

2500

Mechanical joystick

This series of joystick, aluminium made, is available in a very high number of versions which can fulfil any designer's requirements

It can be equipped in combination with a great number of handles with a variety of switches and push buttons.

Thanks to its construction based on long axes which slide into the two chambers of its aluminium body, movements are very precise and without friction, even in case of very heavy loads.

The self centring springs return the lever's stick always to central position, as soon as the stick is released; this gives

the operator the feeling that everything is always under control and at the right place.

Joystick series 2500 can be fixed either on a wall or on a bracket and it is equipped with a red lock lever for an easy identification. The connection of the cable on the joystick is very easy and safe; this operation can be done also when the joystick is already fixed on the machine.



Joystick 2500 with straight
▲ lever and standard handle



Joystick 2500 with bent
▲ lever and standard handle



Joystick 2500 with
▲ multifunctional handle



Joystick 2500 with
▲ ergonomic handle

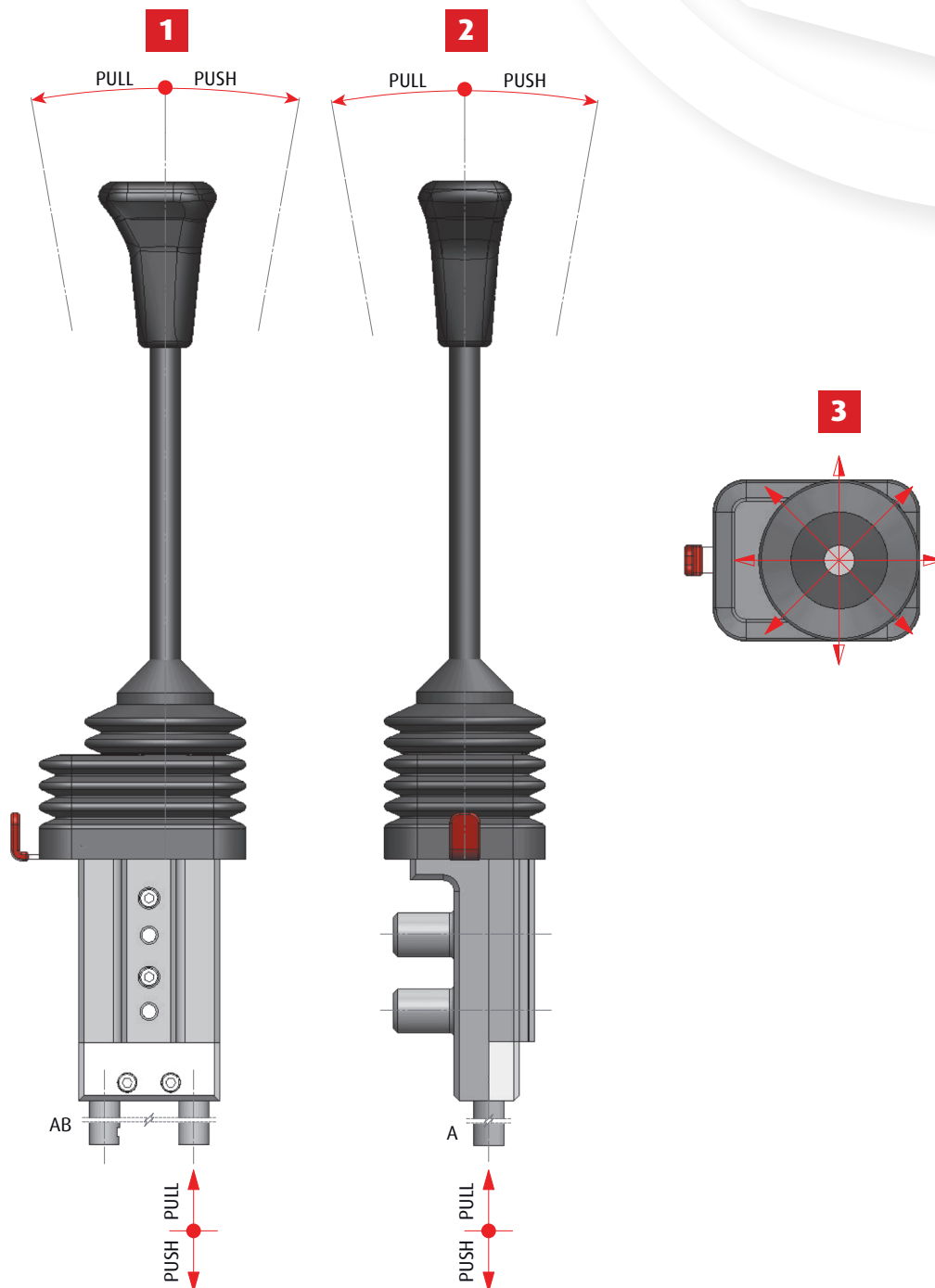


SPECIFICATION

- Stroke: ± 13 mm
- Working load: 400 N
- Lever ratio: depend on the stick length and type
- Automatic return to centre
- Locking lever at centre
- Colour: black

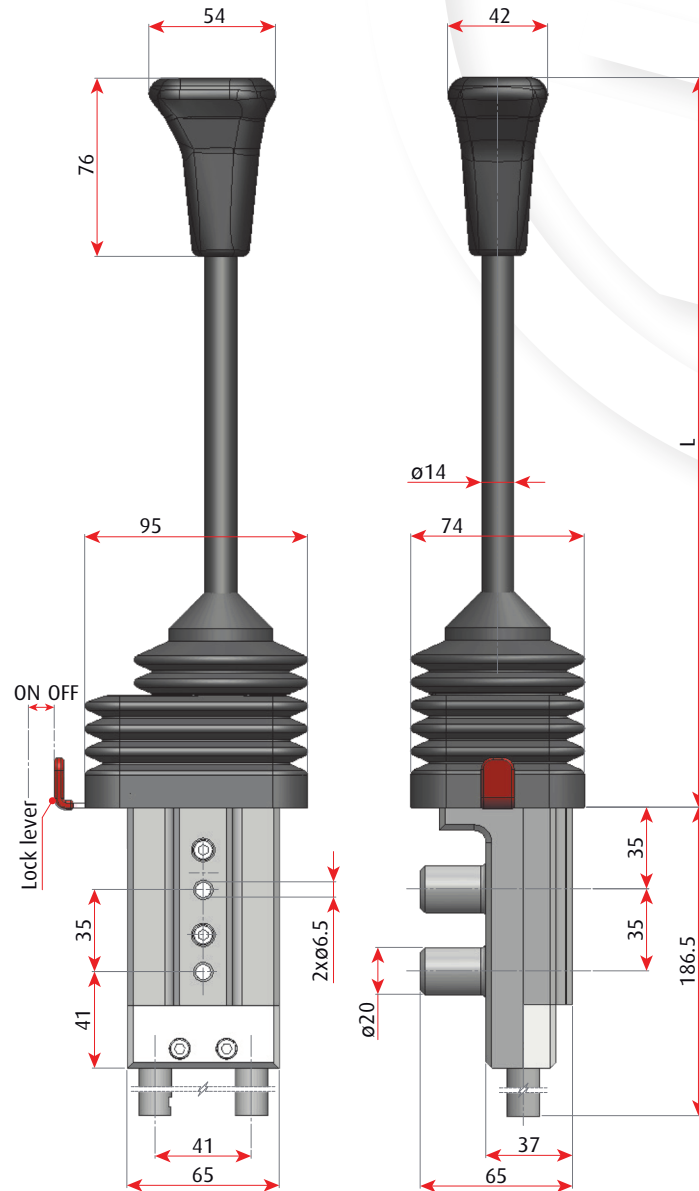
CORRELATION BETWEEN LEVER'S AND CABLE'S MOVEMENTS

Moving the lever, you operate the internal slides which move the cables and consequently the hydraulic distributor. With reference to the below picture n. 1, when you move the lever right, cable B pulls and when you move the lever left, cable B pushes. In picture n. 2, when you move lever left, cable A pulls and when you move lever right, cable A pushes. Picture 3 exemplifies the combined movements of the two cables when the lever is in intermediate positions.



JOYSTICK 2500 WITH STRAIGHT LEVER AND STANDARD HANDLE

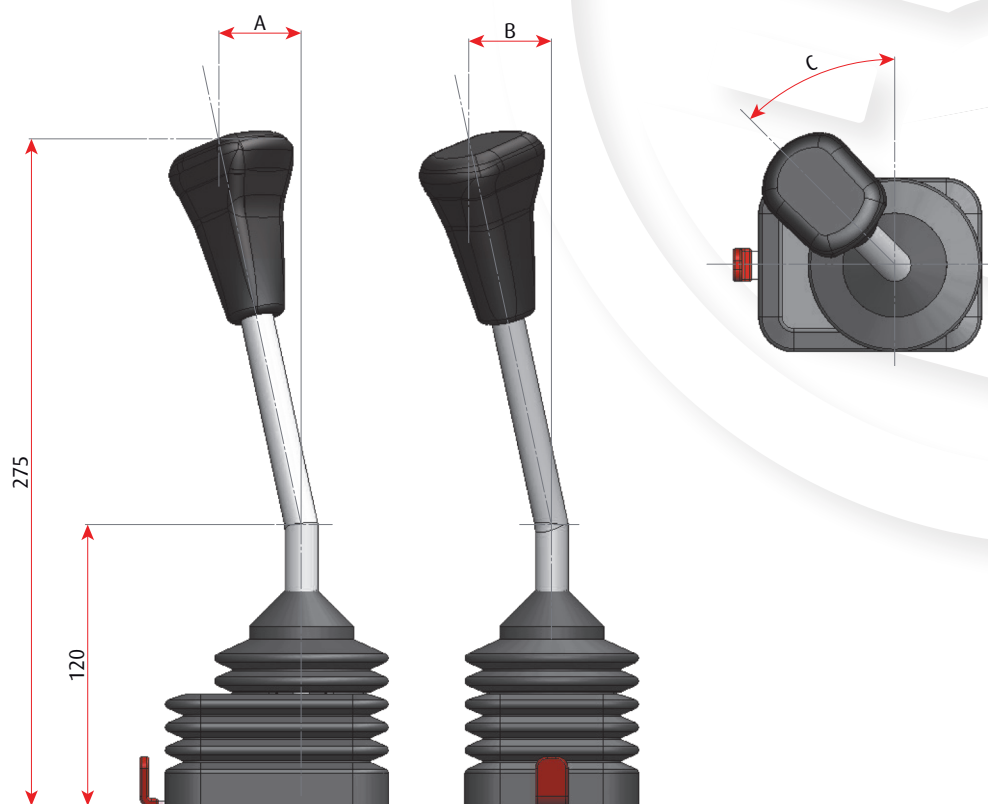
Lever length	Lever ratio	Code
275 mm	9.5:1	1036-8-01
330 mm	11.5:1	1036-8-02



JOYSTICK 2500 WITH BENT LEVER AND STANDARD HANDLE

It follows the dimensions of the standard lever. Upon customer's request, lever's length and bending angles can be modified.

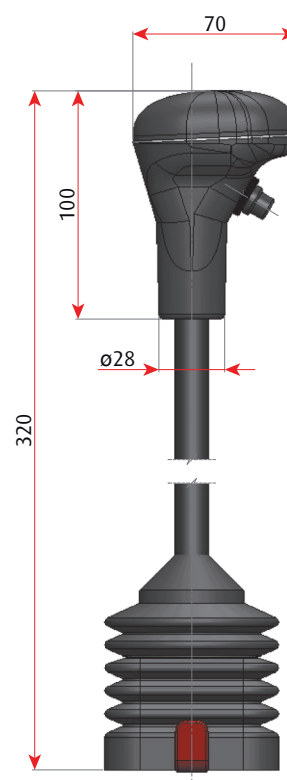
Lever length	Lever ratio	Length A	Length B	Angle C	Code
275 mm	9.5:1	47 mm	47 mm	45°	1036-8-03



JOYSTICK 2500 WITH ANATOMIC HANDLE WITH 1 SWITCH

Standard lever length is 320 mm but it can be customized to different lengths. It is also available in the bent version.

Lever length	Lever ratio
320 mm	11:1



JOYSTICK 2500 WITH MULTIFUNCTIONAL HANDLE

Standard lever length is 320 mm but it can be customized to different lengths. It is also available in the bent version. For detailed information on the possible configuration of the handle with its several switches, go to page 96 of "Industrial Products" catalogue.

Lever length	Lever ratio
320 mm	11:1



JOYSTICK 2500 WITH ERGONOMIC HANDLE AND A HIGH VARIETY OF SWITCHES

This joystick version has a big handle which reduces the operator's fatigue during long working period. It can be configured with up to 5 push buttons, placed mainly on the front but also on the back of the handle.

The prefix family code is: 1036-8-01-

In chapter 7 it will be given full information of the handle's versions with their suffix codes.

The combination of prefix and suffix determines the full joystick's code.

Lever length	Lever ratio	Code basic version *
280 mm	9.5:1	1036-8-01-

Note:

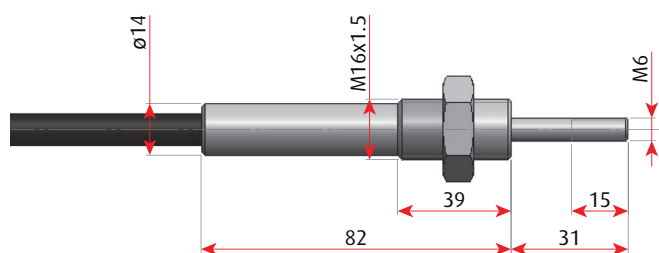
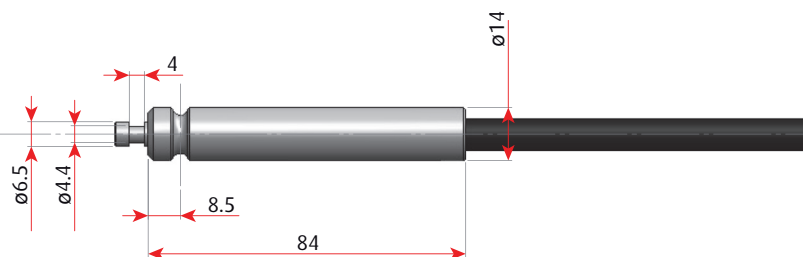
*** For all the versions available see pages 100 and 101 of "Industrial Products" catalogue.



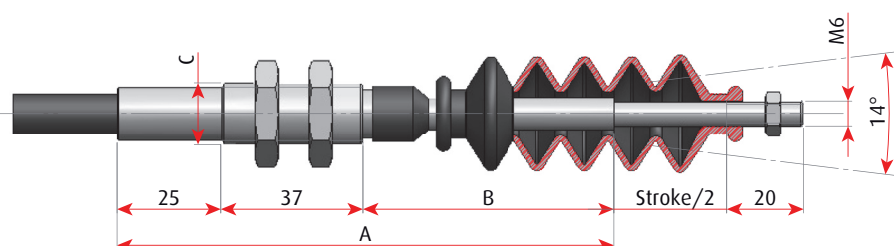
PUSH-PULL CABLES WHICH FIT WITH LEVER 2500

- The end fittings are represented with the cable at mid stroke position

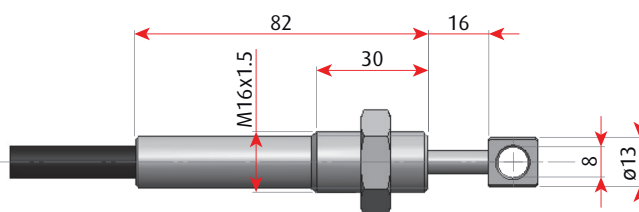
LEVER SIDE



▲ Cable type 07E, code 971630*mmmmm



A	B	Thread (C)	Code
140	65	M14x1	271630*mmmmm
		M16x1.5	271630-6*mmmmm



▲ Cable type 07E, code 0076200*mmmmm

HYDRAULIC DISTRIBUTOR SIDE

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