

Valves and fittings for marine service, Quick closing

Globe valves and accessories

Econ® impulse units for quick closing globe valves with hydraulic remote control. For hydraulic remote control, the Econ quick closing valve is equipped with a hydraulic cylinder which is activated by a special single piston impulse unit.

How it works

Operating principle: When the lever of the impulse unit is pulled downwards, the oil volume below the piston is pushed through the connecting tubing to the activating cylinder of the quick closing valve.

The volume of oil displaced under pressure will move the cylinder's piston-rod, which will release the blocking and close the valve. (Refer to introduction to the section on hydraulic transmission)

Material specification

Component	Material	EN and/or (DIN)	W.nr.
Body and cover	Aluminium	- (AlMgSi1)	3.2315
Base plate	Aluminium	AC-ALMg3(a) (G-ALMg3)	3.3541
Cylinder	Brass	(CuZn39Pb2)	2.0380
Piston	Stainless steel	X8CrNiS18-9 (X12CrNiS18 8)	1.4305
Lever	Aluminium	AC-ALMg3(a) (G-ALMg3)	3.3541
Cylinder bottom	Stainless steel	X8CrNiS18-9 (X12CrNiS18 8)	1.4305
Seal ring	NBR		
Seal ring	Steel		
O-ring	NBR		
Filler / bleed cap	Brass	(CuZn39Pb2)	2.0380
Sight glass	PMMA (Perspex)		

Recommended oil types

BP	HLP HM32
Chevron	Mechanism LPS-32
Esso	Nuto-H32
Mobil	DTE 24 or DTE light
Shell	Tellus 32
Elf	Hydrelf DS-32
Texaco	Rando HD32

Dimensions

Length	Width	Depth	Weight
[mm]			[kg]
420	80	115	2.5

Ordering information

Ordering code	Model
106	1-piece

ECONOSTO®



ECON®

Impulse unit single piston

• fig. 106

- Aluminium
- Wall mounting
- Connection 1/8"
- Top quality

