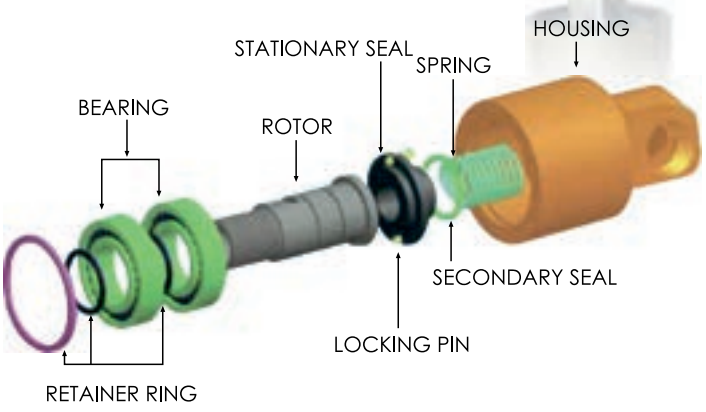
CARBON®
Precision for Perfomance

101 Series
ROTARY UNION





Parts	Material
Housing	G.M. / Brass
Spring	S.S.
Secondary Seal	Std.
Stationary Seal	Cardbon
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 metalic components are made with S.S. Optional (2" & above sizes) : The housing made with G.M. + SS Composite.

The elastomers are made 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 hardwater or abrasive fluids.

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

SIZE : ⅜" 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

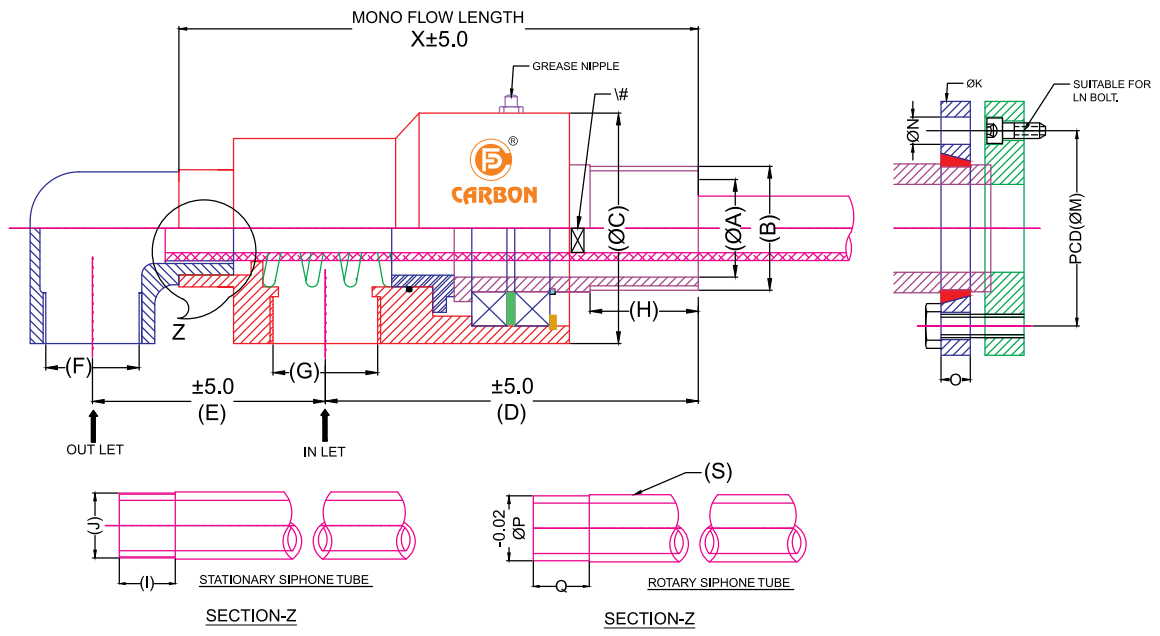
Speed (Max) : Size ½" - ¾" - 3500 RPM
Size 1" - 2" - 1000 RPM

Ordering Example For Rotary Joint

CF 101 12 001 DS A

- CF 101 — Basic Series : CF101
- 12 — Size ½ : 12
- 001 — PREFIX
  - RIGHT HAND THREAD : 001
  - left hand thread : 002
  - flanged end : 003
- DS — M : Mono Flow Service; DS : Dual Flow with Stationary Siphon Service; DR : Dual Flow with Rotary Siphon Service
- A — APPLICATIONS: A : Thermic Fluid; B : Water; C : Steam

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



101 SERIES

MODEL	ØA	B	ØC	D	E	F	G	H	I	J	K	M	N	O	NOS OF HOLE	#X	P	Q	S	#T
CF10107	Ø7	1/4"	44	84	-	-	1/4"	12	12	-	55	40	7	6	4 NOS. X6 MM	100	-	-	-	22
CF1010	Ø9	3/8"	44	84	44	3/8"	3/8"	12	12	06	55	40	7	6	4 NOS. X6 MM	100	05	15	06	22
CF10112	Ø12	1/2"	59	106	49	1/2"	1/2"	19	16	1/8"	70	50	9	8	4 NOS. X8 MM	132	09	20	11	27
CF10119	Ø19	3/4"	73	117	57	1/2"	3/4"	23	19	1/4"	75	55	9	12	4 NOS. X8 MM	154	12	23	15	27
CF10125	Ø25	1"	78	136	63	1/2"	1"	28	21	3/8"	80	60	9	12	4 NOS. X8 MM	175	15	25	18	32
CF10132	Ø32	1.1/4"	91	151	78	3/4"	1.1/4"	28	21	1/2"	95	70	11	12	4 NOS. X10 MM	196	21	25	24	42
CF10138	Ø38	1.1/2"	110	182	83	1"	1.1/2"	30	26	3/4"	105	80	11	15	4 NOS. X10 MM	232	25	30	28	47
CF10150	Ø50	2"	118	191	107.5	1.1/4"	2"	30	26	1"	130	100	14	15	4 NOS. X12 MM	248	32	30	35	63

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

ISO 9001-2008 Certified Company

GAMER GRAPHICS-9601757081

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Dimensions & Drawings are subject to change without prior notice.