

The workpiece clamp and workpiece supporter on the primary circuit can be used to act in turn.

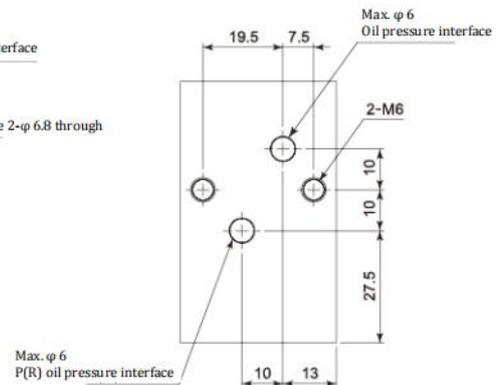
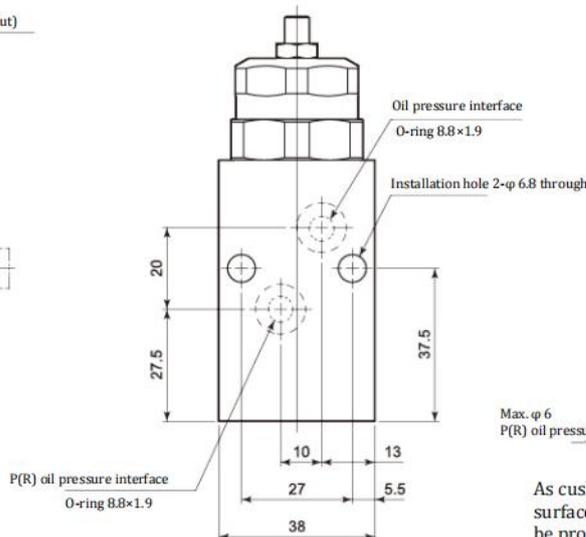
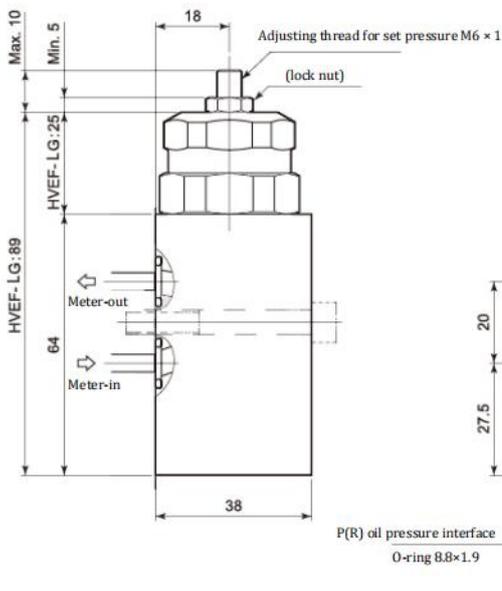
Specification

Model		HVEF-LG	HVEF-LT
Installation and piping method		Cushion type	Piping type
Operating oil pressure range	MPa		2-30
Allowable minimum differential pressure※	MPa		1
Set oil pressure range	MPa		1 ~ 6
Guaranteed withstand pressure	MPa		37.5
Starting pressure	MPa		0.01
Pressure change when the thread is adjusted every 1 circle	MPa/rev		1
Orifice area	mm ²		P→7.1
Operating ambient temperature	°C		0 ~ 70
Working fluid		Ordinary mineral oil-based hydraulic oil (equivalent to ISO-VG32)	
Mass	kg		0.97

- Please set the differential pressure between the used oil pressure and the set oil pressure above 1MPa. (for example, when the oil pressure used in HVEF-H is 15MPa, the oil pressure is set to 11 to 14MPa)

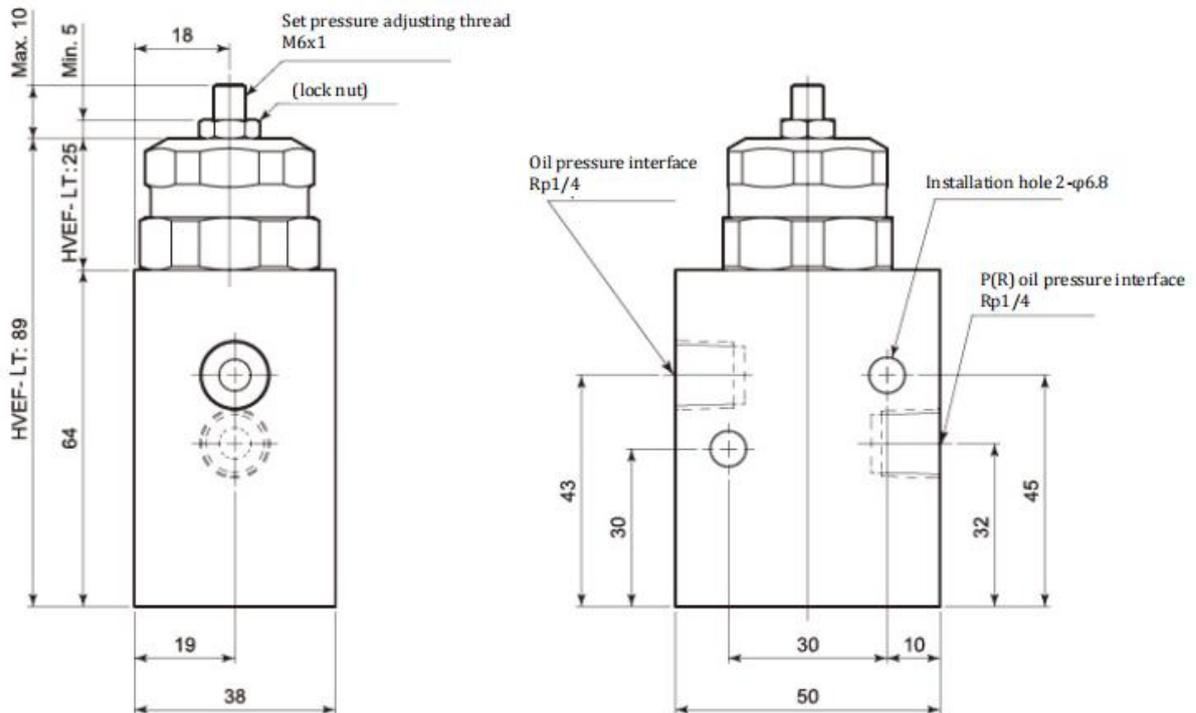
Overall Dimension

Installation Hole Processing Drawing



As cushion piping is adopted, the maximum surface roughness of the mounting surface should be processed below Ra1.6.

Overall Dimension



- When a large flow is used, the circuit oil pressure will rise instantaneously, and the sequence valve may be opened when the oil pressure is lower than the set value. Please set the flow control valve in the main circuit to regulate the flow.
- When the oil outlet throttle control circuit or the circuit with high piping resistance is used, the back pressure generated in the circuit may cause the sequence valve to fail to operate normally.
- Installation bolts are not attached.