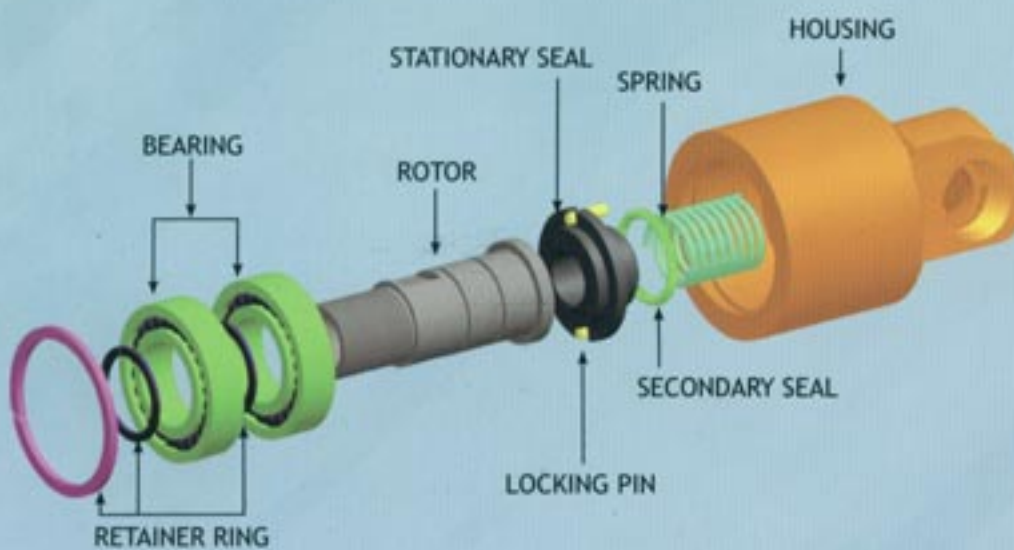




**CARBON**  
Precision for Performance

# 101 Series ROTARY UNION



Parts	Material
Housing	G.M. / Brass
Spring	S.S.
Secondary Seal	Std.
Stationary Seal	Carbon
Rotor	S.S.
Bearing	Std.
Retainer Ring	Std.

The **CARBON**™ brand 101 series rotary union incorporate state of the art sealing technology for the use in water and other applications. This product is primarily used in the rubber, plastic, printing & steel industries.

**FEATURES** : The housing made with G.M / Brass, the rest of metallic components are made with S.S. *Optional (2" & above sizes): The housing made with G.M.+SS Composite.*

The elastomers are made with VITON, NITRILE, PTFE, HYPALON, SILICON as per required.

These unions are suitable for many applications to different microlapped sealing assemblies are available.

**MODEL A**:- Standard sealing with carbon graphite to tungsten carbide seal for filtered liquid, thermic fluid and steam.

**MODEL B**:- Tungsten Carbide or SIC/ SIC Seals for applications with hard water or abrasive fluids.

**APPLICATIONS** : For Water, Steam & Thermic Fluid for High Speed Machine.

**SIZE** : 3/8" BSP TO 4" BSP.

**THREADED ROTOR** : AS PER ISO 228 /NPT/Metric

**#Optional** : QUICK RELEASE NIPPLE [FLANGED END]

**BODY** : Radial or Axial R.H. FEMALE THREAD AS PER ISO 228 OR NPT

**TEMPERATURE (Max)** : Water : 95° C

Thermic Fluid : 120° C

Steam : 150° C

**PRESSURE (Max)** : Water : 15 BAR

Thermic Fluid : 10 BAR

Steam : 8 BAR

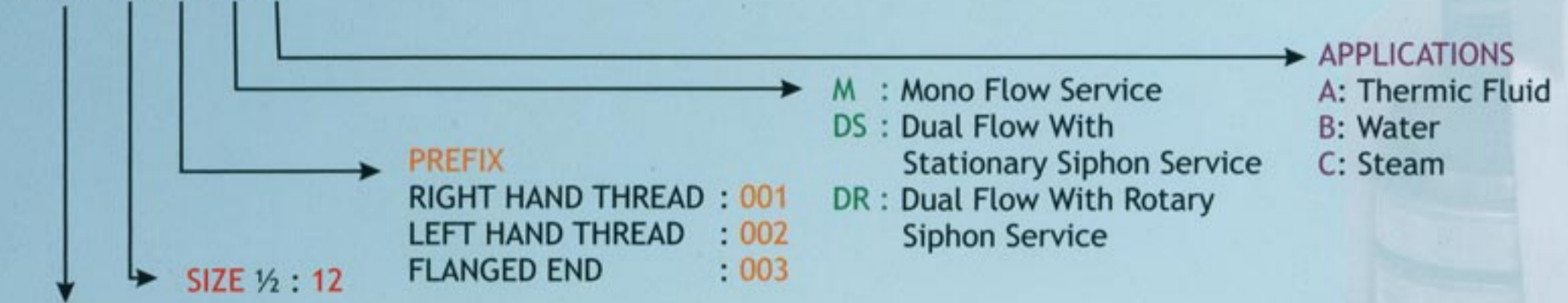
**SPEED (Max)** :

Size 1/2" - 3/4" - 3500 RPM

Size 1" - 2" - 1000 RPM

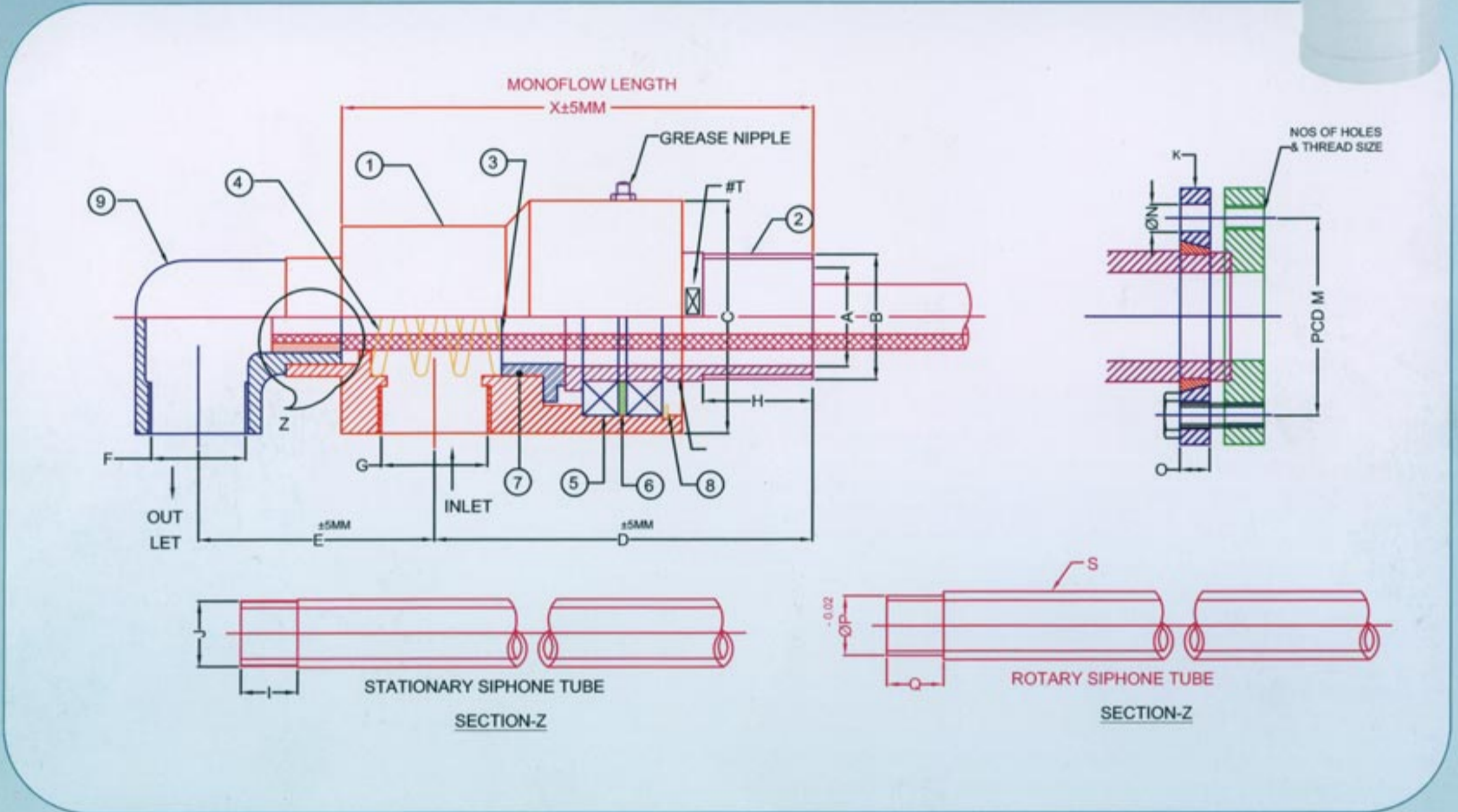
## Ordering Example For Rotary Joint

CF101 12 001 DS A



Basic Series : CF101

Shaft / Roller that turns anticlockwise : Rotor Thread "RH".  
 Shaft / Roller that turns clockwise : Rotor Thread "LH"



MODEL	A	B	C	D	E	F	G	H	I	J	K	M	N	O	NOS OF HOLES	#X	P	Q	S	#T
CF10107	Ø7	¼"	48	82	35	⅜"	⅜"	13	12	06	55	40	8	10	4Nos. X 6MM	100	05	15	06mm	15
CF10110	Ø9	⅜"	48	82	35	⅜"	⅜"	13	12	06	55	40	8	10	4Nos. X 6MM	100	05	15	06mm	15
CF10112	Ø12	½"	60	111	49	⅜"	½"	22	16	⅞"	70	50	9	10	4Nos. X 8MM	137	10	20	⅜"	22
CF10119	Ø19	¾"	73	122	61	½"	¾"	28	19	¼"	75	55	9	12	4Nos. X 8MM	149	13	23	¼"	27
CF10125	Ø25	1"	78	136	71	¾"	1"	28	21	⅜"	80	60	9	12	4Nos. X 8MM	187	16	25	⅜"	32
CF10132	Ø32	1.¼"	91	146	90	1"	1.¼"	28	21	½"	95	70	11	12	4Nos. X 10MM	200	22	25	½"	42
CF10138	Ø38	1.½"	110	182	84	1.¼"	1.½"	30	26	¾"	105	80	11	15	4Nos. X 10MM	232	26	30	¾"	47
CF10150	Ø50	2	118	191	119	1.½"	2"	30	26	1"	130	100	14	15	4Nos. X 12MM	240	32	30	1"	62

All dimensions are in mm  
 Drawing above 2" Rotary Union available on request.  
 Operation at maximum pressure combined with maximum speed should be avoided.  
 If operational condition are marginal consult out engineering department.

#X - Monoflow Length Rotary Union  
 #T- Flat Wrench

## CARBON & FIBRE PRODUCTS

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