OMPI 1976

Serie/*Series*

N

Giunti rotanti per vapore o olio diatermico

Rotary Union for Steam or Hot Oil

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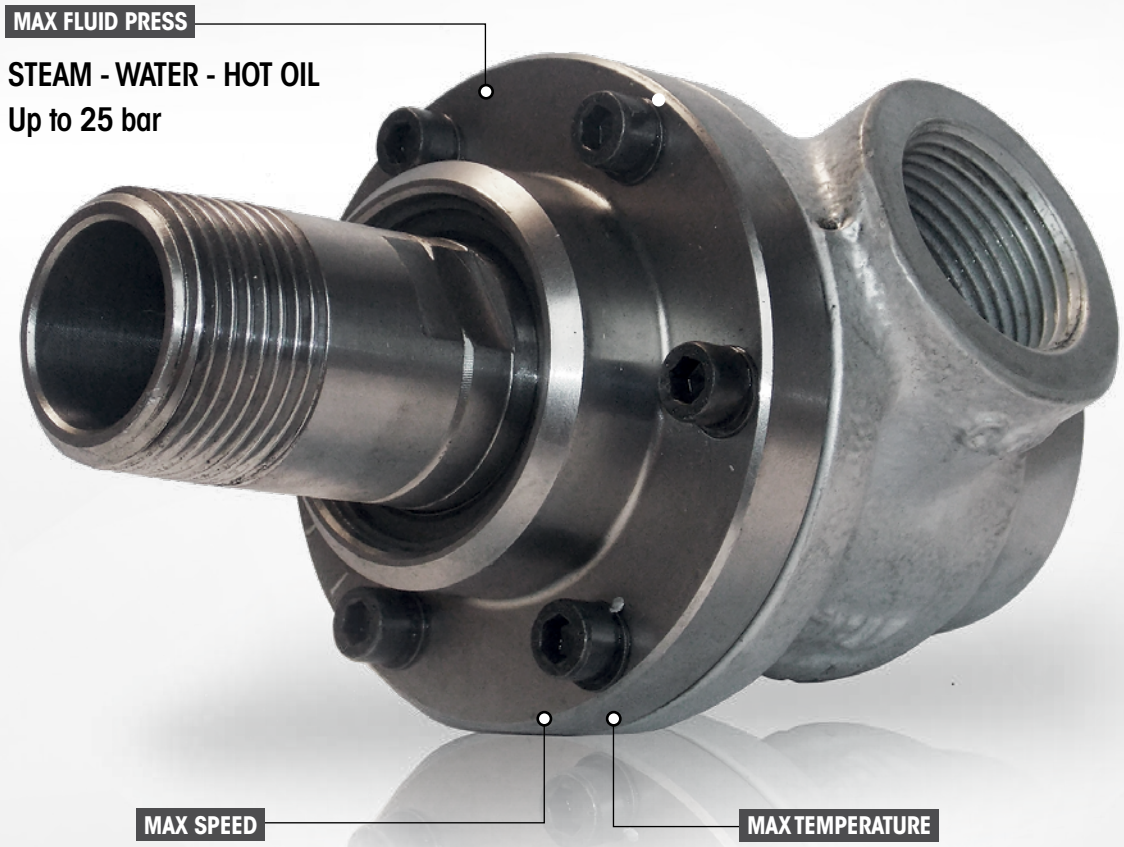
N SERIES

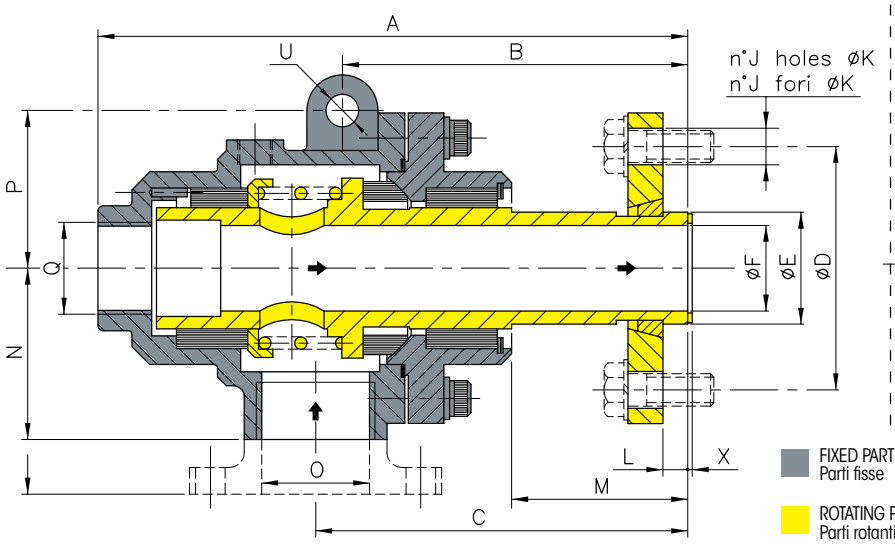
ROTARY UNION FOR STEAM OR HOT OIL
Giunti rotanti per vapore o olio diatermico

The N series is divided into two categories:
• **FOR STEAM:** The rotary part and flange are made of stainless steel.
• **FOR HOT OIL:** The entire rotary union is made of cast iron.
For both categories, the seal and bearings are made with impregnated graphite.
The housing, a fixed part, has cylindrical BSP thread while the shaft, the rotary part, has conical BSP thread.

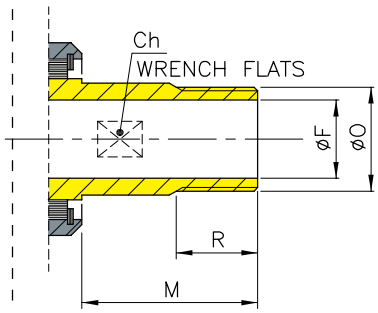
I giunti della serie N si suddivisono in due categorie:
• **PER VAPORE:** la fornitura standard prevede che la parte rotante e la flangia di chiusura siano in acciaio inox.
• **PER OLIO DIATERMICO:**
la fornitura standard prevede che il materiale costruttivo sia interamente in ghisa.
Per entrambe le categorie la tenuta sferica e i cuscinetti sono in grafite impregnata, le filettature GAS cilindriche per la parte fissa (corpo) e GAS conica per la parte rotante (rotore).



1 FLANGED VERSION
Versione attacco a flangia



2 THREAD VERSION
Versione filettata

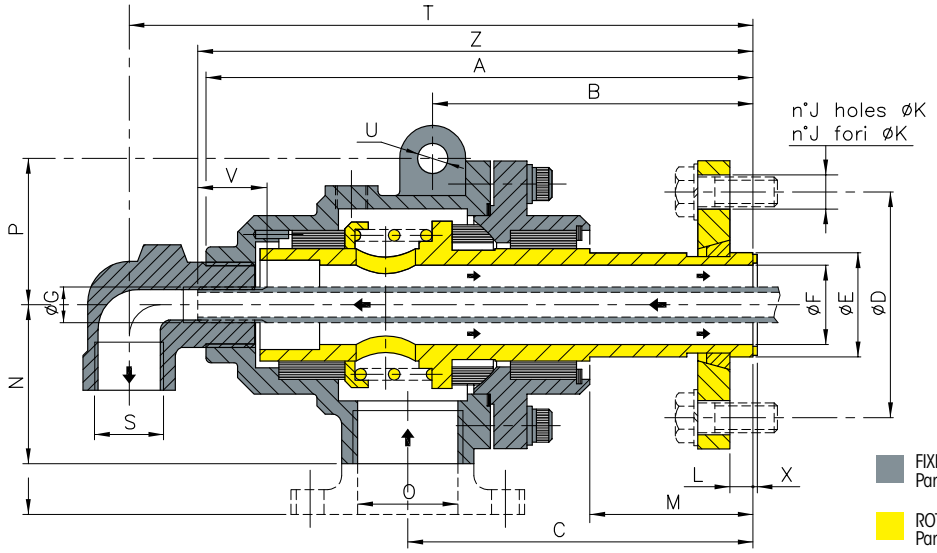


For left thread, the third letter of code change replacing "D" with "S"
Per filettature sinistre, la terza lettera del codice varia sostituendo "D" con "S"

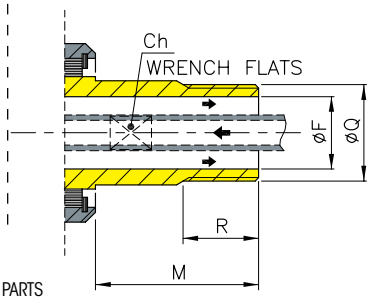
STEAM - THERMAL OIL Vapore - Olio Diatermico	A	B	C	D	E	F	J	K	L	M	N	O	P	Q	R	Ch	U
NBD050-GF3KX	137	82	90	/	/	19	/	/	/	40 / 1,57	40	1/2"BSP	38	1/2"BSP	18	24	10
NBD075-GF3KX **NB0075-GF3LX**	137	82	90	/ 75	/ 26	19	/ 4	/ 14	/ 11	40 / 1,57	40	3/4"BSP	38	1/2"BSP	18 /	24 /	10
NBD100-GF3KX **NB0100-GF3LX**	163	99	108	/ 85	/ 32,5	24	/ 4	/ 14	/ 11	49 / 1,92	48	1" BSP	46	3/4"BSP	18 /	30 /	12
NBD125-GF3KX **NB0125-GF3LX**	183	106	115	/ 85	/ 41,3	32	/ 4	/ 14	/ 12,5	50 / 1,96	60	1"¼BSP	58	1"BSP	23 /	40 /	12
NBD150-GF3KX **NB0150-GF3LX**	200	119	134	/ 100	/ 47,5	38	/ 4	/ 18	/ 12,5	55 / 2,16	63	1"½BSP	60	1"¼BSP	24 /	46 /	14
NBD200-GF3KX **NB0200-GF3LX**	236	135	155	/ 125	/ 59,1	49	/ 4	/ 18	/ 16	62 / 2,44	75	2" BSP	70	1"½BSP	25 /	58 /	16
NBD250-GF3KX **NB0250-GF3LX**	271	152	175	/ 125	/ 72,2	62	/ 4	/ 18	/ 19	68,5 / 2,69	90	2"½BSP	81	2" BSP	32 /	73 /	18
NBD300-GF3KX **NB0300-GF3LX**	308	165	194	/ 160	/ 87,3	72	/ 8	/ 18	/ 22	73 / 2,87	103	3" BSP	90	2"½BSP	33 /	83 /	20
NB0400-LF1LF	338	189	213	180	112,7	95	8	18	25	85 / 3,34	160	DN100	115	/	/	/	25
NB0500-LF1LF	417	222	257	240	139,2	122	8	22	32	96 / 3,78	200	DN125	140	/	/	/	30
NB0600-LF1LF	498	248	291	270	168	146	8	22	32	103 / 4,05	220	DN150	162	/	/	/	35
NB0800-LF1LF	673	317	363	295	/	200	12	22	60	113 / 4,44	250	DN200	210	/	/	/	40

DUAL FLOW UNIONS - FIXED SYPHON TUBE
Giunti a due vie - Tubo sifone fisso

1
FLANGED VERSION
Versione attacco a flangia



2
THREAD VERSION
Versione filettata



Threaded pipe

The elbow of NF series halp to support the syphon and it will be screwed in the elbow. The thread must be concentric of rotary union's axis for avoid misalingment

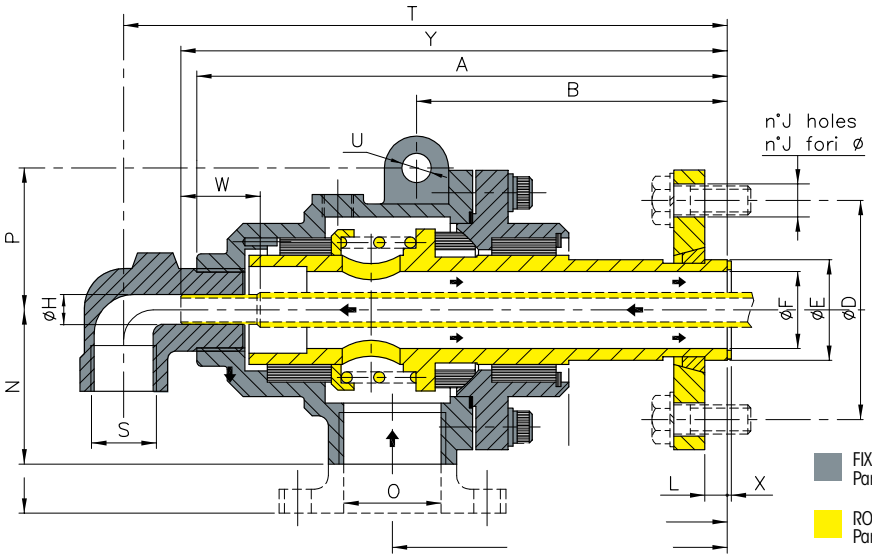
Tubo filettato

La curva dei giunti serie NF fa da supporto al tubo sifone, il quale si avvita su di essa. Il filetto deve essere concentrico all'asse del giunto per evitare disassamenti rispetto all'asse del rullo

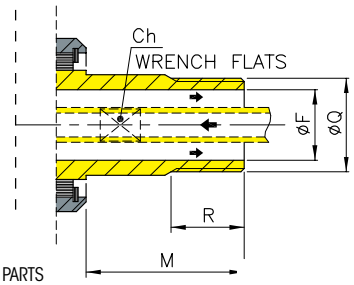
For left thread, the third letter of code change replacing "D" with "S"
Per filettature sinistre, la terza lettera del codice varia sostituendo "D" con "S"

	STEAM - THERMAL OIL Vapore - Olio Diatermico	G	G1 (opt.)	T	V	Z
2	**NFD052-GF3KX**	1/8"BSP	1/4"BSP	150	15	137
2 1	**NFD077-GF3KX** **NF0077-GF3LX**	1/4"BSP	1/8"BSP	169	15	159
2 1	**NFD102-GF3KX** **NF0102-GF3LX**	3/8"BSP	1/4"BSP	202	17	187
2 1	**NFD127-GF3KX** **NF0127-GF3LX**	1/2"BSP	3/8"BSP	232	20	212
2 1	**NFD152-GF3KX** **NF0152-GF3LX**	3/4"BSP	1/2"BSP	256	25	231
2 1	**NFD202-GF3KX** **NF0202-GF3LX**	1" BSP	3/4"BSP	296	25	271
2 1	**NFD252-GF3KX** **NF0252-GF3LX**	1"¼ BSP	1"BSP	337	28	307
2 1	**NFD302-GF3KX** **NF0302-GF3LX**	1"½ BSP	2¼" BSP	387	30	347
1	**NB0402-LF1LF**	2" BSP	DN 65	464	35	343
1	**NB0502-LF1LF**	2"½BSP	DN 80	567	60	420
1	**NB0602-LF1LF**	3" BSP	DN 100	685	70	500
	NB0802-LF1LF	4" BSP	DN 125	723	150	615

1 FLANGED VERSION
Versione attacco a flangia



2 THREAD VERSION
Versione filettata

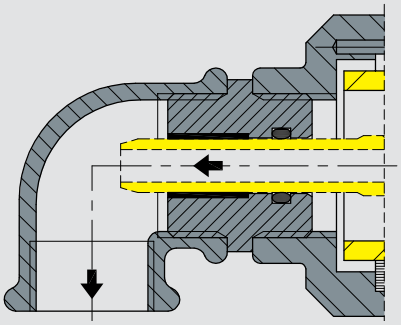


For left thread, the third letter of code change replacing "D" with "S"
Per filettature sinistre, la terza lettera del codice varia sostituendo "D" con "S"

	STEAM - THERMAL OIL Vapore - Olio Diatermico	H	S	T	V	Y
2	NRD052-GF3KX	9	1/4"BSP	150	15	137
2 / 1	NRD077-GF3KX / NR0077-GF3LX	12	3/8"BSP	169	15	159
2 / 1	NRD102-GF3KX / NR0102-GF3LX	16	1/2"BSP	202	17	187
2 / 1	NRD127-GF3KX / NR0127-GF3LX	20	3/4"BSP	232	20	212
2 / 1	NRD152-GF3KX / NR0152-GF3LX	25	1"BSP	256	25	231
2 / 1	NRD202-GF3KX / NR0202-GF3LX	32	1"1/4 BSP	296	25	271
2 / 1	NRD252-GF3KX / NR0252-GF3LX	40	1"1/2 BSP	337	28	307
2 / 1	NRD302-GF3KX / NR0302-GF3LX	45	2" BSP	387	30	347
1	NR0402-LF1LF	58	DN 65	464	35	343
1	NR0502-LF1LF	75	DN 80	567	60	420
1	NR0602-LF1LF	87	DN 100	685	70	500
1	NR0802-LF1LF	112	DN 125	723	150	615

NT SERIES

ROTARY SYPHON WITH SEAL
Tubo sifone rotante con tenuta

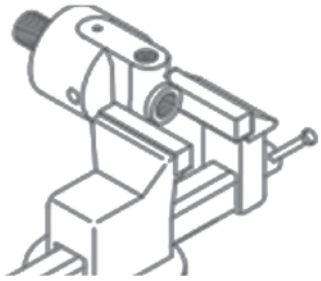


For NT series it's the same for NR series, but in the elbow there is one seal for double indipendent passage

Per la serie NT vale lo stesso discorso della serie NR, ma con la differenza che nella curva è presente una guarnizione che consente di avere due vie indipendenti.

HOW TO INSTALL // COME INSTALLARE

1



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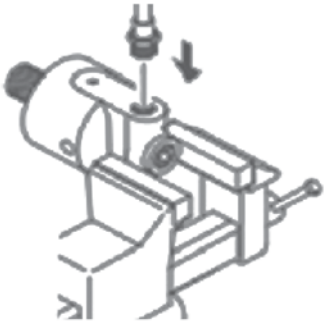
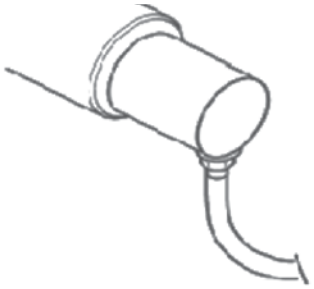


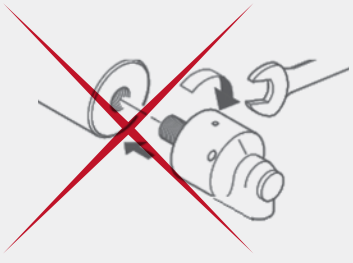
3

4



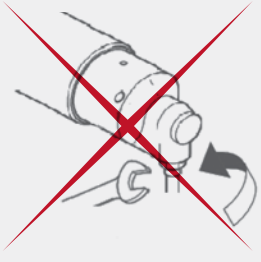
HOW TO NOT INSTALL // COME NON INSTALLARE

1



2

3



PIPES MUST BE FLEXIBLE!
I TUBI DEVONO ESSERE FLESSIBILI