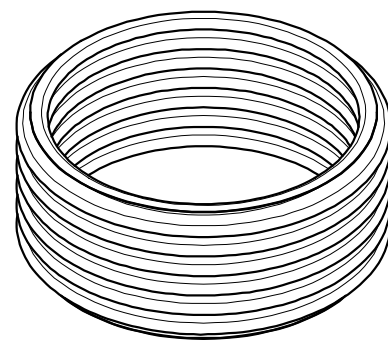


SINGLE PLY FORMED BELLOW
 MATERIAL: AISI 316L
 ID=165 mm
 OD=198 mm
 THICKNESS= 0.3 mm
 FREE LENGTH: 82.2 mm
 NUMBER OF CONVOLUTIONS: 6
 PITCH: 12.6 mm
 AXIAL STROKE: -15 mm / +15 mm (Note 1)
 INTERNAL PRESSURE: 0 bar
 EXTERNAL PRESSURE: 1 bar
 He LEAK TIGHTNESS <math>< 1 \times 10^{-10}</math> Pa m³/s
 AXIAL SPRING RATE: 27.9 N/mm
 WORKING TEMPERATURE: ROOM TEMPERATURE
 N. CYLES: 1000 MIN



NOTE 1

IF THE BELLOW IS PRODUCED WITH ADDITIONAL CONVOLUTIONS, THE TOTAL STROKE (± 15 mm) MUST BE WARRANTED BY THE REMAINING CONVOLUTIONS (AFTER THE MACHINING OF THE WELDING LIPS)

FOLLOWING DOCUMENTS ARE REQUIRED:

1. MATERIAL CERTIFICATE 3.1B EN 10204
2. TECHNICAL REPORT WITH CALCULATION CODE USED

APPLICARE LE PROCEDURE:
SLT-1
DCC-2
CLN-2
VLC-2
APPLICABLE PROCEDURES

AISI 316L	0,35 kg
MATERIALE Material	MASSA [kg] Mass [kg]

TOLLERANZE GENERALI	< 6	6-30	30-120	120-400	400-1000	>1000	< 10	10-50	50-120	120-400	> 400
General tolerances	UNI EN ISO 22768 - fH <input type="checkbox"/>	± 0.05	± 0.1	± 0.15	± 0.2	± 0.3	$\pm 1^\circ$	$\pm 0^\circ 30'$	$\pm 0^\circ 20'$	$\pm 0^\circ 10'$	$\pm 0^\circ 5'$
	UNI EN ISO 22768 - mK <input checked="" type="checkbox"/>	± 0.1	± 0.2	± 0.3	± 0.5	± 0.8					

	A TERMINI DI LEGGE CI RISERVIAMO LA PROPRIETA' DI QUESTO DISEGNO CON DIVIETO DI RIPRODURLO O DI RENDERLO COMUNQUE NOTO A TERZI SENZA LA NOSTRA AUTORIZZAZIONE AS BY LAW ENACTED WE RESERVE THE RIGHT OF OWNERSHIP OF DRAWING. THE DOCUMENT AND INFORMATIONS CONTAINED HEREIN MAY NOT BY COPIED USED OR DISCLOSED WITHOUT OUR PERMISSION		SPIGOLI NON QUOTATI ISO 13715 Edges of undefined shape ISO 13715	
	SIMBOLI DI RUGOSITA' ISO 1302 Symbols for roughness ISO 1302	DISEGNATO Draw	MARCO CANETTI	26/07/2023
	SCALA Scale	1:1	VERIFICATO Controlled	DANIELE EBRI 11/09/2023
FORMATO Size	A3	APPROVATO Released	CARLO BELLIERO 11/09/2023	

DESCRIZIONE Description	BELLOW DN 150	23130-1-23	REVISIONE Revision
----------------------------	---------------	------------	-----------------------