



Series/Serie

Y

SWIVEL JOINT
Snodi girevoli



Y

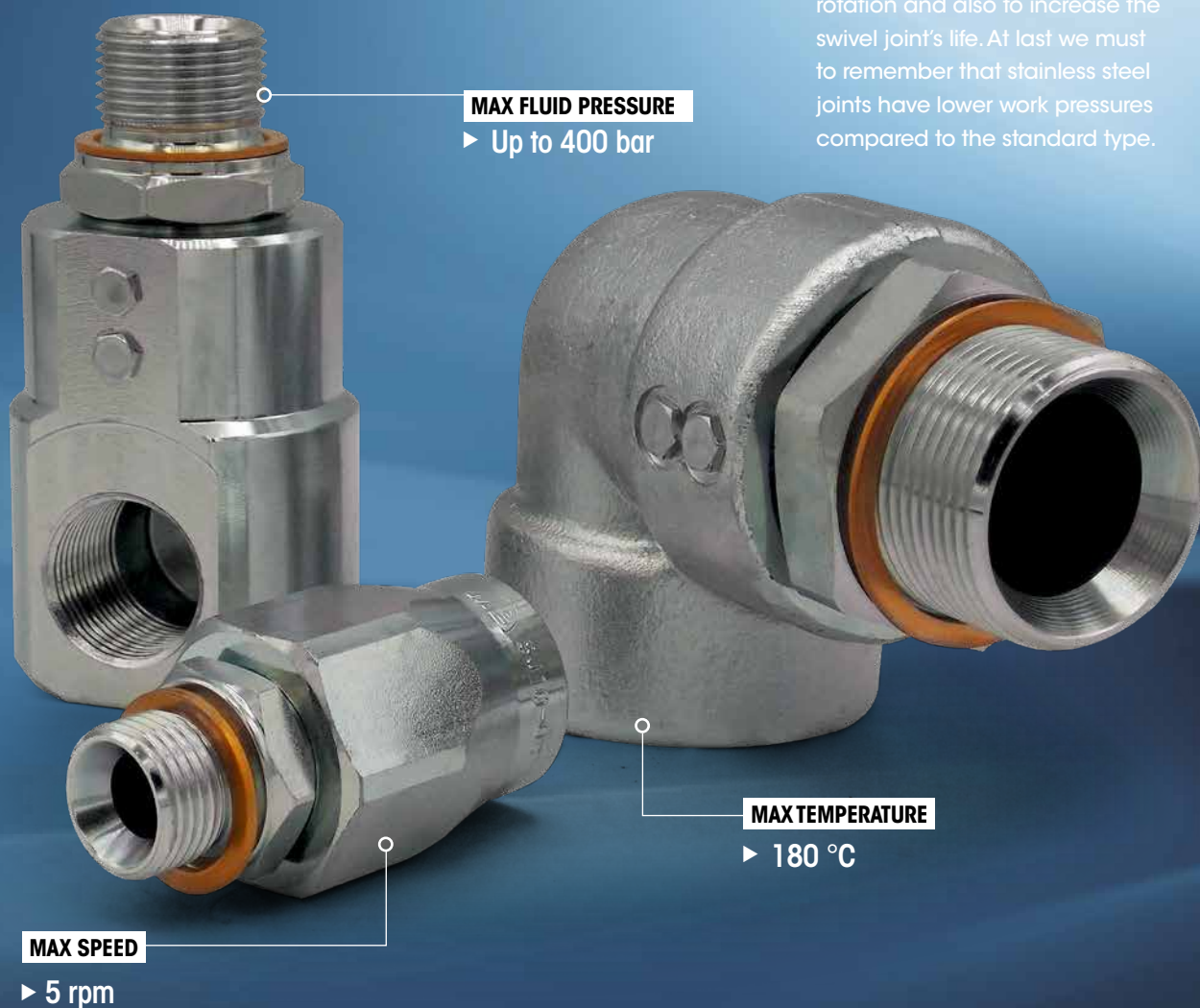
SWIVEL JOINT

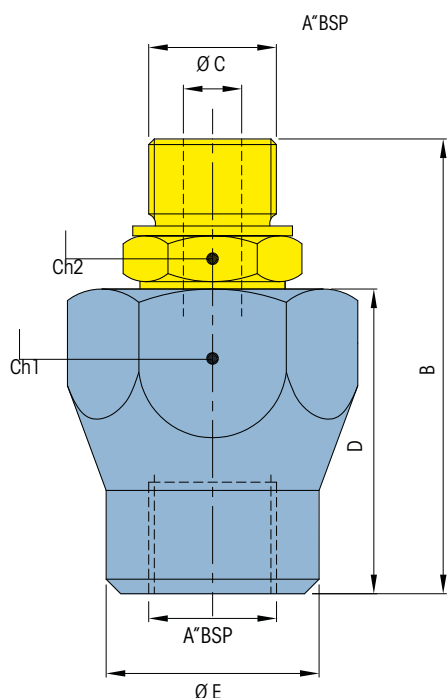
Snodi girevoli

I giunti girevoli della serie Y vengono in genere montati tra un tubo flessibile mobile e una parte rigida di una macchina per compensare torsioni e rotazioni occasionali: il movimento del perno sul proprio asse impedisce il danneggiamento del tubo. Sono utilizzati in tutti i settori produttivi ove vi siano mezzi, attrezzature o impianti dotati

di tubi flessibili in movimento. Sono disponibili anche in acciaio inossidabile AISI 316 dalla caratteristica colorazione nera-opaca di un particolare trattamento termico a cui sono sottoposti. Questo trattamento è fondamentale e viene eseguito per evitare il pericolo di grippaggio, molto alto, tra perno e corpo durante la rotazione e anche per aumentare la durata del giunto stesso. Si deve infine ricordare che i giunti in acciaio inossidabili hanno pressioni di utilizzo di 1/3 inferiori a quelle dei giunti standard.

The swivel joints of the Y series are designed to be mounted between a hose assembly and a rigid component of a machine in order to allow and compensate occasional rotations: the movement of the stem on his own axis prevents hose damages. They are used in every productive sector where there are means, equipments or plant with moving flexible hoses. These swivel joints are also available in stainless steel AISI 316: they are black-dull owing to a special nitrocarburizing. This basic treatment is done to avoid the danger of seizure, very high, between stem and body during rotation and also to increase the swivel joint's life. At last we must to remember that stainless steel joints have lower work pressures compared to the standard type.



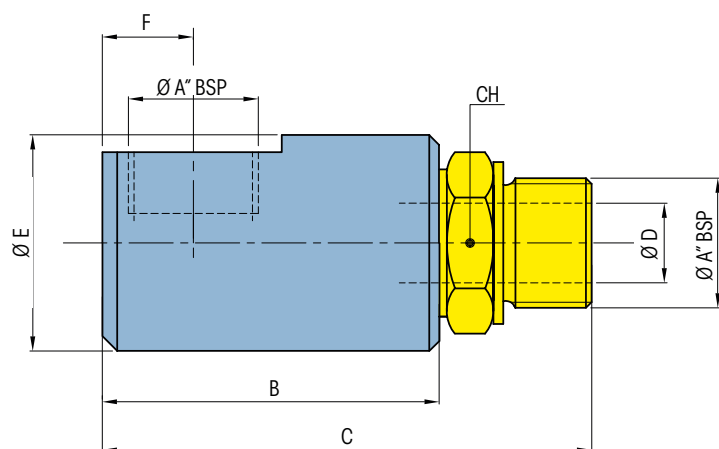


AXIAL VERSION / Versione assiale

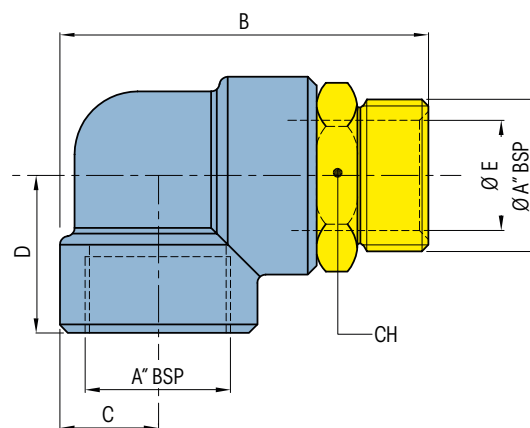
CODE	A	B	C	D	E	CH.1	CH.2	Max pressure (bar)
Y-D025AGS6GS	1/4"	$\frac{61}{2,402}$	$\frac{6}{0,236}$	$\frac{42}{1,654}$	$\frac{24}{0,945}$	30	19	400
Y-D037AGS6GS	3/8"	$\frac{66}{2,598}$	$\frac{8,5}{0,335}$	$\frac{44}{1,732}$	$\frac{25}{0,984}$	34	24	400
Y-D050AGS6GS	1/2"	$\frac{71}{2,795}$	$\frac{11,5}{0,453}$	$\frac{47}{1,850}$	$\frac{32}{1,260}$	36	27	300
Y-D075AGS6GS	3/4"	$\frac{80}{3,150}$	$\frac{15}{0,591}$	$\frac{50}{1,969}$	$\frac{49,5}{1,949}$	45	34	300
Y-D100AGS6GS	1"	$\frac{90}{3,543}$	$\frac{21}{0,827}$	$\frac{57}{2,244}$	$\frac{54,5}{2,146}$	50	41	300
Y-D125AGS6GS	1 1/4"	$\frac{101}{3,976}$	$\frac{28}{1,102}$	$\frac{63}{2,480}$	$\frac{60}{2,362}$	55	50	300
Y-D150AGS6GS	1 1/2"	$\frac{110}{4,331}$	$\frac{35}{1,378}$	$\frac{70}{2,756}$	$\frac{69,5}{2,736}$	65	55	300
Y-D200AGS6GS	2"	$\frac{118}{4,646}$	$\frac{44}{1,732}$	$\frac{75}{2,953}$	$\frac{84,5}{3,327}$	75	65	250

RADIAL VERSION / Versione radiale

1/4" TO 1" VERSIONS / Versioni da 1/4" a 1"



1" 1/4 to 2" versions / Versioni da 1" 1/4 a 2"



CODE	A	B	C	D	E	F	CH.1	Max pressure (bar)
Y-D025-GS6GS	1/4"	$\frac{50}{1,969}$	$\frac{69}{2,717}$	$\frac{6}{0,236}$	$\frac{33,5}{1,319}$	$\frac{11}{0,433}$	19	400
Y-D037-GS6GS	3/8"	$\frac{54}{2,126}$	$\frac{76}{2,992}$	$\frac{8,5}{0,335}$	$\frac{37,5}{1,476}$	$\frac{13}{0,512}$	24	400
Y-D050-GS6GS	1/2"	$\frac{63}{2,480}$	$\frac{87}{3,425}$	$\frac{11,5}{0,453}$	$\frac{39,5}{1,555}$	$\frac{14}{0,551}$	27	300
Y-D075-GS6GS	3/4"	$\frac{70}{2,756}$	$\frac{100}{3,937}$	$\frac{15}{0,591}$	$\frac{54,5}{2,146}$	$\frac{18}{0,709}$	34	300
Y-D100-GS6GS	1"	$\frac{87}{3,150}$	$\frac{120}{4,449}$	$\frac{21}{0,827}$	$\frac{60}{2,362}$	$\frac{24}{0,945}$	41	300
Y-D125-GS6GS	1" 1/4	$\frac{121}{4,764}$	$\frac{32}{1,260}$	$\frac{52}{2,047}$	$\frac{28}{1,102}$	/	50	300
Y-D150-GS6GS	1" 1/2	$\frac{143}{5,630}$	$\frac{37}{1,457}$	$\frac{62}{2,441}$	$\frac{34}{1,339}$	/	55	300
Y-D200-GS6GS	2"	$\frac{151}{5,945}$	$\frac{42}{1,654}$	$\frac{64}{2,520}$	$\frac{44}{1,732}$	/	65	250

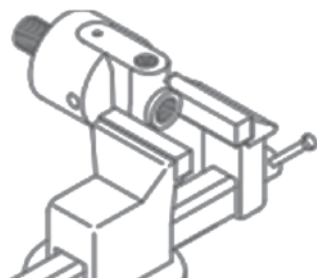


INSTALLATION

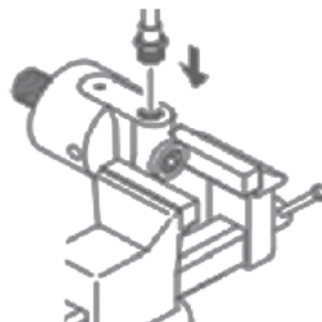
Installazione

HOW TO INSTALL // COME INSTALLARE

1



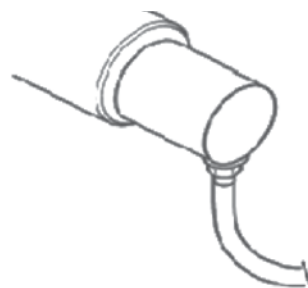
2



3

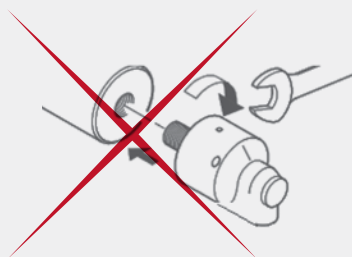


4



HOW TO **NOT** INSTALL // COME **NON** INSTALLARE

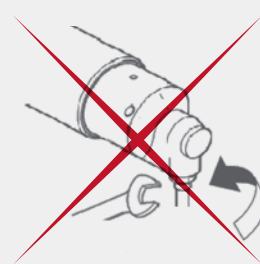
1



2



3



PIPES MUST BE FLEXIBLE!

ITUBI DEVONO ESSERE FLESSIBILI