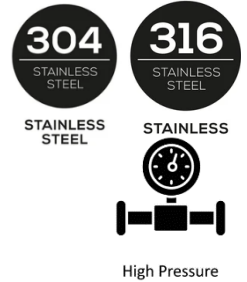


VOTH 360° coupler are ideal choice for Gases, hydraulic line applications, petrochemicals, aggressive liquids. Use of coupler prevents twisting of liquid line to safeguard liquid conveying pipeline or hose. Ideal to use in cases of live pressurized pipes or hoses when subjected to rotation to safeguard twisting damages.

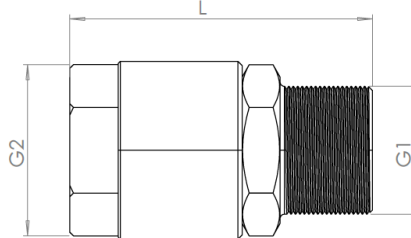
Design

Viton (V) as standard seal NBR (N) & EPDM (E) are also available
 Mildsteel (360 series) with electro nickel plating
 Various material of construction available SS304L (361 series), SS316L (362 series)



Industry

Petrochemical
 Aggressive liquids
 Water
 Hydraulics



TYPE	MODEL NO	L	G1	G2	Seal	MOC	WP(bar)	Speed(Rpm)	T(°C)
360	360-RJ-14-V	68	1/4"BSP	1/4"BSP	Viton	CS	300	65	155°C
360	360-RJ-38-V	70	3/8"BSP	3/8"BSP	Viton	CS	250	60	155°C
360	360-RJ-12-V	80	1/2"BSP	1/2"BSP	Viton	CS	220	60	155°C
360	360-RJ-13-V	82	3/4"BSP	3/4"BSP	Viton	CS	190	60	155°C
360	360-RJ-10-V	68	1"BSP	1"BSP	Viton	CS	180	40	155°C
360	360-RJ-114-V	102	1.1/4"BSP	1.1/4"BSP	Viton	CS	155	40	155°C
360	360-RJ-112-V	110	1.1/2"BSP	1.1/2"BSP	Viton	CS	140	40	155°C
360	360-RJ-200-V	120	2"BSP	2"BSP	Viton	CS	125	30	155°C
360	360-RJ-14-N	68	1/4"BSP	1/4"BSP	NBR	CS	300	65	108°C
360	360-RJ-38-N	70	3/8"BSP	3/8"BSP	NBR	CS	250	60	108°C
360	360-RJ-12-N	80	1/2"BSP	1/2"BSP	NBR	CS	220	60	108°C
360	360-RJ-13-N	82	3/4"BSP	3/4"BSP	NBR	CS	190	60	108°C
360	360-RJ-10-N	68	1"BSP	1"BSP	NBR	CS	180	40	108°C
360	360-RJ-114-N	102	1.1/4"BSP	1.1/4"BSP	NBR	CS	155	40	108°C
360	360-RJ-112-N	110	1.1/2"BSP	1.1/2"BSP	NBR	CS	140	40	108°C
360	360-RJ-200-N	120	2"BSP	2"BSP	NBR	CS	125	30	108°C
360	360-RJ-14-E	68	1/4"BSP	1/4"BSP	EPDM	CS	300	65	120°C
360	360-RJ-38-E	70	3/8"BSP	3/8"BSP	EPDM	CS	250	60	120°C
360	360-RJ-12-E	80	1/2"BSP	1/2"BSP	EPDM	CS	220	60	120°C
360	360-RJ-13-E	82	3/4"BSP	3/4"BSP	EPDM	CS	190	60	120°C
360	360-RJ-10-E	68	1"BSP	1"BSP	EPDM	CS	180	40	120°C
360	360-RJ-114-E	102	1.1/4"BSP	1.1/4"BSP	EPDM	CS	155	40	120°C
360	360-RJ-112-E	110	1.1/2"BSP	1.1/2"BSP	EPDM	CS	140	40	120°C
360	360-RJ-200-E	120	2"BSP	2"BSP	EPDM	CS	125	30	120°C

Looking for other MOC?

SS304L: use ordering code 361 : example [361-RJ-200-E G2" BSP Stainless steel 304L –EPDM seal]

SS316L: use ordering code 362 : example [362-RJ-200-E G2" BSP Stainless steel 316L–EPDM seal]

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Quick couplings without valve for low to medium pressure fluids. On the disconnect are required when there is no restriction and more flow are the key, VOTH's No check coupling series are easy to install because of the valveless design, allow for an unrestricted high-flow. These couplers will not produce any pressure drop due to its design. Reliable couplers last long on fluids.

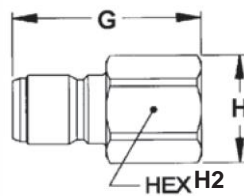
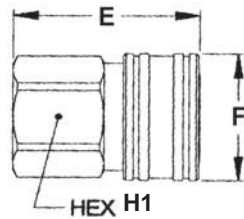
Design

Viton (V) as standard seal NBR (N) & EPDM (E) are also available
 Mildsteel (FFC series) with electro nickel plating
 Various material of construction available SS304L (FFD series),
 SS316L (FFA series)



Industry

Petrochemical
 Aggressive liquids
 Water
 Hydraulics



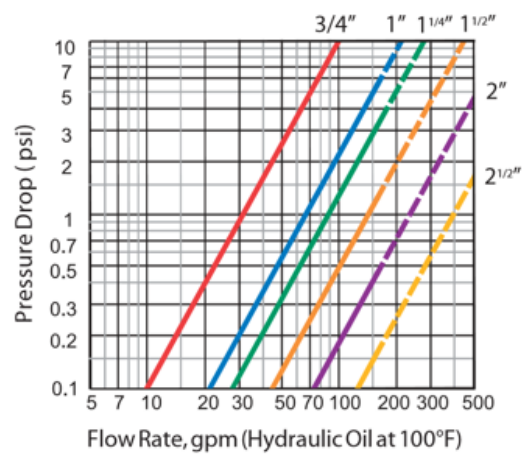
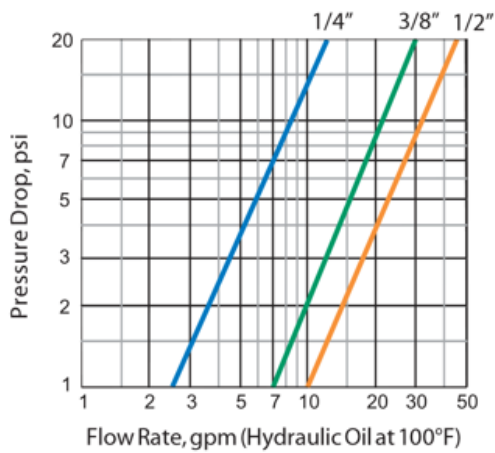
TYPE	MODEL NO	Seal	Nominal	Thread	A	B	C	D	E	F	G	H	H1	H2
#	#		Size dn	in	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
FFC	FFC-C-14-V	Viton	DN6	G1/4	44	24.6	39.6	16.5	38.1	24.6	36.8	20	20.6	17.5
FFC	FFC-C-38-V	Viton	DN8	G3/8	45	29.5	42.9	20.1	40.4	29.5	41.4	24	25.4	20.6
FFC	FFC-C-12-V	Viton	DN13	G1/2	52	34	51.1	25.7	48.5	34	48.8	29	28.7	25.4
FFC	FFC-C-13-V	Viton	DN20	G3/4	56	43.7	55.9	31.2	52.3	43.7	51.1	35	36.6	30.2
FFC	FFC-C-10-V	Viton	DN25	G1	64	51.6	63.2	40.4	59.2	51.6	56.1	46	44.5	39.6
FFC	FFC-C-114-V	Viton	DN32	G1.1/4			69.1	51.3	62	63.5	59.4	59	50.8	50.8
FFC	FFC-C-112-V	Viton	DN40	G1.1/2			84.1	66	73.2	79.5	73.2	66	66	57.2
FFC	FFC-C-200-V	Viton	DN50	G2			88.9	80.8	78.5	95.3	77	81	76.2	69.9
FFC	FFC-C-14-N	NBR	DN6	G1/4	44	24.6	39.6	16.5	38.1	24.6	36.8	20	20.6	17.5
FFC	FFC-C-38-N	NBR	DN8	G3/8	45	29.5	42.9	20.1	40.4	29.5	41.4	24	25.4	20.6
FFC	FFC-C-12-N	NBR	DN13	G1/2	52	34	51.1	25.7	48.5	34	48.8	29	28.7	25.4
FFC	FFC-C-13-N	NBR	DN20	G3/4	56	43.7	55.9	31.2	52.3	43.7	51.1	35	36.6	30.2
FFC	FFC-C-10-N	NBR	DN25	G1	64	51.6	63.2	40.4	59.2	51.6	56.1	46	44.5	39.6
FFC	FFC-C-114-N	NBR	DN32	G1.1/4			69.1	51.3	62	63.5	59.4	59	50.8	50.8
FFC	FFC-C-112-N	NBR	DN40	G1.1/2			84.1	66	73.2	79.5	73.2	66	66	57.2
FFC	FFC-C-200-N	NBR	DN50	G2			88.9	80.8	78.5	95.3	77	81	76.2	69.9
FFC	FFC-C-14-E	EPDM	DE6	G1/4	44	24.6	39.6	16.5	38.1	24.6	36.8	20	20.6	17.5
FFC	FFC-C-38-E	EPDM	DE8	G3/8	45	29.5	42.9	20.1	40.4	29.5	41.4	24	25.4	20.6
FFC	FFC-C-12-E	EPDM	DE13	G1/2	52	34	51.1	25.7	48.5	34	48.8	29	28.7	25.4
FFC	FFC-C-13-E	EPDM	DE20	G3/4	56	43.7	55.9	31.2	52.3	43.7	51.1	35	36.6	30.2
FFC	FFC-C-10-E	EPDM	DE25	G1	64	51.6	63.2	40.4	59.2	51.6	56.1	46	44.5	39.6
FFC	FFC-C-114-E	EPDM	DE32	G1.1/4			69.1	51.3	62	63.5	59.4	59	50.8	50.8
FFC	FFC-C-112-E	EPDM	DE40	G1.1/2			84.1	66	73.2	79.5	73.2	66	66	57.2
FFC	FFC-C-200-E	EPDM	DE50	G2			88.9	80.8	78.5	95.3	77	81	76.2	69.9

Looking for other MOC?

SS304L: use ordering code FFD : example [FFD-C-200-E G2" BSP Stainless steel 304L –EPDM seal]

SS316L: use ordering code FFA : example [FFA-C-200-E G2" BSP Stainless steel 316L–EPDM seal]

Pressure drop



Specifications

Nominal Size	Stainless steel		Brass	
	Working pressure	Burst Pressure	Working pressure	Burst Pressure
dn	bar	bar	bar	bar
DN6	66	139	53	111
DN8	58	122	49	103
DN13	55	116	44	92
DN20	45	95	38	80
DN25	35	74	30	63
DN32	28	59	22	46
DN40	16	34	14	29
DN50	11	23	8	17



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