

# MICRO LOW SPEED AIR-HYDRAULIC UNIONS

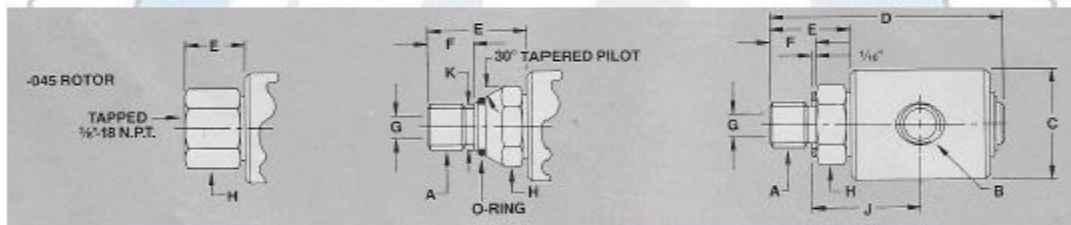
This union is designed for single passage low speed air or Hydraulic service. Sealing is achieved through special "Long Life" gland and specially compounded O-Rings. This simplified construction permits economy without sacrificing efficiency or durability.



## OPERATING DATA

Max. Air Pressure	150 PSI	10 bar
Max. Vacuum	28" Hg	6.7 kPa
Max. Hydraulic Pressure	3000 PSI	204 bar
Max. Temperature	250°F	121°C
Max. Speed	250 RPM	250/min

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



B PORT NPT	ORDERING NUMBER	A ROTOR THREAD	C	D	E	F	G ROTOR HOLE	H ACROSS FLATS	J LOCK-UP	K	SHPG. WT.
1/4"	18-25-12	5/8"-18UNF RH	1 1/2"	3 1/4"	1 1/8"	5/8"	5/16"	7/8"	1 11/32"	---	1/2 #
	18-25-41	3/8" NPT RH	1 1/2"	3 1/4"	1 1/8"	5/8"	5/16"	7/8"	1 25/32"	---	1/2 #
	18-25-45	3/8" NPT(FEM) RH	1 1/2"	2 15/16"	1 3/16"	---	5/16"	7/8"	1 13/32"	---	1/2 #
	18-25-23	5/8"-18UNF T.PLT. RH	1 1/2"	3 15/32"	1 1/2"	5/8"	5/16"	7/8"	---	5/8"	1/2 #
	18-25-39	G3/8" (BSP) RH	38	83.3	28.5	16.6	8	22.2	39	---	0.3 Kg
	18-25-46	M16x2 RH	38	83.3	28.5	15.8	8	22.2	39	---	0.3 Kg
	18-25-48	M16x2 T.PLT. RH	38	89	35	15.8	8	22.2	---	5/8"	0.3 Kg
1/2"	31-01-109	1"-14UNS RH	2 3/4"	4 9/16"	1 1/2"	3/4"	5/8"	1 3/8"	2 1/4"	---	2 1/2 #
	31-01-101	3/4" NPT RH	2 3/4"	4 11/16"	1 5/8"	7/8"	5/8"	1 3/8"	2 19/32"	---	2 1/2 #
	31-01-122	G3/4" (BSP) RH	70	116	38	19	15.8	35	57	---	1.2 Kg
	31-01-121	M22x1.5 RH	70	111	33	14.2	12.7	35	57	---	1.2 Kg