Manually and mechanically actuated valves
VMEF/VHEF

FESTO

Direct control!

Highlights

- Precise mechanical system
- Sturdy metal housing
- Ergonomic, reliable operation
- Minimal actuating forces
- Modern design

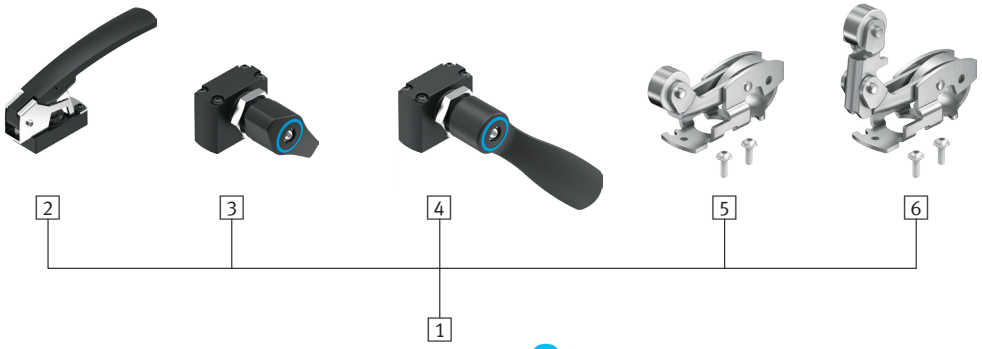
Whether the mechanism is triggered by a workpiece, a component or a person, manual or mechanical valves are the most direct way to control a process. There is no energy to convert, no additional response times, no long cables. The actuated plunger switches the valve and triggers the next step in the process. The new series now comes with many functions for use directly in the field.

Mechanical principles
The essence of any mechanical device is an accurate response. That is exactly why this mechanical system is designed to respond with precision. It can therefore be installed without backlash in just a few steps.

Applications in the field
A manual or mechanical valve must be optimally designed and capable of withstanding loads to allow for the occasional harsh conditions found in the field. You can rely on the new VMEF/VHEF series even these circumstances. They ensure smooth processes without unduly straining your budget.

Manually and mechanically actuated valves
VMEF/VHEF

VHEF	VMEF
Manual	Mechanical
1 Stem actuated valve	
2 Finger lever valve	
3 Selector valve	
4 Hand lever valve	
	5 Roller lever valve
	6 Toggle lever valve with idle return

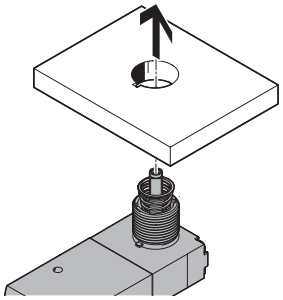


A variety of mechanical attachments transforms the pure stem actuated valve into the solution you need.

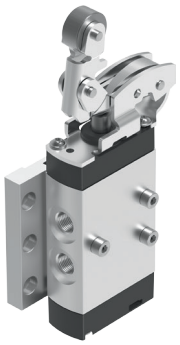
VHEF/VMEF						
Connection size	G1/8 (1/8 NPT)			G1/4 (1/4 NPT)		
Width [mm]	20			20		
Function	3/2-way N/C or 3/2-way N/O		5/2-way	3/2-way N/C or 3/2-way N/O		5/2-way
Flow rate [l/min]	750	670	750	870	750	1200
Pressure range*) (mechanical spring) [bar]	-0.9 ... 10			-0.9 ... 10		
Pressure range (pneumatic spring) [bar]	2.5 ... 10	3.5 ... 10	2.5 ... 10	2.5 ... 10	3.5 ... 10	2.5 ... 10

*) Only with VHEF (manual)

Mounting options



Mounting on a slotted guide track for control cabinet solutions or undercut designs is possible by loosening the manual actuating elements at 3 and 4



The adapter plate for adjusting the switching point permits axial movement in the mounting slots.

PSI 233.3 en 2018/03 – Errors and omissions excepted