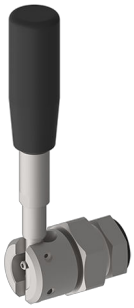
Valve accessory
Operating element

hand lever, mechanical operation
Type series: HHC-...



- All external parts with zinc-nickel plating according DIN EN ISO 19598 or stainless steel
- Available in lockable and non-lockable versions
- Use for standard valve cartridges of the W1... , W2... and W_22... series
- The hand lever can be rotated 360° and it can be replaced without opening the hydraulic circuit
- Sealable in unactuated position

Description

The hand lever of the type series HHC-... is a screw on lever, which can be used with various standard valve cartridges if required. When the lever is released, it automatically returns to the non-operated position. With the lockable version, the lever can be locked in the actuated position. The hand lever can be retro-fitted without opening of the hydraulic circuit. (refer to the section "Installation instructions")

Symbol

lockable

nicht arretierbar

Technical data

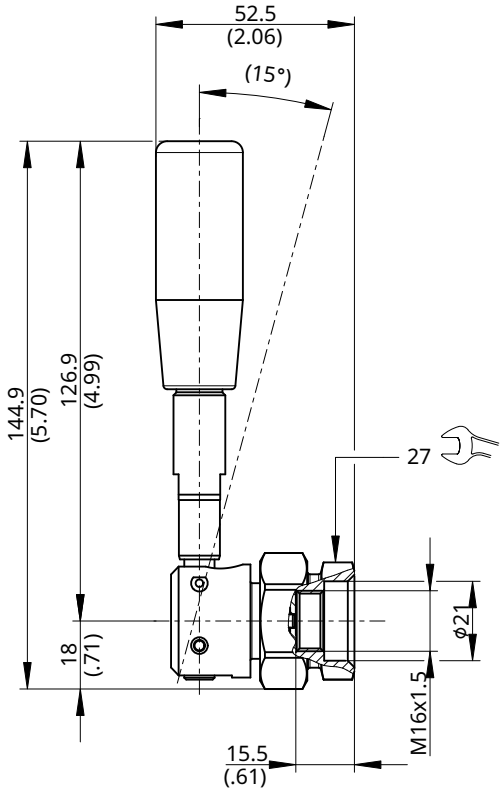
General characteristics	Description, value, unit
Function group	Valve accessory
Function	Operating element
Controls	mechanical operation
Characteristic	hand lever
Thread size	several, see chapter "Dimensions, Sectional View"
Mounting attitude	see Chapter "Installation instructions"
Weight	0,3 kg

General characteristics	Description, value, unit
Minimum ambient temperature	- 30 °C
Maximum ambient temperature	+ 50 °C
Surface protection	All external parts with zinc-nickel plating according DIN EN ISO 19598 or stainless steel

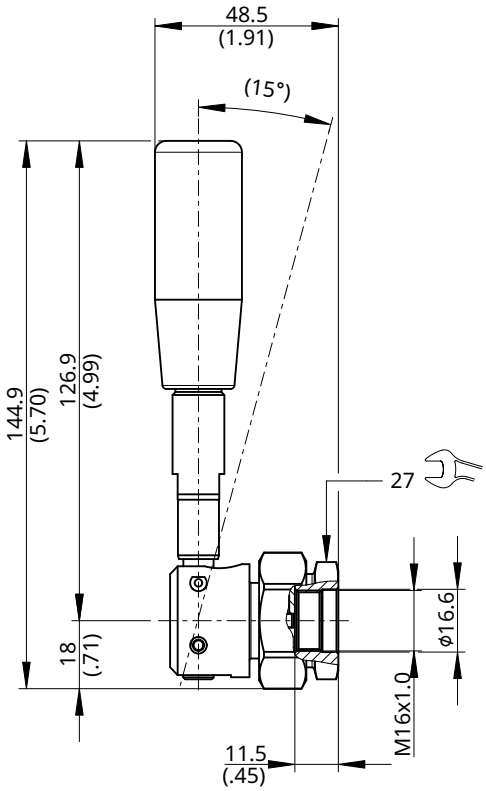
Dimensions and sectional view

Beispiel für die Masseinheit:
Exampel for the dimensional units:
0.79 = 0.79 mm millimeter
(.031) = 0.031" inch

Handhebel "HHC-...-M16x1.5" (W1... , W2...)
Hand lever "HHC-...-M16x1.5" (W1... , W2...)

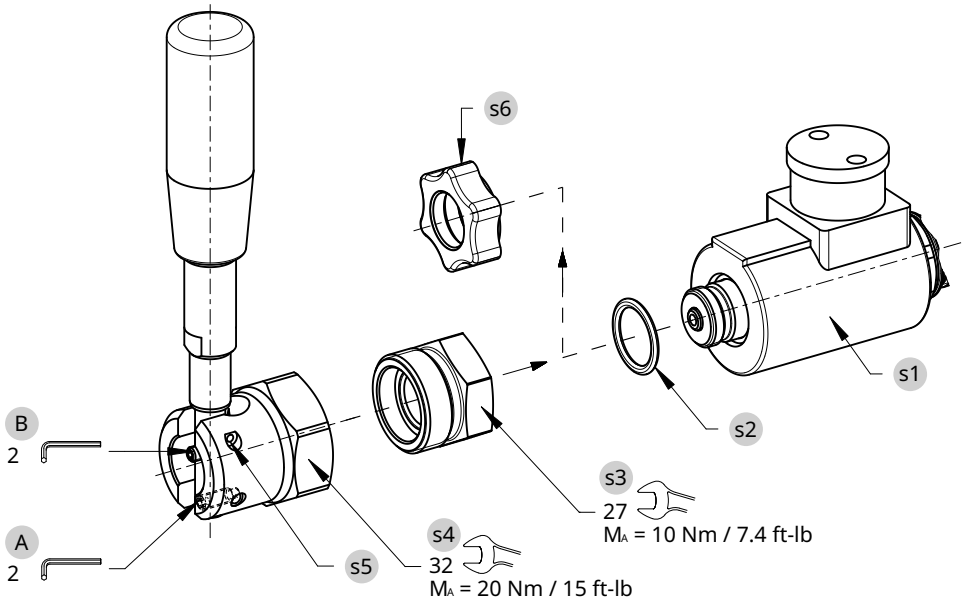


Handhebel "HHC-...-M16x1.0" (W_22...)
Hand lever "HHC-...-M16x1.0" (W_22...)



Installation instructions

1. Remove retaining nut. s6
2. Seal s2 and solenoid coil s1 must be fittet according to valve data sheet.
3. Unscrew nut s3 from the lever s4.
4. Mount the nut s3 on to the valve and tighten to the required torque.
5. Mount the lever, tighten nut s4 slightly.
6. Turn lever to the desired position. Tighten nut s4 to the required torque while holding the nut s3 with the wrench.
7. Use the adjusting screw A to align the lever 90° to the valve axis
8. Check that the adjusting screw B is not yet tightened as far as it will go.
9. Swivel the lever as far as it will go in the direction of the solenoid coil s1 and hold it in the actuated position.
10. Tighten the adjusting screw B as far as it will go and then turn it back by 1/3 of a turn.
11. Check valve and hand lever for function and correct switching behavior.



NOTE!
s5 = Hole (Ø2 mm / Ø0.079") for sealing by the customer. (Seal not included in the scope of delivery)

NOTE!
The adjusting screw A and B are self-locking. Frequent adjustment can reduce self-locking.

Ordering code

Ex. HH C - 1 - HN - M16X1.5 - 15.5 - 130

HH	= hand lever
A ... Q	= standard model according to valid data sheet
Z ... R	= special model (on request)
1 ... 9	= technical design no. (omit by ordering)
HN	= lever, non-lockable
HR	= lever, lockable
M16X1.5	= thread size, M16x1.5
M16X1.0	= thread size, M16x1.0
15.5	= mounting characteristic measure 15.5mm / 0.61“
11.5	= mounting characteristic measure 11.5mm / 0.45“
130	= lever characteristic measure 130mm / 5.12“

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