



41 THP Series 2/2 Solenoid Valve

How to Order?

THP -- **06** -- **E2** -- -- **2.5L** -- S2 -- --

THP Series 06: 1/8" 08: 1/4" 10: 3/8" 15: 1/2" 20: 3/4" 25: 1" 35: 1-1/4" 40: 1-1/2" 50: 2" 25F: 1" Flange 35F: 1-1/4" Flange 40F: 1-1/2" Flange 50F: 2" Flange	Port size 06: 1/8" 08: 1/4" 10: 3/8" 15: 1/2" 20: 3/4" 25: 1" 35: 1-1/4" 40: 1-1/2" 50: 2" 25F: 1" Flange 35F: 1-1/4" Flange 40F: 1-1/2" Flange 50F: 2" Flange	Voltage E1: AC110V E2: AC220V E3: AC380V E4: DC24V E5: DC12V E6: AC36V E7: AC24V E8: DC110V E9: DC48V E10: DC36V	Seal Material Blank: NBR T: Teflon V: VITON E: EPDM If: EPDM (N,V,E Orifice ≤ φ 5.5mm Optional)	Orifice(mm) 2.5L: 2.5 4.5L: 4.5 15L: 15.0 20L: 20.0 25L: 25.0 35L: 35.0 40L: 40.0 50L: 50.0	Valve Body Blank: Brass S1: SS316 S2: SS304	Control Style Blank: Normal Close H: Normal Open	Blank: DIN Connector F: Flying Leads
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Cancel if same with port size

Order example:

- * THP series, 2 position, 2 port, AC110V, 1/8" port size, Orifice: 2.5mm, Brass, Normal Close, NBR Seal, DIN Coil, Model: THP06E1-2.5L
- * THP series, 2 position, 2 port, AC220V, 3/8" port size, Orifice: 15mm, SS304, Normal Open, Teflon Seal, Flying Leads Coil, Model: THP10TE2-15LS2HF

THP Series 2/2 Solenoid Valve (Normal Close)



THP-15TE2



THP-15TE2S2



Port size	Orifice (mm)	CV value	Pressure difference (Bar)								Max. temperature (°C)	Power		Model 220CAC 50/60HZ		Main dimensions Length x Width x Height AxBxH(mm)
			Max. working pressure									VA	W	Brass	Stainless steel	
			Air, Gas		Water, Hot water, Liquid		Light oil ≤20CST		Steam							
AC	DC	AC	DC	AC	DC	AC	DC	AC	DC	AC	DC	VA	W	Brass	Stainless steel	
1/8"	2.5	0.23	0	8	8	8	8	6	6	10	180	22	13	THP06E2T-2.5L	---	48 x 25 x 85.5
	2.5	0.23	0	13	13	13	13	7	7	10	110	22	13	THP06E2V-2.5L	---	48 x 25 x 85.5
	4.5	0.6	0	7	4	7	4	4	4	7	165	22	13	THP06E2T-4.5L	---	58 x 25 x 85.5
	4.5	0.6	0	7	4	7	4	4	4	7	110	22	13	THP06E2V-4.5L	---	58 x 25 x 85.5
1/4"	2.5	0.23	0	7	4	7	4	4	4	10	180	22	13	THP08E2T-2.5L	---	48 x 25 x 85.5
	2.5	0.23	0	13	13	13	13	7	7	10	110	22	13	THP08E2V-2.5L	---	48 x 25 x 85.5
	4.5	0.6	0	7	4	7	4	4	4	7	165	22	13	THP08E2T-4.5L	---	58 x 25 x 85.5
	4.5	0.6	0	7	4	7	4	4	4	7	110	22	13	THP08E2V-4.5L	---	58 x 25 x 85.5
3/8"	15	4.5	0.5	25	20	25	20	20	20	20	110	33	32	THP10E2V-15L	THP10E2V-15LS2	75 x 52 x 129
	15	4.5	0.5	25	20	25	20	20	20	10	185	30	25	THP10E2T-15L	THP10E2T-15LS2	75 x 52 x 129
1/2"	15	4.5	0.5	25	20	25	20	20	20	20	110	33	32	THP-15E2V	THP-15E2VS2	75 x 52 x 129
	15	4.5	0.5	25	20	25	20	20	20	10	185	30	25	THP-15E2T	THP-15E2TS2	75 x 52 x 129
3/4"	20	9.0	0.5	25	20	25	20	20	20	20	110	33	32	THP-20E2V	THP-20E2VS2	85 x 60 x 141
	20	9.0	0.5	25	20	25	20	20	20	10	185	30	25	THP-20E2T	THP-20E2TS2	85 x 60 x 141
1"	25	13	0.5	25	20	25	20	20	20	20	110	33	32	THP-25E2V	THP-25E2VS2	100 x 70 x 148
	25	13	0.5	25	20	25	20	20	20	10	185	30	25	THP-25E2T	THP-25E2TS2	100 x 70 x 148
1-1/4"	35	26	0.5	25	20	25	20	20	20	20	110	33	32	THP-35E2V	THP-35E2VS2	120 x 90 x 168
	35	26	0.5	25	20	25	20	20	20	10	185	30	25	THP-35E2T	THP-35E2TS2	120 x 90 x 168
1-1/2"	35	26	0.5	25	20	25	20	20	20	20	110	33	32	THP40E2V-35L	THP40E2V-35LS2	120 x 90 x 168
	35	26	0.5	25	20	25	20	20	20	10	185	30	25	THP40E2T-35L	THP40E2T-35LS2	120 x 90 x 168
2"	50	48	0.5	25	20	25	20	20	20	20	110	33	32	---	THP-50E2VS2	150 x 110 x 190
	50	48	0.5	25	20	25	20	20	20	10	185	30	25	---	THP-50E2TS2	150 x 110 x 190
1"	25	13	0.5	25	20	25	20	20	20	20	110	33	32	---	THPFE2V-25LS2	134 x 110 x 185
	25	13	0.5	25	20	25	20	20	20	10	185	30	25	---	THPFE2T-25LS2	134 x 110 x 185
Flange 1-1/4"	35	26	0.5	25	20	25	20	20	20	20	110	33	32	---	THPFE2V-35LS2	160 x 135 x 200
	35	26	0.5	25	20	25	20	20	20	10	185	30	25	---	THPFE2T-35LS2	160 x 135 x 200
Flange 1-1/2"	35	26	0.5	25	20	25	20	20	20	20	110	33	32	---	THPFE2V-40LS2	160 x 145 x 205
	35	26	0.5	25	20	25	20	20	20	10	185	30	25	---	THPFE2T-40LS2	160 x 145 x 205
Flange 2"	50	45	0.5	25	20	25	20	20	20	20	110	33	32	---	THPFE2V-50LS2	200 x 155 x 250
	50	45	0.5	25	20	25	20	20	20	10	185	30	25	---	THPFE2T-50LS2	200 x 155 x 250



THP/THP-H Series 2/2 Solenoid Valve

Port Size	Orifice mm	CV Value	Min. Pressure	Pressure Difference (Bar)								Max. Temperature (°C)	Power		Model 220CAC 50/60HZ		
				Air, Gas				Max. Working Pressure					Steam	VA	W	Brass	Stainless Steel
				AC	DC	AC	DC	AC	DC	AC/DC							
1-1/4"	35	26	0.5	25	20	25	20	20	20	20	10	110	33	32	THP-35E2V	THP-35E2VS2	
	35	26	0.5	25	20	25	20	20	20	20	10	185	30	25	THP-35E2T	THP-35E2TS2	
1-1/2"	35	26	0.5	25	20	25	20	20	20	20	10	110	33	32	THP40E2V-35L	THP40E2V-35LS2	
	35	26	0.5	25	20	25	20	20	20	20	10	185	30	25	THP40E2T-35L	THP40E2T-35LS2	
2"	50	48	0.5	25	20	25	20	20	20	20	10	110	33	32	---	THP-50E2VS2	
	50	48	0.5	25	20	25	20	20	20	20	10	185	30	25	---	THP-50E2TS2	
1"	25	13	0.5	25	20	25	20	20	20	20	10	110	33	32	---	THP-25FE2VS2	
Flange	25	13	0.5	25	20	25	20	20	20	20	10	185	30	25	---	THP-25FE2TS2	
1-1/4"	35	26	0.5	25	20	25	20	20	20	20	10	110	33	32	---	THP-35FE2VS2	
Flange	35	26	0.5	25	20	25	20	20	20	20	10	185	30	25	---	THP-35FE2TS2	
1-1/2"	35	26	0.5	25	20	25	20	20	20	20	10	110	33	32	---	THP40FE2V-35LS2	
Flange	35	26	0.5	25	20	25	20	20	20	20	10	185	30	25	---	THP40FE2T-35LS2	
2"	50	45	0.5	25	20	25	20	20	20	20	10	110	33	32	---	THP-50FE2VS2	
Flange	50	45	0.5	25	20	25	20	20	20	20	10	185	30	25	---	THP-50FE2TS2	

THP-H Series 2/2 Solenoid Valve (Normal Open)



THP-15TE2H



THP-15TE2S2H



(G) Port size	Orifice (mm)	CV value	Min. pressure	Pressure difference (Bar)				Max. temperature (°C)	Power		Model 220CAC 50/60HZ	
				Max. working pressure					AC 220V	DC 24V	Brass	Stainless steel 304
				Air, Gas	Water, Hot water, Liquid	Light oil ≤20CST	Steam					
3/8"	15	4.5	0.5	8	8	8	8	130	33	32	THP10E2T-15LH	THP10E2T-15LS2H
	15	4.5	0.5	8	8	8	8	130	33	32	THP10E2T-15LHF	THP10E2T-15LS2HF
1/2"	15	4.5	0.5	8	8	8	8	130	33	32	THP-15E2TH	THP-15E2TS2H
	15	4.5	0.5	8	8	8	8	130	33	32	THP-15E2THF	THP-15E2TS2HF
3/4"	20	9.0	0.5	8	8	8	8	130	33	32	THP-20E2TH	THP-20E2TS2H
	20	9.0	0.5	8	8	8	8	130	33	32	THP-20E2THF	THP-20E2TS2HF
1"	25	13	0.5	8	8	8	8	130	33	32	THP-25E2TH	THP-25E2TS2H
	25	13	0.5	8	8	8	8	130	33	32	THP-25E2THF	THP-25E2TS2HF
1-1/4"	35	26	0.5	6	6	6	6	130	33	32	THP-35E2TH	THP-35E2TS2H
	35	26	0.5	6	6	6	6	130	33	32	THP-35E2THF	THP-35E2TS2HF
1-1/2"	35	26	0.5	6	6	6	6	130	33	32	THP40E2T-36LH	THP40E2T-36LS2H
	35	26	0.5	6	6	6	6	130	33	32	THP40E2T-36LHF	THP40E2T-36LS2HF
1" Flange	25	13	0.5	8	8	8	8	130	33	32	-	THP-25FE2TS2H
	25	13	0.5	8	8	8	8	130	33	32	-	THP-25FE2TS2HF
1-1/4" Flange	35	26	0.5	6	6	6	6	130	33	32	-	THP-35FE2TS2H
	35	26	0.5	6	6	6	6	130	33	32	-	THP-35FE2TS2HF
1-1/2" Flange	35	26	0.5	6	6	6	6	130	33	32	-	THP40FE2T-35LS2H
	35	26	0.5	6	6	6	6	130	33	32	-	THP40FE2T-35LS2HF
2" Flange	50	48	0.5	6	6	6	6	130	33	32	-	THP-50FE2TS2H
	50	48	0.5	6	6	6	6	130	33	32	-	THP-50FE2TS2HF