

ROTARY UNION

DWA SERIES

GENERAL PURPOSE

NEW



Operating Parameters

SPEED	TEMPERATURE
• 1750 RPM, • 1750 - 3500 RPM: Reduce pressure rating 20%	• 158°F (70°C) • 159°F (71°C - 100°C): Reduce pressure rating 15%
PRESSURE	MEDIA
• 200 psi (1.38 MPa) • 180 psi - 2 inch size only (1.24 MPa)	Water, non-corrosive fluids and oils
THREADS	
• 1/2 Inch to 2 Inch NPT • BSP & BSPP Available	

FEATURES & BENEFITS

Long Life

- Silicon carbide / carbon graphite seal faces provide long service life.

Smooth Running

- High precision ball bearings for smooth running and long life, even at high speeds.

Internal Protection

- Internal bearing protection and vented body to prevent lubricant washout.

Non-corrosive

- Aluminum housing with stainless steel shaft.

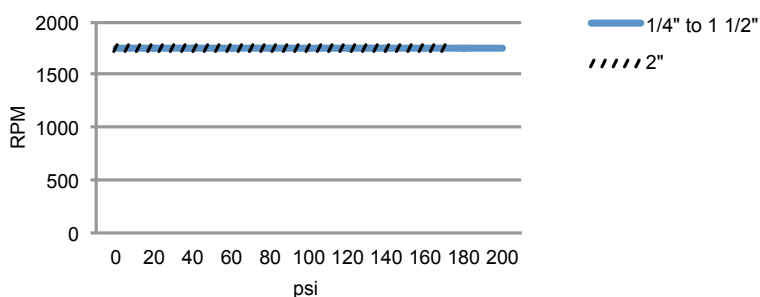
Maintenance Free

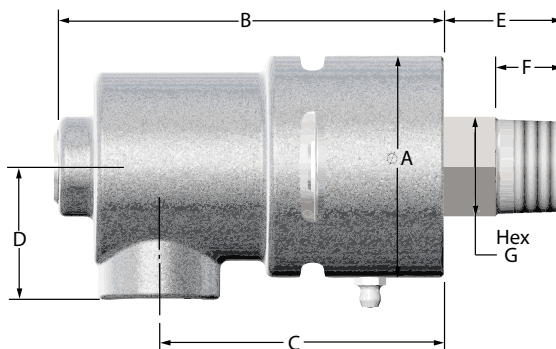
- No maintenance required.

Economical

- Cost effective for general purpose applications.

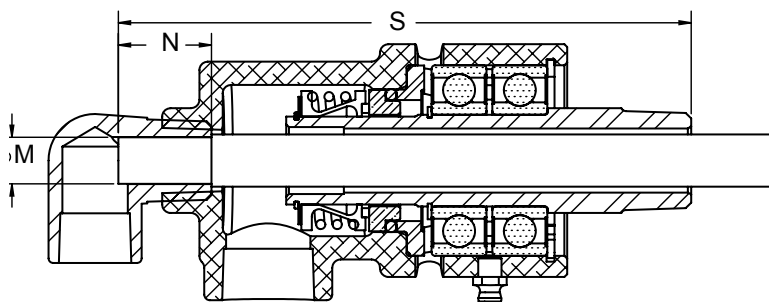
Performance Charts





Dimensions - DWA Series • Mono Flow

Thread Size		Part Numbers		Dimensions - inch (cm)						
		Right Hand	Left Hand	A	B	C	D	E	F	G
1/2 Inch	NPT	192003036	192003037	2.31 (5.87)	4.03 (10.24)	3.03 (7.70)	1.30 (3.30)	1.23 (3.12)	0.75 (1.91)	1.00 (2.54)
	BSP	192011116	192011118							
	BSPP	192011119	192011120							
3/4 Inch	NPT	192003038	192003039	2.50 (6.35)	4.35 (11.05)	3.21 (8.15)	1.50 (3.81)	1.33 (3.38)	0.75 (1.91)	1.12 (2.84)
	BSP	192011121	192011122							
	BSPP	192011123	192011124							
1 Inch	NPT	192003040	192003041	3.25 (8.26)	4.93 (12.52)	3.53 (8.97)	1.75 (4.45)	1.50 (3.81)	0.94 (2.39)	1.50 (3.81)
	BSP	192011125	192011126							
	BSPP	192011127	192011128							
1-1/4 Inch	NPT	192044752	192044753	3.62 (9.19)	5.60 (14.22)	4.03 (10.24)	1.87 (4.75)	2.03 (5.15)	1.01 (2.57)	1.75 (4.45)
	BSP	Contact Factory								
	BSPP									
1-1/2 Inch	NPT	192003042	192003043	4.00 (10.16)	5.91 (15.01)	4.16 (10.57)	2.20 (5.59)	2.30 (5.84)	1.06 (2.69)	2.25 (5.72)
	BSP	192011129	192011130							
	BSPP	192011131	192011132							
2 Inch	NPT	192003044	192003045	4.50 (11.43)	6.32 (16.05)	4.38 (11.13)	2.45 (6.22)	2.61 (6.63)	1.12 (2.84)	2.50 (6.35)
	BSP	192011133	192011134							
	BSPP	192011135	192011136							



Dimensions & Elbow Part Numbers - DWA Series • Dual Flow

Nominal Pipe Size	Siphon Size	Elbows for Stationary Siphon Tubes				Elbows for Rotating Siphon Tubes							
		Part Number	M	N	Length S	Part Number	M	N	Length S				
1/2 Inch	1/8 Inch NPT	465408C	3/8	1.00	5.66 (14.38)	451245C	0.370/0.371	1.00	5.84				
	3/8 Inch Dia. Tubing	465408C	(0.95)	(2.54)	5.84 (14.83)		(0.940/0.942)	(2.54)	(14.83)				
3/4 Inch	1/8 Inch NPT	465401C	1/2	1.00	5.97 (15.16)	451243C	0.495/0.496	1.00	6.15				
	1/4 Inch NPT	465402C			(1.27)					(2.54)	(1.257/1.260)	(2.54)	(15.62)
	1/2 Inch Dia. Tubing	465404C			6.15 (15.62)								
1 Inch	1/4 Inch NPT	465411C	5/8	1.00	6.85 (17.40)	451246C	0.612/0.619	1.00	6.89				
	3/8 Inch NPT	465412C			(1.59)					(2.54)	(1.554/1.572)	(2.54)	(17.50)
	5/8 Inch Dia. Tubing	465413C			6.89 (17.50)								
1-1/4	1/2 NPT	465414C	3/4	1.50	7.41 (18.82)	451247C	0.743/0.745	1.50	7.45				
	3/4 Inch Dia. Tubing	465415C			(19.0)					(3.81)	(1.887/1.982)	(3.81)	(18.89)
1-1/2 Inch	1/2 Inch NPT	465405C	1	1.50	8.45 (21.46)	451244C	0.743/0.745	1.50	9.02				
	3/4 Inch NPT	465406C			(2.54)					(3.81)	(1.887/1.982)	(3.81)	(22.91)
	1 Inch Dia. Tubing	465407C			9.02 (22.91)								
2 Inch	1/2 Inch NPT	465405C	1	1.50	9.17 (23.29)	451244C	0.998/1.000	1.50	9.75				
	3/4 Inch NPT	465406C			(2.54)					(3.81)	(2.535/2.540)	(3.81)	(24.77)
	1 Inch Dia. Tubing	465407C			9.75 (24.77)								

NOTE: Elbows with BSP threads available in all sizes - contact the factory for information