1	96 X 25 X 0.7	93	300.0	348.0	12.0	48	2,400.0	725.0	25.870
PH2300R2R300		2			300.0	362.0	18.0	72	---	---	36.870

*Braided Braid

Imperial System

Item Code	DN	Braids	Braid Construction (No of Carriers X No of Strands X Wire Diameter)	Braid	 ID	 OD	 WP	 BP	 BR/r	 W	
				Coverage	(D)	(D1 & D2)	(Max) 70°F	(Min) 70°F	Dynamic	Static	Weight
	inch			%	inch	inch	psi	psi	inch	inch	lbs/ft
PH2300R00006	1/4	0			0.2	0.4	200	---	---	---	0.070
PH2300R1R006		1	24 X 4 X 0.016	98	0.2	0.5	2900	11600	5.00	1.00	0.170
PH2300R2R006		2			0.2	0.5	4350	17400	---	---	0.270
PH2300R00008	5/16	0			0.3	0.5	180	---	---	---	0.100
PH2300R1R008		1	24 X 5 X 0.016	98	0.3	0.6	2535	10140	5.00	1.00	0.220
PH2300R2R008		2			0.3	0.6	3800	15200	---	---	0.330
PH2300R00010	3/8	0			0.4	0.6	100	---	---	---	0.120
PH2300R1R010		1	24 X 7 X 0.016	98	0.4	0.7	1740	6960	5.50	1.25	0.290
PH2300R2R010		2			0.4	0.8	2610	10440	---	---	0.450
PH2300R00012	1/2	0			0.6	0.8	80	---	---	---	0.190
PH2300R1R012		1	24 X 7 X 0.016	94	0.6	0.9	1300	5200	6.00	1.50	0.380

Item Code	DN	Braids	Braid Construction (No of Carriers X No of Strands X Wire Diameter)	Braid	 ID	 OD	 WP	 BP	 BR/r	 W	
	Coverage			(D)	(D1 & D2)	(Max) 70°F	(Min) 70°F	Dynamic	Static		Weight
	%			inch	inch	psi	psi	inch	inch		lbs/ft
PH2300R2R012		2			0.6	1.0	1950	7800	---	---	0.560
PH2300R00020	3/4	0			0.8	1.2	70	---	---	---	0.500
PH2300R1R020		1	36 X 8 X 0.016	95	0.8	1.3	1085	4340	8.00	2.25	0.760
PH2300R2R020		2			0.8	1.4	1630	6520	---	---	1.010
PH2300R00025	1	0			1.1	1.5	40	---	---	---	0.580
PH2300R1R025		1	36 X 9 X 0.016	98	1.1	1.6	725	3190	9.00	2.75	0.900
PH2300R2R025		2			1.1	1.6	1087.5	4785	---	---	1.220
PH2300R00032	1 1/4	0			1.2	1.8	25	---	---	---	0.630
PH2300R1R032		1	48 X 9 X 0.016	95	1.2	1.8	609	2436	10.50	3.50	1.000
PH2300R2R032		2			1.2	1.9	914	3656	---	---	1.370
PH2300R00040	1 1/2	0			1.6	2.2	20	---	---	---	0.760
PH2300R1R040		1	48 X 10 X 0.016	95	1.6	2.2	550	2200	12.00	4.00	1.170
PH2300R2R040		2			1.6	2.3	825	3300	---	---	1.590
PH2300R00050	2	0			2.0	2.6	15	---	---	---	0.940
PH2300R1R050		1	48 X 10 X 0.020	95	2.0	2.7	550	2200	15.00	5.00	1.610
PH2300R2R050		2			2.0	2.8	825	3300	---	---	2.280
PH2300R00065	2 1/2	0			2.5	3.3	12	---	---	---	1.070
PH2300R1R065		1	72 X 8 X 0.020	94	2.5	3.4	493	1972	20.00	8.00	1.860
PH2300R2R065		2			2.5	3.4	740	2958	---	---	2.650
PH2300R00080	3	0			3.1	3.8	10	---	---	---	1.200
PH2300R1R080		1	72 X 9 X 0.020	96	3.1	3.9	392	1568	22.00	9.00	2.070
PH2300R2R080		2			3.1	4.0	588	2352	---	---	2.950
PH2300R00100	4	0			3.9	4.7	8	---	---	---	1.680
PH2300R1R100		1	72 X 11 X 0.020	96	3.9	4.8	290	1160	27.00	13.00	2.750
PH2300R2R100		2			3.9	4.9	435	1740	---	---	3.820
PH2300R00125	5	0			5.0	5.9	6	---	---	---	2.420
PH2300R1R125		1	72 X 11 X 0.028	93	5.0	6.0	232	928	40.00	14.00	4.520
PH2300R2R125		2			5.0	6.1	348	1392	---	---	6.610
PH2300R00150	6	0			5.9	6.9	4	---	---	---	3.830
PH2300R1R150		1	72 X 12 X 0.028	90	5.9	7.0	203	812	49.00	16.00	6.110
PH2300R2R150		2			5.9	7.2	305	1220	---	---	8.400
PH2300R00200	*8	0			7.9	9.2	4	---	---	---	5.400
PH2300R1R200		1	96 X 25 X 0.020	92	7.9	9.4	247	988	63.00	20.50	9.210
PH2300R2R200		2			7.9	9.8	370	1480	---	---	13.100
PH2300R00250	*10	0			9.8	10.9	3	---	---	---	6.860
PH2300R1R250		1	96 X 25 X 0.028	93	9.8	11.5	232	928	80.00	25.00	13.240
PH2300R2R250		2			9.8	12.1	348	1392	---	---	19.960
PH2300R00300	*12	0			11.8	13.2	3	---	---	---	10.080
PH2300R1R300		1	96 X 25 X 0.028	93	11.8	13.7	174	696	95.00	29.00	17.380
PH2300R2R300		2			11.8	14.2	261	1044	---	---	24.780

*Braided Braid

Note

- Test Pressure is 1.5 times of Working Pressure @ 70°F / 20°C.
- WP - Working Pressure, BP - Burst Pressure.
- Contact Factory for Temperature correction Factor.