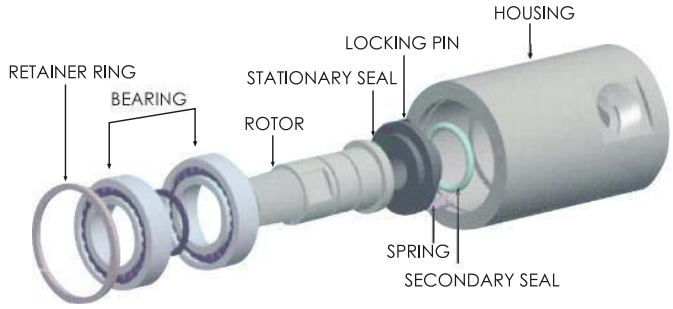
CARBON®
Precision for Perfomance

102 Series
ROTARY UNION





Parts	Material
Housing	S.S.
Spring	S.S.
Locking Pin	Std.
Secondary Seal	Std.
Stationary Seal	Carbon
Rotor	S.S.
Bearing	Std.
Retainer Ring	Std.

The CARBON® brand 102 series rotary Union is designed to supply fuild to high speed, multi spindles on automotive transfer lines.

FEATURES :

- The housing & the rest of metalic components are made with Stainless Steel.
- The elastomers are made VITON, NITRILE, PTFE, HYPALON, SILICON as per required.
- The springs are located out of the fluid flow to avoid pressure drops and turbulence causing noise and vibrations.

MODEL A :- Standard sealing with Carbon Graphite to Tungsten Carbide Seal

MODEL B :- Tungsten Carbide to Tungsten Carbide Silicone Carbide to Silicone Carbide Seal Tungsten Carbide to Ceramic Seal.

#Optional :- Exclusive Large Double Row Angular Contact Bearings in a Compact. Rigid Design with high tolerance to hose side loading.

APPLICATIONS : For Water, Air, Gas, Hydraulic Oil and High Abrasive CHemicals at high pressure.

SIZE : ⅜" BSP to 2" 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) : Air & Water : 90° C
Hyd. Oil & Gas : 120 °C

Pressure (Max) : Air, Gas & Water : 35 Bar
Hyd. Application : 100 Bar

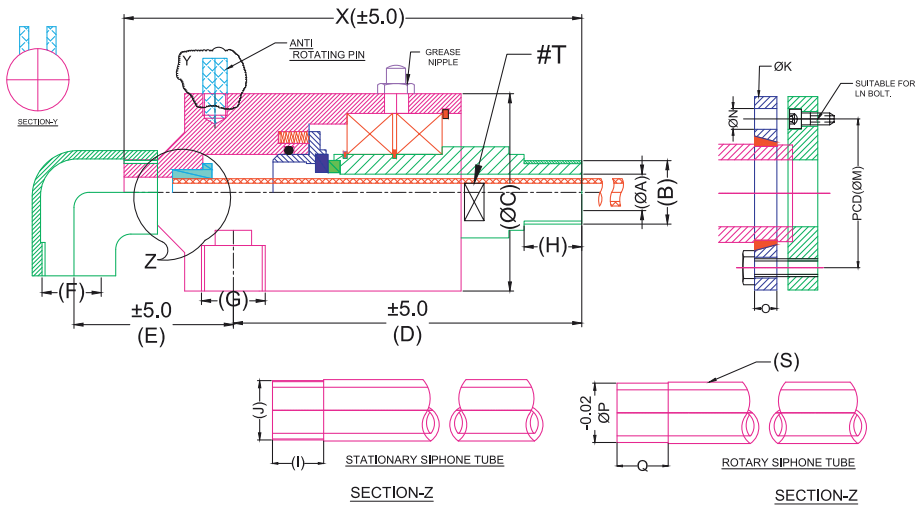
Speed (Max) : Size ¼" - ¾" - 3000 RPM
Size 1" - 2" - 500 RPM

Ordering Example For Rotary Joint

CF 102 19 003 DS A

- CF — Basic Series : CF102
- 102 — Basic Series : CF102
- 19 — Size ¾ : 19
- 003 — 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 : Hydraulic Oil
  - B : Water
  - C : Gas
  - D : Air
  - E : Abrasive Chemical

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



102 SERIES																				
MODEL	A	B	C	D	E	F	G	H	I	J	K	M	N	O	NOS OF HOLE	X	ØP	Q	ØS	#T
CF10207	Ø7	1/4"	55	101	-	-	1/4"	12	-	-	55	40	7	6	4 NOS. X6 MM	115.0	-	-	-	16
CF10210	Ø9	3/8"	55	101	43	3/8"	3/8"	12	12	M6	55	40	7	6	4 NOS. X6 MM	115.0	05	15	06	16
CF10212	Ø12	1/2"	65	115	53	1/2"	1/2"	19	16	1/8"	70	50	9	8	4 NOS. X8 MM	151.0	09	20	11	27
CF10219	Ø19	3/4"	78	122	56	1/2"	3/4"	20	19	1/4"	75	55	9	12	4 NOS. X8 MM	161.0	12	23	15	27
CF10225	Ø24	1"	83.5	143	70	3/4"	1"	25	21	3/8"	80	60	9	12	4 NOS. X8 MM	195.0	15	25	18	38
CF10232	Ø32	1.1/4"	98	152	79	1"	1.1/4"	27	21	1/2"	95	70	11	12	4 NOS. X10 MM	207.0	21	25	24	43
CF10238	Ø36	1.1/2"	108	184	87	1 1/4"	1.1/2"	30	26	3/4"	105	80	11	15	4 NOS. X10 MM	242.0	25	30	28	48
CF10250	Ø45	2"	118	183	98	1 1/2"	2"	38	26	1"	130	100	14	15	4 NOS. X12 MM	251.0	32	30	35	65

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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CARBON ROTOFLUID PVT. LTD.
L/464, G.I.D.C. ODHAV, AHMEDABAD-382415. INDIA
(O) 079 – 22890503, 22877260, (Tele fax) +91 – 079 – 22877260
E-mail : carbon2000@rotaryjointindia.co.in
Website : www.rotaryjointindia.co.in, www.swiveljointsindia.com

Dimensions & Drawings are subject to change without prior notice.