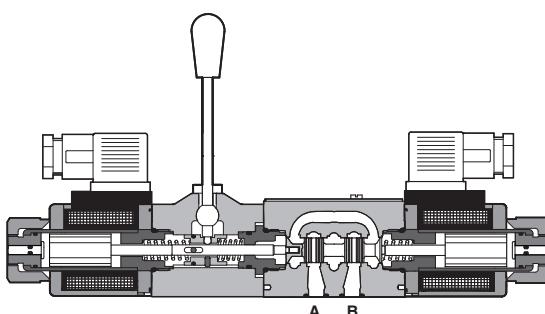


Auxiliary hand levers for solenoid valves

direct operated on-off and proportional, ISO 4401 size 06



DHE-0711/MV

Auxiliary hand levers for direct operated on-off and proportional valves size 06, type DHI, DHE, DHER, DHZO and QVHZO.

This option allows to operate the valves in absence of electrical power supply, i.e. during commissioning, maintenance or in case of emergency.

It is available with two different configurations depending to the installation requirements:

MV = lever positioned vertically (perpendicular to the valve axis)
MO = lever positioned horizontally (parallel to the valve axis)

When the valve is electrically operated the hand lever remains stopped in its rest position

The hand lever execution does not affect the performances of the original valves.

1 MODEL CODE FOR ON-OFF DIRECTIONAL VALVES (for the details, see tab. E010)

DHI - **0**

63

1/2

/

MV

- **X**

24 DC

/*

Directional control valves size 06
DHI-0 = for AC and DC supply, with cURus certified solenoids
DHE-0 = for AC and DC supply, high performances
DHER-0 = as DHE but with cURus certified solenoids
DHA-0 (1)

Valve configuration: **61 - 63 - 71**

Available spools: **0 - 0/2 - 1 - 1P - 1/2 - 1/2P - 3 - 3P - 4 - 7**

Options, hand lever configuration:

MO = horizontal hand lever (not for DHA)

MV = vertical hand lever

AMO = horizontal hand lever installed at the side of port B (not for DHA)

AMV = vertical hand lever installed at the side of port B

Seals material:
omit for NBR (mineral oil & water glycol)
PE = FPM

Series number

External supply voltage

00 = valve without coils

X = without connector

(1) For the DHA model code and available options, see tab. E120 (Atex) and E125 (UL)

/*

Seals material:
omit for NBR (mineral oil & water glycol)
PE = FPM

Series number

2 MODEL CODE FOR PROPORTIONAL DIRECTIONAL VALVES AND FLOW CONTROL VALVES (for the details, see tab. F160 and F410)

DHZO

- **A** - **0**

7

1 - S

5

/ **MV**

/ ******

/ *****

DHZO= directional control valve
QVHZO= flow control valves
DHZA= ex-proof directional control valve(1)

A = without position transducer (2)

Valve size

0 = ISO 4401 size 06 (for DHZO)

06 = ISO 4401 size 06 (for QVHZO)

Valve configuration (only DHZO)

Spool type (only DHZO)

Seals material:
omit for NBR (mineral oil & water glycol)
PE = FPM

Series number

Options, hand lever configuration:

MO = horizontal hand lever (not for DHZA)

MV = vertical hand lever

only for DHZ*

BMO = horizontal hand lever installed at the side of port A

BMV = vertical hand lever installed at the side of port A

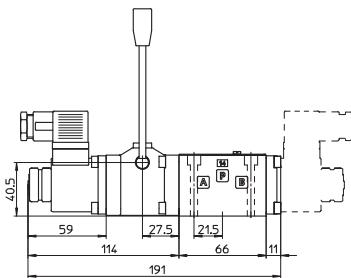
Spool size (for DHZO): **S3 - S5 - D3 - D5 - L3 - L5**

Max regulated flow (for QVHZO): **3-12-18-36-45 l/min**

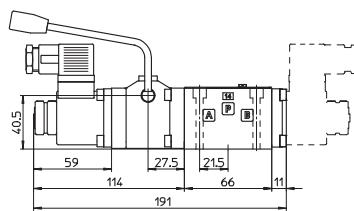
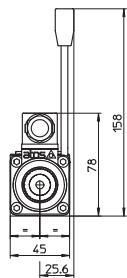
3 LEVER CHARACTERISTICS

Total angle stroke	[°deg]	± 28°	Lever actuating force	[N]	1 ÷ 8
Working angle stroke	[°deg]	± 15°	Lever device weight	[g]	880

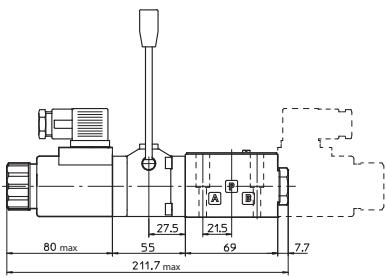
4 INSTALLATION DIMENSIONS [mm]



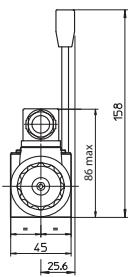
DHI-06*/MV
DHI-07*/MV (dotted line)



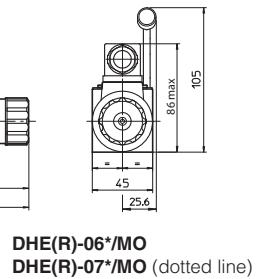
DHI-06*/MO
DHI-07*/MO (dotted line)



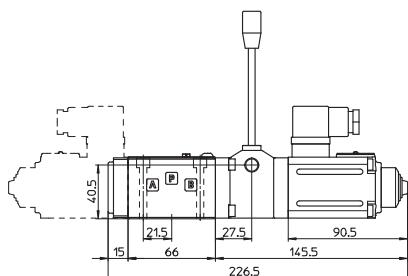
DHE(R)-06*/MV
DHE(R)-07*/MV (dotted line)



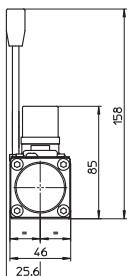
Mass: 2,7 kg (single solenoid)
Mass: 3,0 kg (double solenoid)



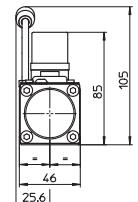
DHE(R)-06*/MO
DHE(R)-07*/MO (dotted line)



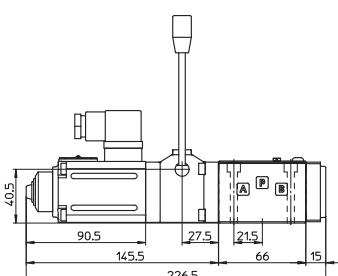
DHZO-A-05*/MV
DHZO-A-07*/MV (dotted line)



Mass: 2,8 kg (single solenoid)
Mass: 3,5 kg (double solenoid)

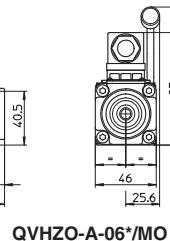
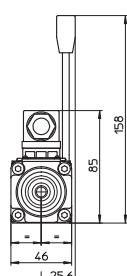


DHZO-A-05*/MO
DHZO-A-07*/MO (dotted line)

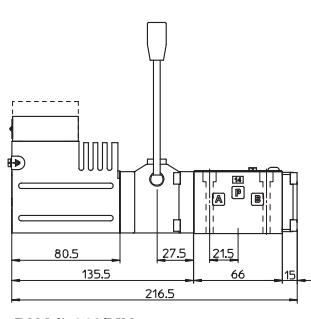


QVHZO-A-06*/MV

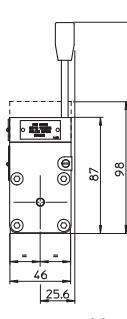
Mass: 3,2 kg



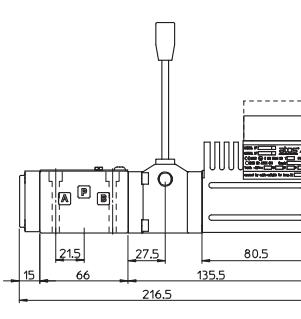
QVHZO-A-06*/MO



DHA/*-06*/MV
DHA/UL-*06*/MV (dotted line)



Mass: 3,4 kg



DHA/*-06*/MV
DHA/UL-*06*/MV (dotted line)