

# THPLK

Pilot operated check valve  
Max pressure 315 bar  
Max flow 150 l/min



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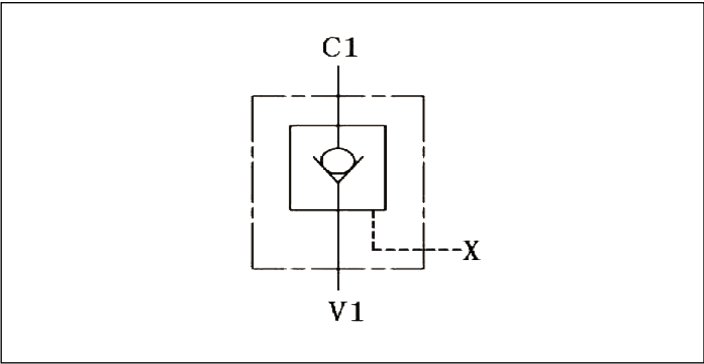
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Introduction

- Flow is allowed to pass from V1 to C1 when pressure at V1 rise above the Spring bias pressure and the poppet is pushed from its seat.
  - The valve is normally closed (checked) from V1 to C1; When sufficient pilot pressure is present at X port, the pilot piston acts to push the poppet from its seat and flow is allowed from C1 to V1.
  - Precision machining and hardening processes allows virtually leak free performance in the checked conditions.
- Symbol:



Technical data

Model	THPLK-G1/4-20	THPLK-G3/8-35	THPLK-G1/2-50	THPLK-G3/4-100	THPLK-G1-150
Max flow rate (l/min)	20	35	50	100	150
Max Operating pressure (bar)	315				
Pilot ratio	4.7:1	4.4:1	4.6:1	3.8:1	3.2:1
Valve body (material) Surface treatment	(Steel body) Surface clear zinc plating				
Oil Cleanliness	NAS1638 class9 and ISO 4406 class 20/18/15				

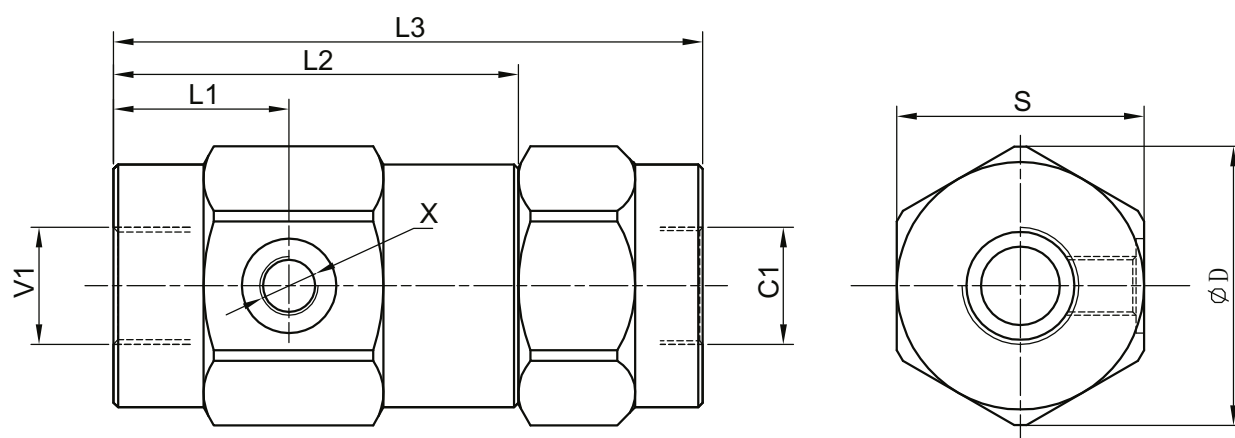
Ordering code

Line mounting single pilot operated check valve				THPLK	G1/4	20	
Thread Size							Flow (l/min)
1/4"	= G1/4	20 =					20
3/8"	= G3/8	35 =					35
1/2"	= G1/2	50 =					50
3/4"	= G3/4	100 =					100
1"	= G1	150 =					150



## THPLK Installation Dimensions

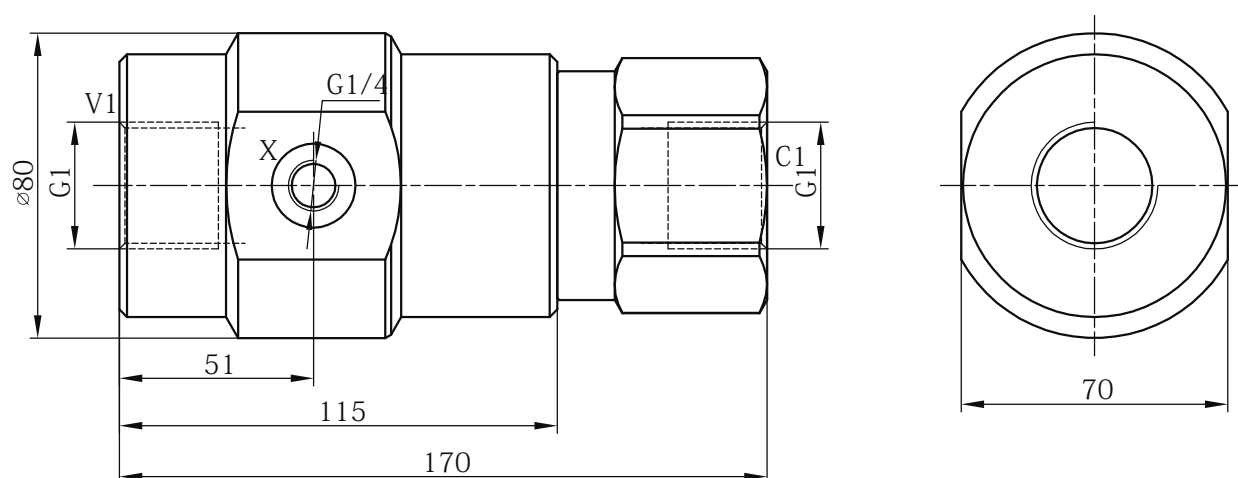
(Dimensions in mm)



Model	L1	L2	L3	V1C1	X	S	ØD
THPLK-1/4-20	29	78	101.5	G1/4"	G1/4"	40	44
THPLK-3/8-35	31.5	82	106	G3/8"	G1/4"	41	45
THPLK-1/2-50	36	85	120	G1/2"	G1/4"	42	47
THPLK-3/4-100	39	90	131	G3/4"	G1/4"	55	62

## THPLK-1-150 Installation Dimensions

(Dimensions in mm)

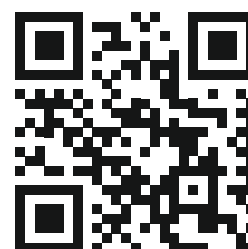


The specified data is for product description purposes only and may not be deemed to be guaranteed unless expressly confirmed in the contract.



**THM Huade Hydraulics Pvt Ltd**

F-127, Phase-VIII, Focal Point,  
Ludhiana-141010, Punjab (INDIA)  
PH: 0161-2672777, 0161-2672778  
E-mail: [sales@thmhuade.com](mailto:sales@thmhuade.com)  
Website: [www.thmhuade.com](http://www.thmhuade.com)



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