

**T-PVD**700  
701  
702  
703  
704  
705**PNEUMATIC ACTUATED  
ANGLE SEAT PISTON VALVES****Pnömatik Pistonlu Vanalar****TORK®****2/2 way // 2 yollu****Normally Open****Normalde Açık****Normally Closed****Normalde Kapalı**

- **Stainless Steel**
- **AISI 316 body**
- **High flow rate**
- **High Quality**
- **Compact**
- **Suitable for Vacuum Application.**

**UYGULAMA****APPLICATION**

• Su	• Water
• Hava	• Air
• Buhar	• Steam
• Gaz	• Gas, natural gas
• Kimyasallar	• Chemicals
• Petrol Ürünleri	• Petroleum products
• Gıda	• Food
• İlaç Sanayii	• Pharmaceutical products
• Steril Ortam	• Sterilization
• Arıtma	• Watertreatment
• Boyama makinaları	• Dyeing
• Ambalaj makinaları	• Cleaning plants
• İçme suyu istasyonları	• Aggressive gases and liquid.
• Vakum uygulamalı	• Vacuum application
• Yağ	• Oil
• Petrol	• Petrol
• Alkol	• Alcohol
• Hidrolik yağ	• Salt solutions
• Tuzlu su	• Hydraulic liquids
• Doğalgaz	• Solvents organic
• Asid	• Acids

**Advantage of TORK Pneumatic Piston Valves**

- *Less pressure drop than the globe valves*
- *Short open-close time*
- *High flow rate*
- *All body metal, 316 AISI stainless steel*
- *Available on request flanged and welding connection*

**Pnömatik Piston Vanaların Avantajları**

- Glob Vanadan daha az basınç kaybı
- Kısa açma-kapama zamanı
- Yüksek Debi geçirgenliği
- Tüm gövde 316 AISI paslanmaz çelik, hassas döküm
- Dişli bağlantı, standart üretim

**Technical Features Pneumatic Piston Valves**

- **Type** : Pneumatic Actuated Angle Seat Piston Valve
- **Connection** : Screwed, G (BSP) welding, flanged.
- **Fonction** : Normally Closed, Normally Open
- **Working Temperature** : -10°C ... +180°C
- **Max. Operating Pressure** : 16 bar, 40 bar
- **Recommended Control Air Supply** : 4-6 bar
- **Air Supply Connection** : 1/4" G
- **Body** : All body stainless steel 316 AISI
- **Sealing material** : PTFE (opsiyonel viton, EPDM)
- **On request** : NPT serewed connection
- **Way** : 2/2 way
- **Duty application**

**Pnömatik Piston Vana Teknik Özellikler**

- **Tip** : Pnömatik Piston Vana
- **Bağlantı** : Dişli (G (BSP)), kaynaklı, Flanşlı
- **Pozisyon** : Normalde Kapalı / Normalde Açık
- **Çalışma Sıcaklığı** : -10°C / +180°C
- **Max. Çalışma Basıncı** : 16 bar, 40 bar ve vakum
- **Önerilen Hava Kontrol Basıncı** : 4 - 6 bar
- **Kontrol Havası Bağlantısı** : 1/4" G
- **Gövde** : Bütün gövde AISI 316
- **Sızdırmazlık Eğilimi** : PTFE (istek üzere viton, EPDM)
- **İstek üzere** : NPT dişli bağlantı
- **Yol adedi** : İki yollu (2/2)
- **Zor şartlarda çalışabilme**

Normally Open *Normalde Açık*  
Normally Closed *Normalde Kapalı*

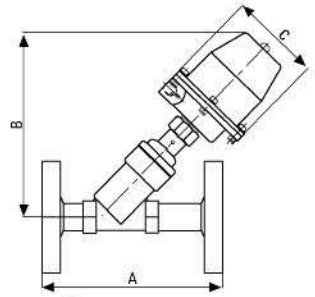


## UYGULAMA

## APPLICATION

- Su, hava, buhar
- Gaz
- Kimyasallar
- Petrol Ürünleri
- Gıda
- İlaç Sanayii
- Steril Ortam
- Arıtma
- Boyama makinaları
- Ambalaj makinaları
- İçme suyu istasyonları
- Vakum uygulamalı
- Yağ, petrol, alkol
- Hidrolik yağ
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- Gas, natural gas
- Chemicals
- Petroleum products
- Food
- Pharmaceutical products
- Sterilization
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- Cleaning plants
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- Vacuum application
- Oil, petrol, alcohol
- Hydraulic liquids
- Salt solutions
- Solvents organic
- Acids



Dimension / Ölçüler

Type	DN		A	B	C
Tip	mm	Ø	mm	mm	mm
T-PVD.F700	15	1/2"	150	178	96
T-PVD.F701	20	3/4"	150	185	96
T-PVD.F702	25	1"	160	185	96
T-PVD.F703	32	1 1/4"	180	234	112
T-PVD.F704	40	1 1/2"	200	240	112
T-PVD.F705	50	2"	230	248	112

F 700 series Normally Closed / F 700 serisi Normalde Kapalı

Connection Size	Orifice size	Pressure min / max	Control Cylinder	KV	Fluid Temperature		Seal	Valve Type / Order no	Weight
					min	max			
G"	mm	bar	Ø	lt/min	°C			T-PVD.F	(kg)
1/2"	15	16	63	98	-10	180	PTFE	T-PVD.F700	3.450
3/4"	20	12	63	170	-10	180	PTFE	T-PVD.F701	3.690
1"	25	8	63	305	-10	180	PTFE	T-PVD.F702	4.170
1 1/4"	32	12	80	460	-10	180	PTFE	T-PVD.F703	7.700
1 1/2"	40	8	80	750	-10	180	PTFE	T-PVD.F704	8.800
2"	50	6	80	1.050	-10	180	PTFE	T-PVD.F705	9.100

F 700 A series Normally Open / F 700 A serisi Normalde Açık

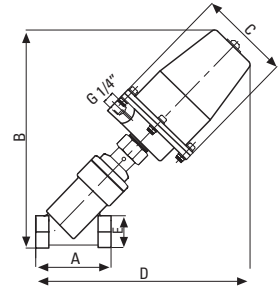
Connection Size	Orifice size	Pressure min / max		Control Cylinder	KV	Fluid Temperature		Seal	Valve Type / Order no	Weight
		min	max			min	max			
G"	mm	bar		Ø	lt/min	°C			T-PVD.F	(kg)
1/2"	15	2	8	63	98	-10	180	PTFE	T-PVD.F700.A	3.450
3/4"	20	2	8	63	170	-10	180	PTFE	T-PVD.F701.A	3.690
1"	25	2	8	63	305	-10	180	PTFE	T-PVD.F702.A	4.170
1 1/4"	32	2	8	80	460	-10	180	PTFE	T-PVD.F703.A	7.700
1 1/2"	40	2	8	80	750	-10	180	PTFE	T-PVD.F704.A	8.800
2"	50	2	8	80	1.050	-10	180	PTFE	T-PVD.F705.A	9.100

## Normally Closed / Normalde Kapalı

- Yüksek basınç max. 40 bar
- Dişli bağlantı



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• Ambalaj makinaları	• Cleaning plants
• İçme suyu istasyonları	• Aggressive gases and liquid.
• Vakum uygulamalı	• Vacuum application
• Yağ	• Oil
• Petrol	• Petrol
• Alkol	• Alcohol
• Hidrolik yağ	• Salt solutions
• Tuzlu su	• Hydraulic liquids
• Doğalgaz	• Solvents organic
• Asid	• Acids



## Dimension / Ölçüler

Type	DN	A	B	C	D	E
Tip	mm	Ø	mm	mm	mm	mm
T-PVD.H700	15	1/2"	72	188	110	210
T-PVD.H701	20	3/4"	81	195	110	215
T-PVD.H702	25	1"	97	197	110	215

## H700 series Normally Closed / H700 serisi Normalde Kapalı

Connection Size	Orifice size	Pressure min / max	Control Cylinder	KV	Fluid Temperature		Seal	Valve Type / Order no	Weight
G"	mm	bar	Ø	lt/min	min	°C max		T-PVD.H	(kg)
1/2"	15	40	80	98	-10	180	PTFE	T-PVD.H700	3.350
3/4"	20	30	80	170	-10	180	PTFE	T-PVD.H701	3.580
1"	25	20	80	305	-10	180	PTFE	T-PVD.H702	4.050

Normally Open **Normalde Açık**  
Normally Closed **Normalde Kapalı**

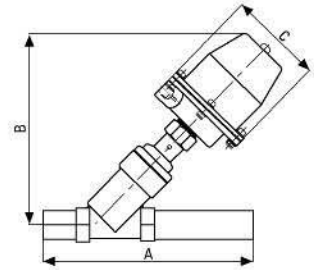


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## Dimension / Ölçüler

Type	DN		A	B	C
Tip	mm	Ø	mm	mm	mm
T-PVD.K700	15	1/2"	202	178	96
T-PVD.K701	20	3/4"	205	185	96
T-PVD.K702	25	1"	208	185	96
T-PVD.K703	32	1 1/4"	248	234	112
T-PVD.K704	40	1 1/2"	267	240	112
T-PVD.K705	50	2"	295	248	112

W 700 series Normally Closed / W 700 serisi Normalde Kapalı

Connection Size	Orifice size	Pressure min / max		Control Cylinder	KV	Fluid Temperature		Seal	Valve Type / Order no	Weight
		bar	Ø			lt/min	min °C			
G"	mm	bar	Ø	lt/min	min °C	max			T-PVD.W	(kg)
1/2"	15	16	63	98	-10	180	PTFE	T-PVD.W700	2.260	
3/4"	20	12	63	170	-10	180	PTFE	T-PVD.W701	2.420	
1"	25	8	63	305	-10	180	PTFE	T-PVD.W702	2.730	
1 1/4"	32	12	80	460	-10	180	PTFE	T-PVD.W703	5.1	
1 1/2"	40	8	80	750	-10	180	PTFE	T-PVD.W704	5.65	
2"	50	6	80	1.050	-10	180	PTFE	T-PVD.W705	6	

W 700 A series Normally Open / W700 A serisi Normalde Açık

Connection Size	Orifice size	Pressure min / max		Control Cylinder	KV	Fluid Temperature		Seal	Valve Type / Order no	Weight
		bar	Ø			lt/min	min °C			
G"	mm	bar	Ø <td>lt/min</td> <td>min °C</td> <td>max</td> <td></td> <td></td> <td>T-PVD.W</td> <td>(kg)</td>	lt/min	min °C	max			T-PVD.W	(kg)
1/2"	15	2 8	63	98	-10	180	PTFE	T-PVD.W700.A	2.260	
3/4"	20	2 8	63	170	-10	180	PTFE	T-PVD.W701.A	2.420	
1"	25	2 8	63	305	-10	180	PTFE	T-PVD.W702.A	2.730	
1 1/4"	32	2 8	80	460	-10	180	PTFE	T-PVD.W703.A	5.1	
1 1/2"	40	2 8	80	750	-10	180	PTFE	T-PVD.W704.A	5.65	
2"	50	2 8	80	1.050	-10	180	PTFE	T-PVD.W705.A	6	

Normally Open **Normalde Açık**  
Normally Closed **Normalde Kapalı**

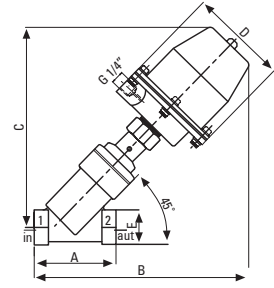


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## Dimension / Ölçüler

Type	DN	A	B	C	D	E
Tip	mm Ø	mm	mm	mm	mm	mm
T-PVD.S700	15 1/2"	72	187	178	96	30
T-PVD.S701	20 3/4"	81	191	185	96	36
T-PVD.S702	25 1"	97	195	185	96	42
T-PVD.S703	32 1 1/4"	112	244	234	112	51
T-PVD.S704	40 1 1/2"	127	254	240	112	61
T-PVD.S705	50 2"	142	270	248	112	71

S700 series Normally Closed / S700 serisi Normalde Kapalı

Connection Size	Orifice size	Pressure min / max	Control Cylinder	KV	Fluid Temperature	Seal	Valve Type / Order no	Weight
G"	mm	bar	Ø	lt/min	min °C max		T-PVD.S	(kg)
1/2"	15	16	63	98	-10 180	PTFE	T-PVD.S700	2.150
3/4"	20	12	63	170	-10 180	PTFE	T-PVD.S701	2.300
1"	25	8	63	305	-10 180	PTFE	T-PVD.S702	2.600
1 1/4"	32	12	80	460	-10 180	PTFE	T-PVD.S703	4.600
1 1/2"	40	8	80	750	-10 180	PTFE	T-PVD.S704	5.350
2"	50	6	80	1050	-10 180	PTFE	T-PVD.S705	5.200

S700 A series Normally Open / S700 A serisi Normalde Açık

Connection Size	Orifice size	Pressure min / max	Control Cylinder	KV	Fluid Temperature	Seal	Valve Type / Order no	Weight
G"	mm	bar	Ø	lt/min	min °C max		T-PVD.S	(kg)
1/2"	15	2 8	63	98	--10 180	PTFE	T-PVD.S700.A	2.150
3/4"	20	2 8	63	170	-10 180	PTFE	T-PVD.S701.A	2.300
1"	25	2 8	63	305	-10 180	PTFE	T-PVD.S702.A	2.600
1 1/4"	32	2 8	80	460	-10 180	PTFE	T-PVD.S703.A	4.600
1 1/2"	40	2 8	80	750	-10 180	PTFE	T-PVD.S704.A	5.350
2"	50	2 8	80	1050	-10 180	PTFE	T-PVD.S705.A	5.200