

Description

The Combo solution consists in one MPSS rotary union specifically designed to be used in conjunction with Deublin Slip-Rings. It is available with 1, 2, 4, 6 and 8 passages and 3 different connections port sizes: G 1/4", G 3/8" and G 1/2". The unions are designed with interface on the rotor back to mate with the Slip-Rings and have a large central bore for cable passage. Specific anti-rotation bracket is included to prevent relative movement between rotary components.

Model	Industry	Application
1 to 8 passages	Packaging	Packaging, Automation, Rotary Table

Mechanical Features

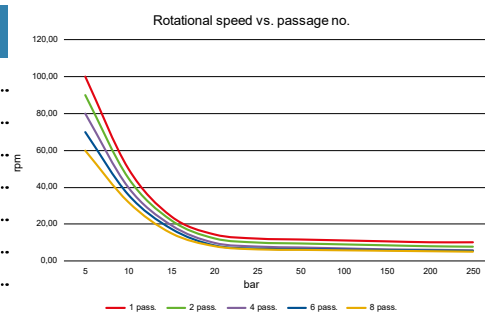
Passage no.	1 - 2 - 4 - 6 - 8
Passage dimension	Ø 6 - Ø 10 - Ø 12 mm
Housing thread connections	G 1/4" - G 3/8" - G 1/2"
Axial Rotor connections	Ø 6 - Ø 10 - Ø 12 mm with O-ring seal
Central bore for cable passage	Ø 30 mm
Housing Material	Carbon steel with blackening coating
Rotor Material	AISI420B
Deublin Soft Seal	Type DPG-G
Drainage	Plain holes
Drainage configuration	Between passages and bearing protection

Combo Features

Slip-Ring suitable models	SRD - SRC - SRH - SRT families
Anti-Rotation bracket	Included
Radial rotor flange adaptor	Optional

Media Features

Applicable media	Hydraulic Oil
Max. operating pressure	250 bar
Max. line pressure	300 bar
Test pressure	450 bar
Max. operating media temp.	50 °C
Max. environment temp.	70 °C
Max rotational speed	see speed chart

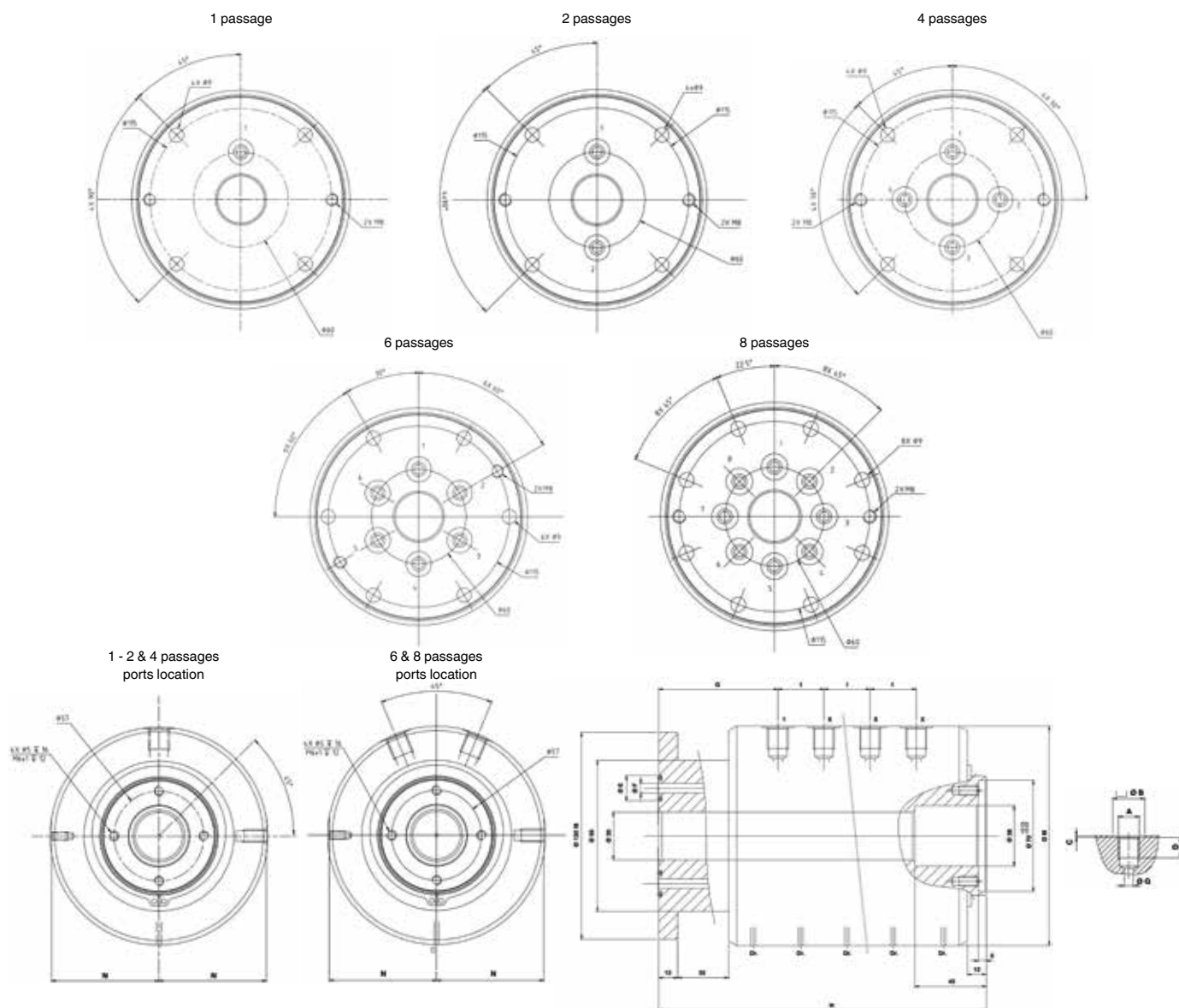


This chart is representing standard operating conditions.
Deviations might be possible under custom designs.

Product Codes

Port size	Pass. #	Code
G 1/4"	1	CMB-S010802
G 1/4"	2	CMB-S020802
G 1/4"	4	CMB-S040802
G 1/4"	6	CMB-S060802
G 1/4"	8	CMB-S080802
G 3/8"	1	CMB-S011002
G 3/8"	2	CMB-S021002
G 3/8"	4	CMB-S041002
G 3/8"	6	CMB-S061002
G 3/8"	8	CMB-S081002
G 1/2"	1	CMB-S011202
G 1/2"	2	CMB-S021202
G 1/2"	4	CMB-S041202
G 1/2"	6	CMB-S061202
G 1/2"	8	CMB-S081202





Passage no.	DN	A	B	C	D	E	F	G	H	I	L	M	N
1	6	G 1/4"	20	1	13	16	6	75	117	-	-	138	68
	10	G 3/8"	23	1.5	13	19	10	77	121	-	-	140	68.5
	12	G 1/2"	28	1.5	15	21	12	78	123	-	-	143	70
2	6	G 1/4"	20	1	13	16	6	75	146	29	60	138	68
	10	G 3/8"	23	1.5	13	19	10	77	154	33	70	140	68.5
	12	G 1/2"	28	1.5	15	21	12	78	158	35	70	143	70
4	6	G 1/4"	20	1	13	16	6	75	204	29	60	138	68
	10	G 3/8"	23	1.5	13	19	10	77	220	33	70	140	68.5
	12	G 1/2"	28	1.5	15	21	12	78	228	35	70	143	70
6	6	G 1/4"	20	1	13	16	6	75	262	29	60	138	68
	10	G 3/8"	23	1.5	13	19	10	77	286	33	70	140	68.5
	12	G 1/2"	28	1.5	15	21	12	78	298	35	70	143	70
8	6	G 1/4"	20	1	13	16	6	75	320	29	60	138	68
	10	G 3/8"	23	1.5	13	19	10	77	352	33	70	140	68.5
	12	G 1/2"	28	1.5	15	21	12	78	368	35	70	143	70