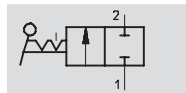


# Shut-off valves HE

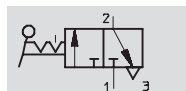
Technical data

FESTO


Function

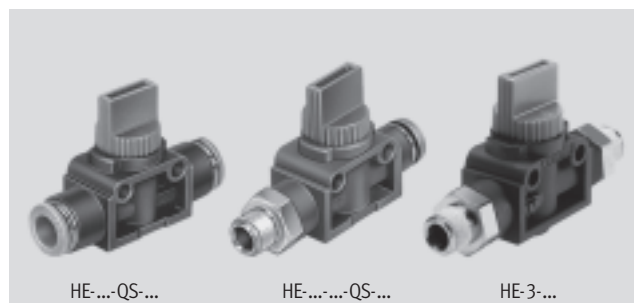


2/2-way



3/2-way

-  - Flow rate  
280 ... 840 l/min

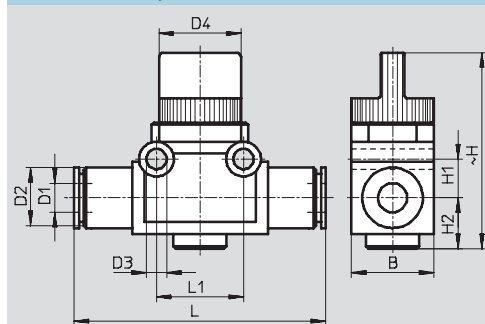


General technical data				
Push-in connector for tubing O.D.	[mm]	6	8	10
Type of mounting	2 through-holes in housing In-line installation			
Nominal size	[mm]	5	5	7

Operating and environmental conditions	
Operating medium	Filtered compressed air, lubricated or unlubricated
Operating pressure	[bar] -0.75 ... +10
Temperature of medium	[°C] 0 ... 60

Technical data – QS push-in connector at both ends				
Push-in connector for tubing O.D.	[mm]	6	8	10
Standard nominal flow rate	HE-2 [l/min]	280	390	760
1x2	HE-3 [l/min]	280	390	780
Materials	Housing: Polybutylene terephthalate			
Note on material	Free of copper, PTFE and silicone → Ordering data			
Weight	[g]	25	27	44

Dimensions – QS push-in connector, both ends [Download CAD data → www.festo.com/en/engineering](http://www.festo.com/en/engineering)



Tubing O.D. D1	B	D2 Ø	D3 Ø	D4 Ø	H	H1	H2	L	L1
6	17	12.5	4.2	16.5	40.5	8	10.5	53.2	18
8	17	15	4.2	16.5	40.5	8	10.5	56	18
10	21	17.5	4.2	19.5	41	11	10.5	65	24
12	21	21	4.2	19.5	41	11	10.5	70.2	24

# Shut-off valves HE

Technical data

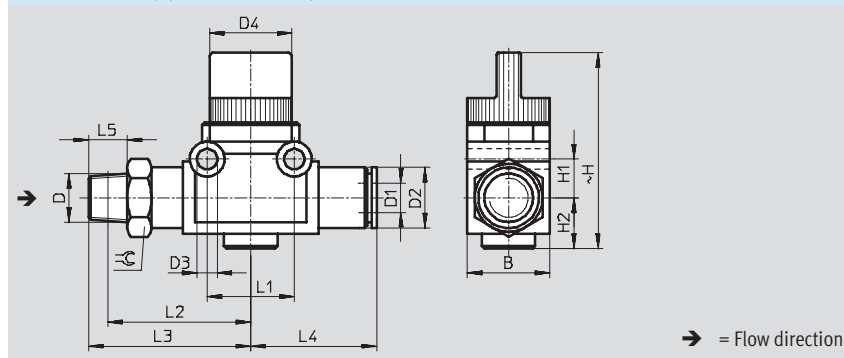
FESTO

Technical data – Connecting thread at one or both ends					
Connecting thread			R $\frac{1}{8}$	R $\frac{1}{4}$	R $\frac{3}{8}$
Push-in connector for tubing O.D.			6	8	10
Standard nominal flow rate			310	400	730
1 > 2			300	380	730
Permissible tightening torque			7 ... 9	12 ... 14	22 ... 24
Materials			Housing: Polybutylene terephthalate		
			Threaded connection: Nickel-plated brass		
Weight	Connecting thread at one end	[g]	33	45	70
	Connecting thread at both ends	[g]	42	80	96

## Dimensions – Connecting thread at one end

Download CAD data → [www.festo.com/en/engineering](http://www.festo.com/en/engineering)

With PTFE-coated pipe thread and QS push-in connector, can be rotated 360°

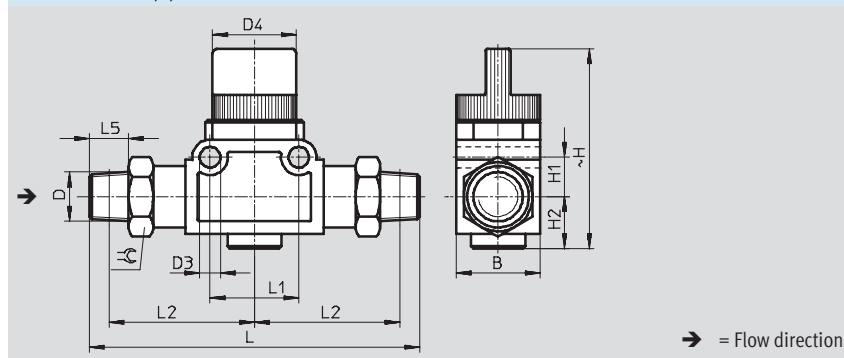


Connecting thread D	B	D1 Ø	D2 Ø	D3 Ø	D4 Ø	H	H1	H2	L1	L2	L3	L4	L5	↻
R $\frac{1}{8}$	17	6	12.5	4.2	16.5	40.5	8	10.5	18	29.5	33.5	26	8	14
R $\frac{1}{4}$	17	8	15	4.2	16.5	40.5	8	10.5	18	30.5	36.5	28	11	14
R $\frac{3}{8}$	21	10	17.5	4.2	19.5	41	11	10.5	24	37	43.5	32.5	12	17
R $\frac{1}{2}$	21	12	21	4.2	19.5	41	11	10.5	24	38.5	46.5	35.5	15	21

## Dimensions – Connecting thread at both ends

Download CAD data → [www.festo.com/en/engineering](http://www.festo.com/en/engineering)

With PTFE-coated pipe thread at both ends, can be rotated 360°



Connecting thread D	B	D3 Ø	D4 Ø	H	H1	H2	L	L1	L2	L5	↻
R $\frac{1}{8}$	17	4.2	16.5	40.5	8	10.5	67	18	29.5	8	14
R $\frac{1}{4}$	21	4.2	19.5	41	11	10.5	85	24	36.5	11	17
R $\frac{3}{8}$	21	4.2	19.5	41	11	10.5	87	24	37	12	17