BRASS SERVO-ASSISTED SIAPHRAGM SOLENOID VALVE ALONE



14TL0F0 NORMALY CLOSED SOLENOID VALVE ALONE (OPENING UNDER VOLTAGE)
14TL0F1 NORMALY OPEN SOLENOID VALVE ALONE (CLOSING UNDER VOLTAGE)

1. Features

Use:	Water, steam and light oils
Size:	1/2" to 3"
Connection:	Female gaz BSP
Max Temperature:	90°C
Specifications:	✓ High performing with low and high operating pressure differential ✓ Exclusive diaphragm design for a Superior Flow Rate ✓ Modular concept: a wide range of electrical parts increase the versatility of this product ✓ Manual override and speed control options
Materials:	CW617N UNI EN 12165:98 - Forged Brass

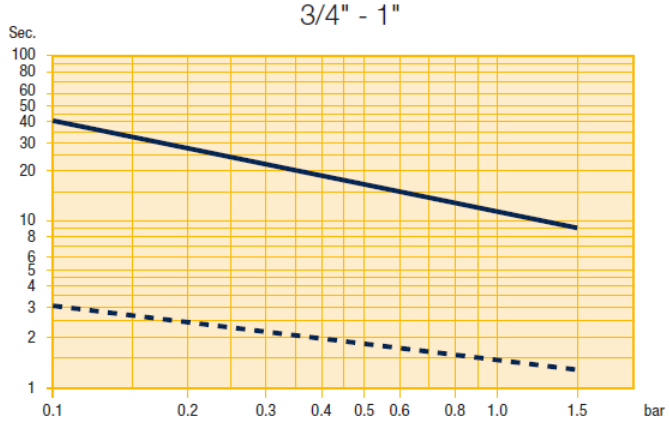
2. Materials

Part	Material
Valve body	CW617N UNI EN 12165:98 - Forged Brass
Enclosing tube	AISI 304 stainless steel
Plunger	AISI 430F St. Steel
Spring	AISI 302 St. Steel
Seals	NBR (Buna N)
Shading ring	Copper

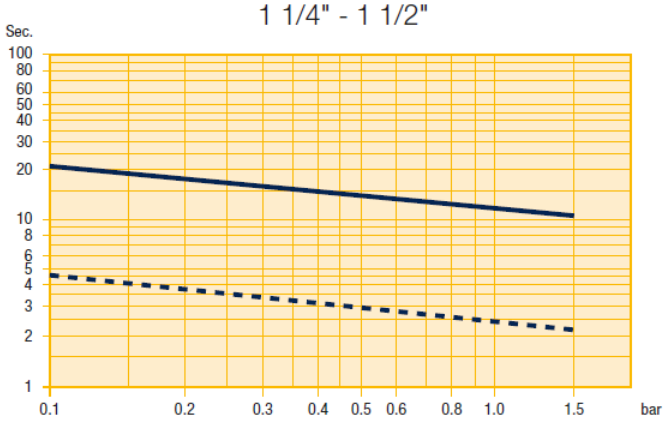
Information provided as an indication and subject to possible modification

3. Diagrams of closing times

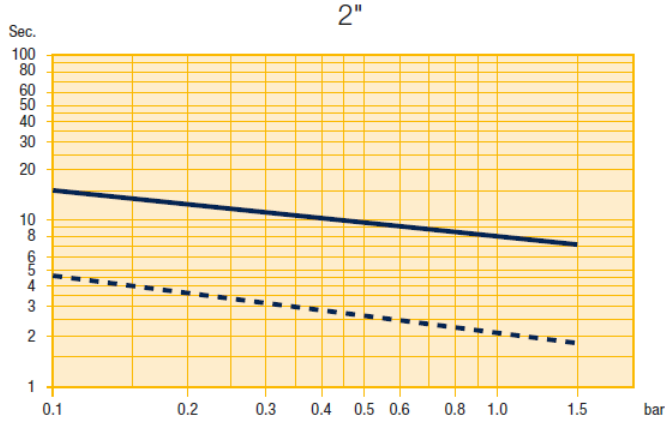
3/4" - 1"



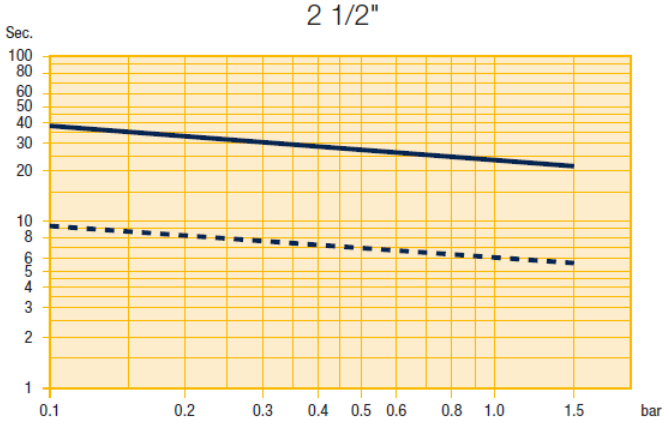
1 1/4" - 1 1/2"



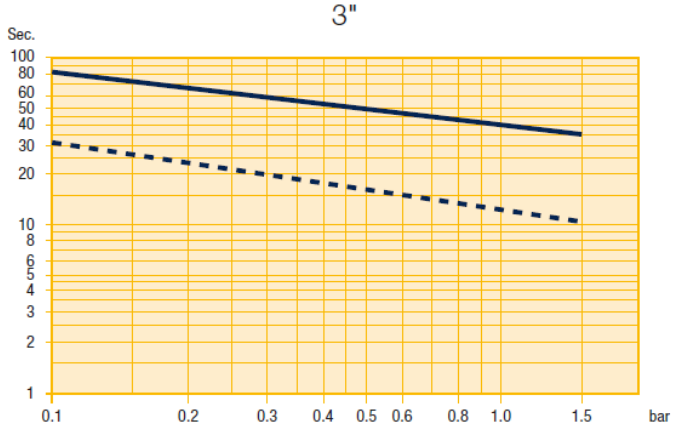
2"



2 1/2"



3"

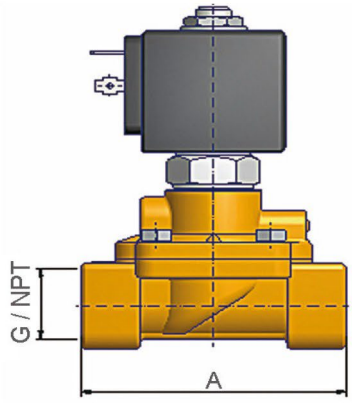


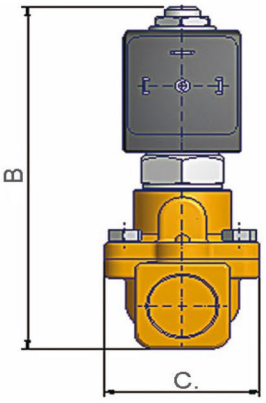
Curve 1: closing time with adjusting screw completely open

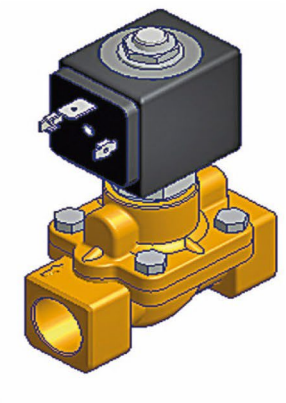
Curve 2: closing time with adjusting screw open ½ turn

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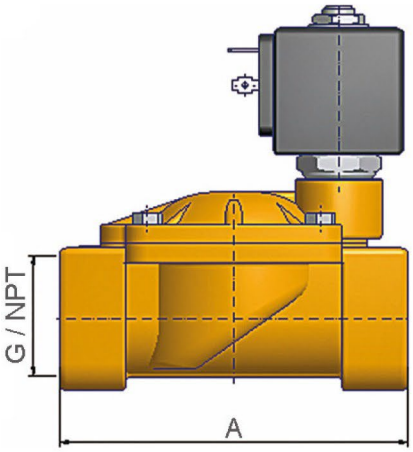
4. Dimensional Drawings

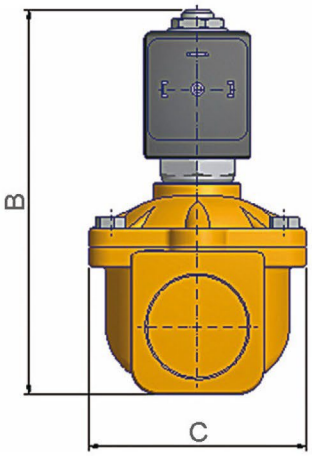


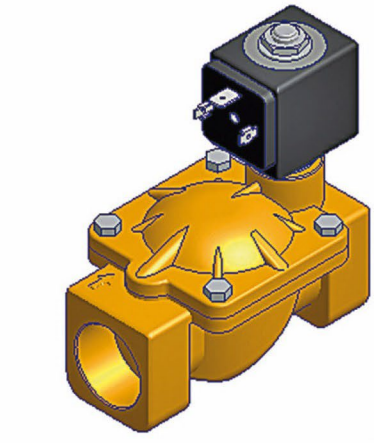




Ref.	Function	Connections	A		B		C	
		BSP	mm	inch	mm	inch	mm	inch
14TL0F0	Normally Closed	3/8'''	69	2.71	99.5	3.91	40	1.57
		1/2''	72	2.83	101.5	3.99	40	1.57
14TL0F1	Normally Open	3/8"	69	2.71	110	4.33	40	1.57
		1/2"	72	2.83	112	4.41	40	1.57





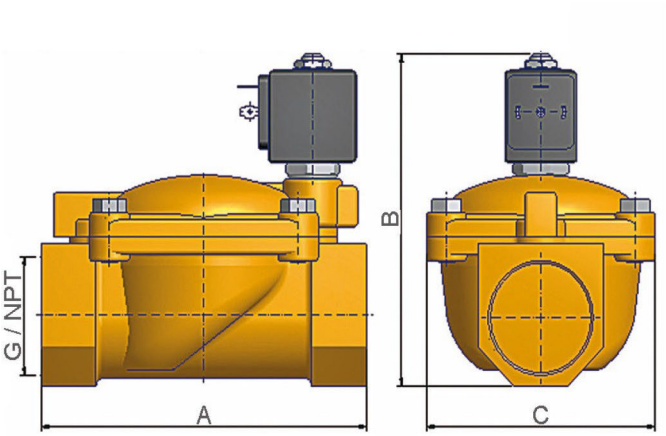


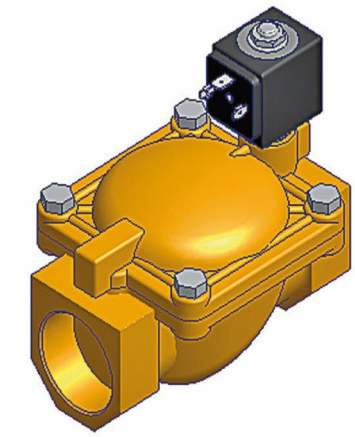
Ref.	Function	Connections	A		B		C	
		BSP	mm	inch	mm	inch	mm	inch
14TL0F0	Normally Closed	3/4"	100	3.83	107	4.21	65	2.55
		1''	104	4.09	112.5	4.42	65	2.55
14TL0F1	Normally Open	3/4"	100	3.83	117.5	4.62	65	2.55
		1"	104	4.09	123	4.84	65	2.55

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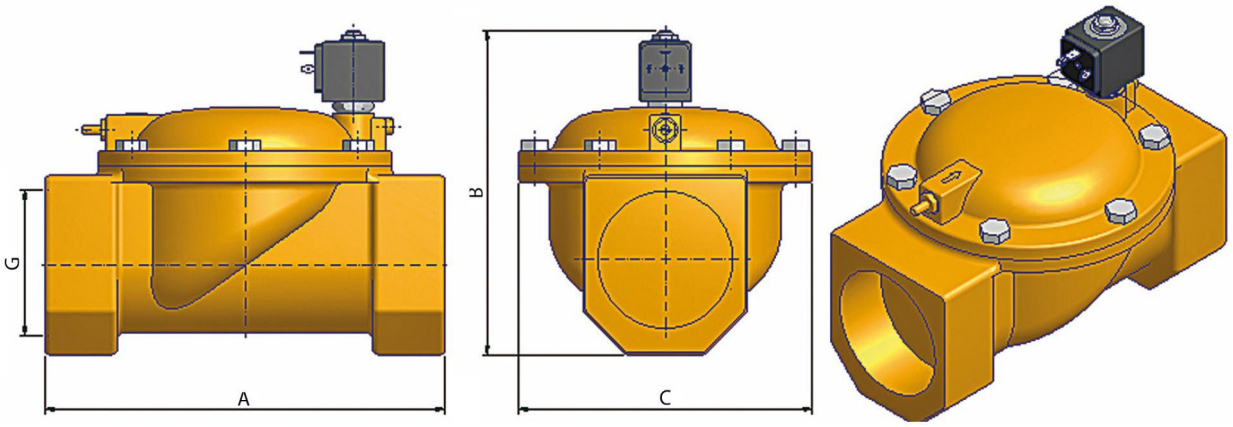
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Reference(s)
14TL0F0
14TL0F1





Ref.	Function	Connections	A		B		C	
		BSP	mm	inch	mm	inch	mm	inch
14TL0F0	Normally Closed	1 1/4'''	145	5.70	134	5.27	102	4.01
		1 1/2''	145	5.70	134	5.27	102	4.01
		2''	173	6.81	148	5.82	118	4.64
14TL0F1	Normally Open	1 1/4''	145	5.70	144.5	5.68	102	4.01
		1 1/2''	145	5.70	134	5.27	102	4.01
		2''	173	6.81	148	5.82	118	4.64



Ref.	Function	Connections	A		B		C	
		BSP	mm	inch	mm	inch	mm	inch
14TL0F0	Normally Closed	2 1/2''	245	9.64	195	7.67	184	7.24
		3''	250	9.84	195	7.67	184	7.24
14TL0F1	Normally Open	2 1/2''	245	9.64	205	8.07	184	7.24
		3''	245	9.64	205	8.07	184	7.24

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