Convoluted S.S. AISI 321 hose with two braids S.S. AISI 304 M93212050

Documentation publisher / supplier: DICSA

Manufacturer part number / published order designation: M93212050

Published model: M93212050

About this compilation

Prepared by Hydmaster from selected manufacturer documentation. Original technical pages follow without cropped drawings, rewritten data or altered units. This cover and index are Hydmaster editorial material, not a manufacturer-issued exact-execution datasheet.

Coverage: selected pages relevant to the identified size and configuration. Other options or neighbouring models retained on an original page apply only where explicitly identified.

Execution notes and conditions

The excerpt preserves the currently linked technical catalogue edition; differently coded newer product-card variants are not treated as equivalent.

Rows and illustrations for other sizes retained on the same original page are not assigned to this article.

Source-page index

Source page numbers below are physical pages of each complete original PDF. The original printed page labels and technical content remain unchanged. Compiled page numbers count this cover/index.

Source A: DICSA Hydraulic Hoses - Technical Catalogue

Original pages	Compiled pages	Relevant content
118	2	Exact M93212050 row with the family construction, application, composition, size and stated pressure/temperature/geometry conditions. Includes temperature/vibration/flow-mode pressure correction factors; tabulated pressure is at20°C.

Inox corrugado AISI 321 con 2 mallas AISI 304

Convoluted Stainless Steel AISI 321 with 2 braids SS AISI 304
Onduleux inox AISI 321 avec 2 tresses inox. AISI 304

-270°C → +550°C

4 : 1

COMPOSICIÓN · COMPOSITION · COMPOSITION

// **INOX corrugado** // Convoluted stainless steel // Onduleux inox — AISI 321

2 // **Mallas INOX** // Stainless steel braids // Tresses en acier inox — AISI 304

	DN	mm	mm	bar	psi	bar	psi	mm (E)	mm (F)	kg/m
M93212006	1/4"	6,2	11,8	192	2784	768	11136	25	85	0,4
M93212010	3/8"	10,3	16,5	136	1972	544	7888	38	140	0,55
M93212012	1/2"	12,2	19	128	1856	512	7424	45	140	0,7
M93212020	3/4"	20,2	30	102,4	1484,8	409,6	5939,2	70	170	0,975
M93212025	1"	25,4	35	80	1160	320	4640	85	190	1,2
M93212032	1" 1/4	34,3	44,5	64	928	256	3712	105	260	2,05
M93212040	1" 1/2	40,1	52,8	56	812	224	3248	130	300	2,6
M93212050	2"	50,3	63,8	48	696	192	2784	160	320	2,8
M93212065	2" 1/2	65,6	84,8	38,4	556,8	153,6	2227,2	180	410	3,6
M93212080	3"	80,3	98,7	28,8	417,6	115,2	1670,4	200	450	4,6
M93212100	4"	100,8	121	25,6	371,2	102,4	1484,8	290	560	5,6

Temperature: 20°C

$$P_w = P_N \times f_t \times f_{dyn}$$

T (ºC)	-200/ +20	20	50	100	150	200	250	300	350	400	450	500	550
FACTOR CORRECCIÓN TEMPERATURA (f_t) *TEMPERATURE CORRECTION FACTOR (f_t)* FACTEUR CORRECTION TEMPERATURE (f_t)	1	1	0,93	0,83	0,78	0,74	0,7	0,66	0,64	0,62	0,6	0,59	0,58

FACTOR CORRECCIÓN VIBRACIÓN (f_{dyn}) *VIBRATION CORRECTION FACTOR (f_{dyn})* FACTEUR CORRECTION VIBRATION (f_{dyn})	**Sin Vibración, vibración baja o lenta** *Without vibration, low or slow vibration* Sans vibration, vibration faible ou lente	**Baja vibración, movimiento uniforme o frecuente** *Low vibration, frequent uniform motion* Vibration faible, movement uniforme fréquent	**Alta vibración, movimiento continuo rítmico** *Strong vibration, rythmical ongoing motion* Haute vibration, mouvement rhytmique continue
Flujo estacionario lento uniforme/ *Stationary or slow uniform slow*/ Débit stationnaire uniform ou lent	1	0,8	0,4
Flujo pulsátil y creciente/ *Pulsating and swelling flow*/Débit pulsatile et croissante	0,8	0,64	0,32
Flujo rítmico y discontinuo/ *Rhythmical and discontinous flow*/ Débit rhytmique et discontinue	0,4	0,32	0,16