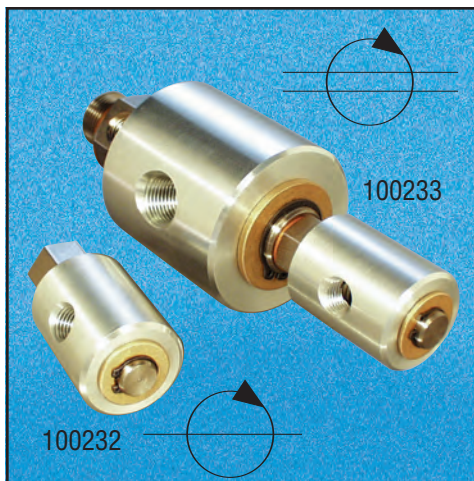


Rotating Unions



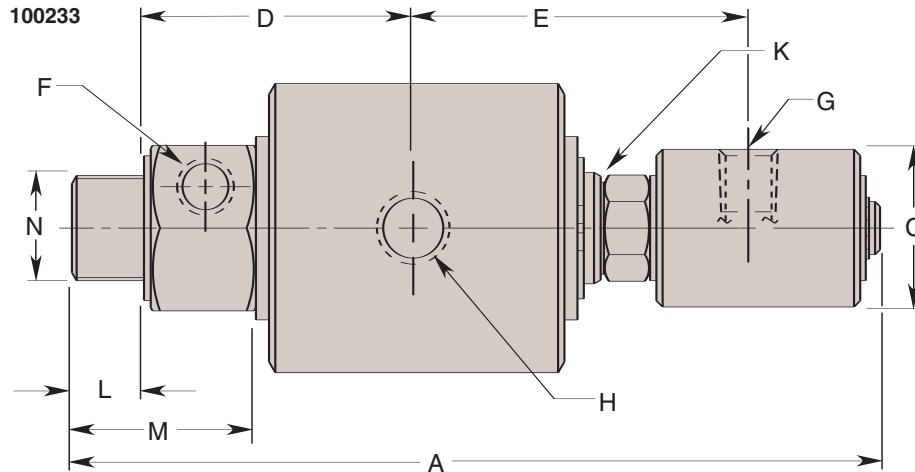
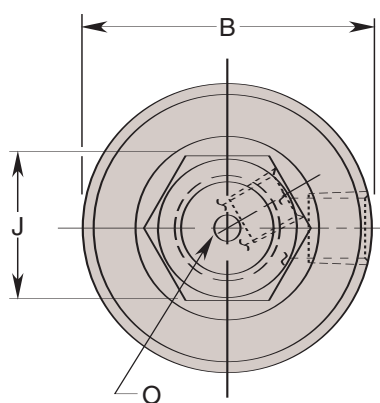
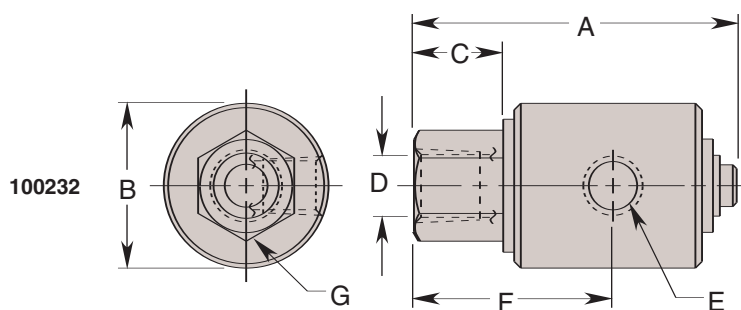
Rotating unions allow hydraulic or air power sources to be continuously connected in rotating applications allowing the use of constant pressure hydraulic workholding on lathes, boring machines, rotary transfer tables, etc. The single circuit union is used for single-acting systems. The dual circuit version is necessary for double-acting systems or for two separate single-acting circuits. The unique design of the dual circuit union eliminates the possibility of inter-passage leakage so different fluids can be used in each circuit without danger of intermixing.

For maximum seal life, combined conditions of both maximum pressure and maximum rpm should be avoided.

Rotors are plated for wear and corrosion resistance. Both versions use a low torque, balanced seal design.

Features:

- Single and dual circuit designs
- Range 28 in. hg. to 3,000 psi max.
- 250 rpm max.
- Balanced seal design
- Low torque



Cat. No.	Specifications				Dimension (In Inches)						
	Circuits	†Max. Press. (PSI)		†Max. Speed (RPM)	A	B Dia.	C	D Thread Size	E Thread Size	F	G Hex.
		Air	Hyd.								
100232	1	150	3,000	250	2.938	1.500	.812	3/8 NPTF	1/4 NPTF	1.812	.875

NOTE: † Operation at maximum pressure combined with maximum speed should be avoided.

Cat. No.	Specifications				Dimension (In Inches)													
	Circuits	†Max. Press. (PSI)		†Max. Speed (RPM)	A	B Dia.	C Dia.	D	E	F Port (Circuit A)	G Port (Circuit B)	H Port (Circuit A)	J Hex.	K Hex.	L	M	N Thread Size (Circuit B)	O Dia.
		Air	Hyd.															
*100233	2	150	3,000	250	7.688	2.750	1.500	2.562	3.188	¼ NPTF	¼ NPTF	⅜ NPTF	1.375	.875	.688	1.875	1-14 UNS	.250

NOTE: * For optimum performance, high pressure should be thru inner passage.

† Operation at maximum pressure combined with maximum speed should be avoided.