

Nominal bore	DN	5	6	8	10	12	16	19	25	31	38	51	
Internal diameter	inches	3/16"	1/4"	5/16"	3/8"	1/2"	5/8"	3/4"	1"	1.1/4"	1.1/2"	2"	
	mm	4,8	6,4	7,9	9,5	12,8	16,0	19,0	25,4	31,8	38,1	50,8	
1SN EVERGREEN FOREVER ICEBERG	B12T	B12T03N	B12T04N	B12T05N	B12T06N	B12T08N	B12T10N	B12T12N	B12T16N	B12T20N	B12T24N	B12T32N	
		15,8	17,6	18,6	20,5	23,0	27,0	30,5	39,0	48,5	56,6	70,3	
	B1SC	B1SC04	B1SC05	B1SC06	B1SC08	B1SC10	B1SC12	B1SC16					
		15,9	17,8	19,8	23,2	27,4	30,2	37,9					
B1T	B1T03	B1T04	B1T05	B1T06	B1T08	B1T10	B1T12	B1T16	B1T20	B1T24			
	15,2	16,4	18,2	20,1	24,2	26,4	30,8	38,9	47,0	54,0			
B1R	B1R03	B1R04	B1R05	B1R06	B1R08	B1R10	B1R12	B1R16	B1R20	B1R24	B1R32		
	15,2	17,2	18,8	21,0	25,4	28,2	32,2	39,8	46,6	53,0	66,2		
		18	21	22	23	25	28	34	37	43	47	62	
2SN EVERGREEN FOREVER ICEBERG	B12T	B12T03N	B12T04N	B12T05N	B12T06N	B12T08N	B12T10N	B12T12N	B12T16N	B12T20N	B12T24N	B12T32N	
		16,0	18,7	19,6	21,3	24,3	28,2	32,1	40,3	51,0	59,0	72,7	
	B2T	B2T03	B2T04	B2T05	B2T06	B2T08	B2T10	B2T12	B2T16	B2T20	B2T24		
		15,7	18,0	20,2	21,4	25,6	28,5	32,0	41,0	50,0	57,5		
B2R	B2R03	B2R04	B2R05	B2R06	B2R08	B2R10	B2R12	B2R16	B2R20	B2R24	B2R32		
	17,6	17,8	20,3	23,0	25,7	29,0	33,5	41,2	50,8	56,7	69,5		
		18,5	21	22	23	25	28	34	37	43	47	64	
FORTHREE ICEBERG	B2R	B2R04	B2R06	B2R08	B2R10	B2R12	B2R16						
		19,0	24,0	26,8	30,3	34,8	42,1						
		21	23	25	28	34	37						
1SC / 1SC PLUS EVERGREEN FOREVER ICEBERG VULCAN	B1SC	B1SC04	B1SC05	B1SC06	B1SC08	B1SC10	B1SC12	B1SC16					
		15,3	16,8	18,8	22,5	26,4	29,4	36,9					
B1K	B1K04	B1K05	B1K06	B1K08	B1K10	B1K12	B1K16	B1K20	B1K24	B1K32			
	15,0	16,3	18,6	22,7	26,4	29,5	37,9	44,8	51,3	64,6			
2SC / 2SC PLUS EVERGREEN FOREVER ICEBERG VULCAN	B12T	B12T04N	B12T05N	B12T06N	B12T08N	B12T10N	B12T12N	B12T16N	B12T20N	B12T24N	B12T32N		
		17,9	18,8	20,2	23,5	27,4	30,9	39,1	48,7	56,2	71,0		
B1SC	B1SC04	B1SC05	B1SC06	B1SC08	B1SC10	B1SC12	B1SC16						
	16,2	18,0	19,5	23,2	27,4	30,3	37,9						
STRONGER/1	B1R	B1R03	B1R04	B1R05	B1R06	B1R08	B1R10	B1R12	B1R16	B1R20			
		15,4	17,3	18,6	20,5	25,2	27,4	31,0	39,0	45,7			
		18	21	22	23	25	28	34	37	43			
B12T	B12T03N	B12T04N	B12T05N	B12T06N	B12T08N	B12T10N							
	16,2	18,1	18,4	20,0	23,2	26,2							
B1SC	B1SC04	B1SC05	B1SC06	B1SC08	B1SC10	B1SC12	B1SC16						
	16,0	17,6	19,3	23,0	26,6	29,0	38,1						
STRONGER/2	B12T	B12T04N	B12T05N	B12T06N	B12T08N	B12T10N	B12T12N						
		18,5	19,0	21,3	23,4	27,7	31,2						
B1R	B1R04	B1R05	B1R06	B1R08	B1R10	B1R12	B1R16	B1R20					
	17,2	19,2	21,5	25,5	28,5	32,5	40,0	47,4					
JACK	B12T	B12T04N	B12T06N										
		19,0	20,3										
MASTER 2SN	B2R	B2R04	B2R05	B2R06	B2R08	B2R10	B2R12	B2R16					
		17,6	20,0	22,9	26,0	29,4	33,6	41,6					
		21	22	23	25	28	34	37					
ALPI 3300 / R17	B1SC	B1SC04	B1SC05	B1SC06	B1SC08	B1SC10	B1SC12	B1SC16					
		15,6	16,9	18,8	22,5	28,0	30,6	37,9					

Nominal bore	DN	5	6	8	10	12	16	19	25	31	38	51
Internal diameter	inches	3/16"	1/4"	5/16"	3/8"	1/2"	5/8"	3/4"	1"	1.1/4"	1.1/2"	2"
	mm	4,8	6,4	7,9	9,5	12,8	16,0	19,0	25,4	31,8	38,1	50,8

ALPI 4000 / R19	B12T	B12T05N B12T06N B12T08N B12T10N B12T12N B12T16N									
		19,0	20,6	23,5	27,3	31,1	39,0				
B1SC	B1SC04		B1SC05	B1SC06	B1SC08	B1SC10	B1SC12	B1SC16			
	15,3	18,0	20,0	23,8	27,7	30,3	37,8				

SLIM	B1SC	B1SC04		B1SC05	B1SC06	B1SC08	B1SC12				
		15,0	16,8	18,2	21,9	28,7					
	B1K	B1K04		B1K05	B1K06	B1K08			B1K16		
13,8		15,7	18,1	21,7			35,3				
B7R	B7R03										
12,3											

SERVOCOMANDO	B1SC	B1SC04		B1SC05	B1SC06	B1SC08					
		15,5	17,0	18,7	22,5						

LIFT-PLUS	B12T											B12T24N	B12T32N
		56,8	71,0										
	B1SC							B1SC12		B1SC16			
29,2		36,4											
B1R											B1R20		
	45,6											43	

PREMIER	B12T	B12T04N		B12T05N	B12T06N	B12T08N	B12T10N	B12T12N	B12T16N			
		18,0	18,8	20,6	23,5	27,6	31,0	39,1				
B1SC	B1SC04		B1SC05	B1SC06	B1SC08	B1SC10	B1SC12	B1SC16				
	16,2	17,8	20,0	23,8	28,0	30,3	37,9					

VULCAN/1 (NO SKIVE ONLY FOR LOW PRESSURE APPLICATIONS)	B1R	B1R03	B1R04	B1R05	B1R06	B1R08	B1R10	B1R12	B1R16	B1R20	B1R24	B1R32	
		15,2	17,2	18,8	21,0	25,1	28,2	32,2	39,8	46,6	53,0	66,2	
	18	21	22	23	25	28	34	37	43	47	62		
	B1SC	B1SC04		B1SC05	B1SC06	B1SC08	B1SC10	B1SC12	B1SC16				
16,2		18,2	20,0	23,8	27,7	30,7	38,7						
B1T									B1T16	B1T20	B1T24		
	38,8	48,0	54,0										
B12T											B12T32N		
	70,2												

VULCAN/2	B2R	B2R03	B2R04	B2R05	B2R06	B2R08	B2R10	B2R12	B2R16	B2R20	B2R24	B2R32
		17,6	17,8	20,3	23,0	25,7	29,9	33,5	41,2	50,8	56,7	69,5
18,5	21	22	23	25	28	34	37	43	47	64		

VULCANAIR (#) = swaging tolerance +0/-0,1	B1SC #	B1SC04		B1SC05	B1SC06	B1SC08	B1SC10	B1SC12	B1SC16					
		15,4	22,3	26,5										
	B1K #	B1K04		B1K05	B1K06	B1K08	B1K10	B1K12	B1K16	B1K20	B1K24			
14,5		21,8	26,0	29,5	36,7	44,3	51,6							
B1T											B1T20	B1T24		
	45,3	52,6												

Nominal bore	DN	5	6	8	10	12	16	19	25	31	38	51
Internal diameter	inches	3/16"	1/4"	5/16"	3/8"	1/2"	5/8"	3/4"	1"	1.1/4"	1.1/2"	2"
	mm	4,8	6,4	7,9	9,5	12,8	16,0	19,0	25,4	31,8	38,1	50,8

TEKNOSPIR 4SP ICEBERG EVERGREEN FOREVER	B9R Skive	B9R04	B9R06	B9R08	B9R10	B9R12	B9R16	B9R20	B9R24	B9R32	
		21	23	27	31	36	44	54	62	64	
B6K No-Skive			B6K08		B6K12	B6K16					
			29,2		37,5	46,5					
B5K No-Skive			B5K06	B5K08	B5K10	B5K12	B5K16	B5K206			
			25,8	28,5	32,1	36	43,5	57,0			
KB4SH Interlock fittings					KB4SH12		KB4SH16				
					32,2		39,8				
HB4NS Hiperspiral fittings			HB4NS06	HB4NS08	HB4NS10	HB4NS12	HB4NS16				
			26,1	29,0	33,7	37,5	46,5				
HB6NS Hiperspiral fittings							HB6NS20				
							59,0				

TEKNOSPIR 4SH ICEBERG EVERGREEN FOREVER	B4SH Skive	B4SH20			B4SH24	B4SH32	
		47,7	58,0	70,5	54	62	64
B6K No-Skive			B6K12	B6K16			
			37,5	46,5			
B5K No-Skive			B5K12	B5K16	B5K204		
			36,0	43,5	54,0		
KB4SH Interlock fittings			KB4SH12	KB4SH16	KB4SH20	KB4SH24	KB4SH32
			33,9	41,5	49,9	57,2	74,2
HB4NS Hiperspiral fittings			15 / 52	17 / 67	21,5 / 74	22 / 81	29 / 85
			34,5	37,5	46,3	55,4	63,1

TEKNOSPIR R12 ICEBERG EVERGREEN FOREVER	B9R Skive	B9R06	B9R08	B9R10	B9R12	B9R16	B9R20	B9R24
		23	27	31	36	48	54	62
B6K No-Skive			B6K08		B6K12	B6K16		
			29,2		37,5	46,5		
B5K No-Skive			B5K06	B5K08	B5K10	B5K12	B5K16	B5K206
			26,2	28,5	31,6	35,8	43,5	56,0
KB4SH Interlock fittings							B4SH24	B4SH32
							58,9	70,6
HB4NS Hiperspiral fittings			HB4NS06	HB4NS08	HB4NS10	HB4NS12	HB4NS16	HB4NS20
			26,1	29,0	33,5	37,3	46,5	56,8

TEKNOSPIR R13 ICEBERG EVERGREEN FOREVER	B6K No-Skive	B6K12	B6K16				
		37,5	46,5				
KB4SH Interlock fittings			KB4SH12	KB4SH16	KB4SH20		
			34,7	42,2	49,8		
KBH13 Interlock fittings			15 / 52	17 / 67	21,5 / 74		
						KBH1324	KBH1332
HB4NS Hiperspiral fittings						61,0	78,2
						22 / 81	29 / 85
HB6NS Hiperspiral fittings			HB4NS12	HB4NS16	HB4NS20		
			37,5	46,5	55,5		
HB6NS Hiperspiral fittings					HB6NS20		
					59,0		

Nominal bore	DN	5	6	8	10	12	16	19	25	31	38	51
Internal diameter	inches	3/16"	1/4"	5/16"	3/8"	1/2"	5/8"	3/4"	1"	1.1/4"	1.1/2"	2"
	mm	4,8	6,4	7,9	9,5	12,8	16,0	19,0	25,4	31,8	38,1	50,8

TEKNOSPIR R15 ICEBERG EVERGREEN FOREVER	B6K No-Skive							B6K12 37,5	B6K16 46,5			
	KB4SH Interlock fittings							KB4SH12 33,9	KB4SH16 41,5			
	KBH13 Interlock fittings									KBH1320 54,6	KBH1324 60,9	KBH1332 77,4
	HB4NS Hiperspiral fittings						HB4NS10 34,5	HB4NS12 37,5	HB4NS16 46,5			
	HB6NS Hiperspiral fittings									HB6NS20 59,0		

ELASTIK/4000	B9R Skive							B9R12 34,0	B9R16 42,0	B9R20 53,2		
	B6K No-Skive							B6K12 37,5	B6K16 46,5			
	HB4NS Hiperspiral fittings							HB4NS12 37,3	HB4NS16 46,3	HB4NS20 58,0		

ELASTIK/5000	B9R Skive							B9R12 33,2	B9R16 41,6			
	B6K No-Skive							B6K12 37,5	B6K16 46,5			
	KB4SH Interlock fittings							KB4SH12 33,9	KB4SH16 41,3	KB4SH20 50,5		
	HB4NS Hiperspiral fittings							HB4NS12 37,3	HB4NS16 46,5	HB4NS20 57,0		

ELASTIK/6000	B6K No-Skive							B6K12 37,5	B6K16 46,5			
	KB4SH Interlock fittings							KB4SH12 33,9	KB4SH16 41,3			
	KBH13 Interlock fittings									KBH1320 53,3		
	HB4NS Hiperspiral fittings							HB4NS12 37,5	HB4NS16 46,5			
	HB6NS Hiperspiral fittings									HB6NS20 60,0		

Nominal bore	DN	5	6	8	10	12	16	19	25	31	38	51
Internal diameter	inches	3/16"	1/4"	5/16"	3/8"	1/2"	5/8"	3/4"	1"	1.1/4"	1.1/2"	2"
	mm	4,8	6,4	7,9	9,5	12,8	16,0	19,0	25,4	31,8	38,1	50,8
1TE / R6	B7R		B7R04 15,0	B7R05 16,6	B7R06 18,4	B7R08 22,6	B7R10 26,1	B7R12 29,3				
	B1K		B1K04 15,2	B1K05 16,7	B1K06 18,1	B1K08 22,2	B1K10 26,7	B1K12 29,9	B1K16 36,8			
	B1T	B1T03 15,2										
2TE	B7R		B7R04 15,5	B7R05 16,7	B7R06 18,5	B7R08 23,1						
	B1K		B1K04 14,8	B1K05 17,3	B1K06 18,0	B1K08 22,0		B1K12 29,9			B1K24 52,0	
	B3R						B3R10 27,1	B3R12 32,5	B3R16 40,8	B3R20 46,5		
	B1T	B1T03 16,0										
3TE	B1T	B1T03 15,8									B1T24 53,5	
	B3R		B3R04 16,6	B3R05 19,5	B3R06 21,5	B3R08 24,4	B3R10 28,4	B3R12 32,9	B3R16 41,2	B3R20 46,5		
R3	B3R					B3R08 25,0	B3R10 28,5	B3R12 35,8	B3R16 41,2			
R4								B3R12 33,6	B3R16 42,4	B3R20 48,8	B12T24N 58,7	B12T32N 71,7
									B12T16N 39,6			
R4 FLEX								B3R12 33,2	B3R16 41,5	B3R20 47,8	B1T24 54,7	B12T32N 73,7
R4 CORRUGATED								B3R12 33,5	B3R16 41,3	B3R20 48,7	B1T24 55	B12T32N 70,2

Nominal bore	DN	5	6	8	10	12	16	19	25	31	38	51
Internal diameter	inches	3/16"	1/4"	5/16"	3/8"	1/2"	5/8"	3/4"	1"	1.1/4"	1.1/2"	2"
	mm	4,8	6,4	7,9	9,5	12,8	16,0	19,0	25,4	31,8	38,1	50,8
R7	B7R	B7R03	B7R04	B7R05	B7R06	B7R08	B7R10	B7R12	B7R16			
		12,0	14,1	16,2	18,2	22,2	25,6	29,0	36,8			
	B1K		B1K04	B1K05	B1K06	B1K08						
			14,0	17,0	17,6	22,8						
R8	B7R	B7R03	B7R04		B7R06							
		11,8	13,8		18,2							
	B1K		B1K04	B1K05	B1K06	B1K08						
			14,0	16,7	18,4	22,4						
MTH1 EN853	B7R	B7R03	B7R04	B7R05	B7R06	B7R08	B7R10	B7R12	B7R16			
		12,0	14,1	16,2	18,2	22,2	25,6	29,0	36,8			
	B1K		B1K04	B1K05	B1K06	B1K08						
			13,8	17,0	18,0	21,7						
R18	B1SC		B1SC04		B1SC06							
			15,3		19,9							
	B7R	B703R	B704R									
		12,1	14,3									

Nominal bore	DN	5	6	8	10	12	16	19	25	31	38	51
Internal diameter	inches	3/16"	1/4"	5/16"	3/8"	1/2"	5/8"	3/4"	1"	1.1/4"	1.1/2"	2"
	mm	4,8	6,4	7,9	9,5	12,8	16,0	19,0	25,4	31,8	38,1	50,8
PTFE-1FHL SMALL THICKNESS	BPTFE	BPTFE03	BPTFE04	BPTFE05	BPTFE06	BPTFE08	BPTFE10	BPTFE12	BPTFE16			
		11,6	13,8	14,7	16,2	20,8	22,2	27,9	34,5			
PTFE-1FHM MEDIUM THICKNESS	BPTFE	BPTFE03	BPTFE04	BPTFE05	BPTFE06	BPTFE08	BPTFE10	BPTFE12	BPTFE16			
		11,6	13,8	14,7	16,2	20,8	22,2	27,9	34,5			
PTFE-CLWB CONVOLUTED	BPTFEC		BPTFEC04	BPTFEC05	BPTFEC06	BPTFEC08	BPTFEC10	BPTFEC12	BPTFEC16	BPTFEC20	BPTFEC24	BPTFEC32
			12,8	-	16,0	19,4	22,7	26,2	33,2	44,0	50,4	62,5
	B7R		B7R04				B7R10					
			12,8				24,3					

04/11/2019	Last date update
+0 / -0,2 mm	Tolerance on the pressing diameter
± 0,5mm	Tolerance on the skive lenght
	Box with pressing diameter controlled by our internal producrion (with GO-No GO gauges)
	Box with pressing diameter never checked
	Box indicating the ferrules recommended by the manufacturer for that type of hose

The control with the gauges GO/NO GO is always necessary

WIRE BRAIDED HOSES WITH STANDARD FITTINGS		GO, NO GO MANDRELS DIAMETERS (mm)	
		GO	NO-GO
03	3/16"	2,30	2,80
04	1/4"	3,30	3,75
05	5/16"	4,70	5,20
06	3/8"	6,05	6,55
08	1/2"	8,35	8,75
10	5/8"	10,85	11,40
12	3/4"	13,50	13,80
16	1"	18,50	19,20
20	1.1/4"	23,05	23,90
24	1.1/2"	29,80	30,70
32	2"	41,60	42,60

WIRE SPIRAL HOSES WITH STANDARD FITTINGS AND NO-SKIVE FERRULES		GO, NO GO MANDRELS DIAMETERS (mm)	
		GO	NO-GO
04	1/4"	3,15	3,60
06	3/8"	5,60	6,25
08	1/2"	7,60	8,40
10	5/8"	10,05	10,90
12	3/4"	12,35	13,30
16	1"	17,30	18,35
20	1.1/4"	22,25	23,35
24	1.1/2"	29,15	30,30
32	2"	40,70	42,00

WIRE SPIRAL HOSES WITH INTERLOCK FITTINGS		GO, NO GO MANDRELS DIAMETERS (mm)	
		GO	NO-GO
12	3/4"	12,15	13,10
16	1"	16,50	17,55
20	1.1/4"	22,25	23,35
24	1.1/2"	27,15	28,30
32	2"	38,70	40,00

*	Check with No-Go gauge diameter 19,65mm
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Date	Variation
02/03/2022	Update value of crimping and new ferrule for B5K no skive hoses (size 1" 1/4)
12/04/2022	Insert value of vulcan/1 size 1" with ferrule B1T16

Note: Considering the wide tolerance admitted on the hoses dimensions, the expressed crimping diameters have to be considered as approximate; therefore, it is recommended to use always the go - no go gauge in order to check the tail collapse.

Nota: Data la larga tolleranza ammessa sulle dimensioni dei tubi, le quote di pressatura espresse sono indicative; si consiglia pertanto di utilizzare sempre i tamponi passa - non passa per verificare il giusto collasso del codolo.

HIDRAX
HYDRAULIC CONNEXION

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