HIDRAUTRÔNICA
SISTEMAS HIDRÁULICOS

095-130-R03-EN

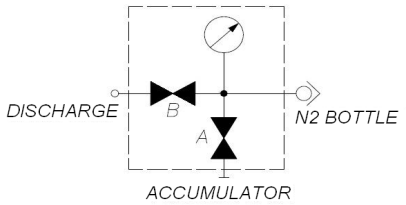
HBPC

PRECHARGE DEVICE

1 – GENERAL FEATURES

It is used for a periodic verification of the accumulator precharge and its filling after the bladder substitution or it is used to change the value of precharge. For the filling, a connection with a cylinder filled with industrial dry nitrogen is necessary, with a higher pressure than the necessary precharge value, supplied with a pressure reducer (required, for safety reasons, during the filling of accumulators with PS < 210 bar). Moreover, the use of a pressure reducer facilitates the slow and gradual entry of nitrogen in the bladder, avoiding the possibility of damage in the bladder itself.

2 – HYDRAULIC SYMBOL



3 – CONSTRUCTION FEATURES

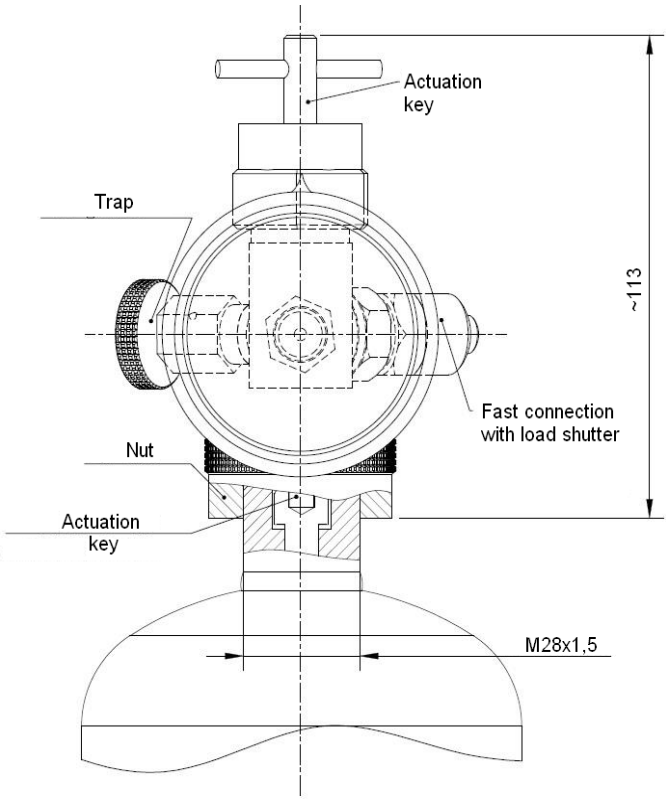
The standard version has:

- A small block to determine the pressure, with a nozzle for the connection with the accumulator gas valve, a manometer and a retention valve with fast connecion for a flexible tube.

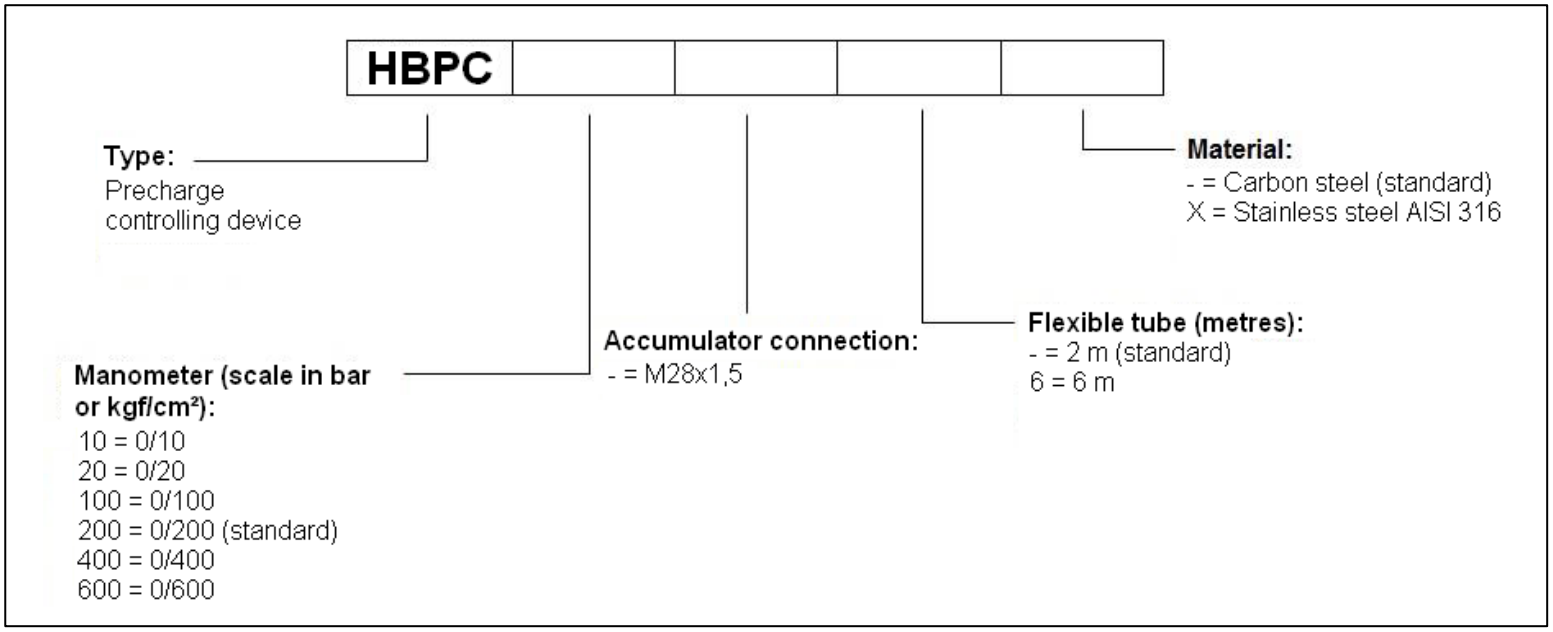
- A flexible tube, 3 metres long, with high pressure and connection for the nitrogen bottles.

- A repair kit.

- A case with all the previous components.



4 – IDENTIFICATION



5 – FEATURES

Maximum pressure	600 bar
Connection with the accumulator	M28x1,5
Connection with the nitrogen bottle	M24 – 14F male
Manometers	Ø63 connection 1/4" BSP 200 bar scale (standard)
Material	Carbon steel (standard) or stainless steel AISI 316
Weight	2 kg (complete)

6 – SPARE PARTS

Repair kit	H921697	**Flexible tube**	H921696/...meters
Retention valves	H921692	**Manometer**	H92163/...bar
Actuation key	H921698	**Complete discharge**	H921699

1 – HT reserves the right to change informations of this catalog without previous warning.
2 – Copy is forbidden.
3 – The manometer can be supplied on discretion of the manufacturer in bar or kgf/cm².
4 – If not indicated, dimensions in milimeters.