

SIL Declaration of Conformity acc. to IEC 61508 / IEC 61511

Description of the equipment:

ECON 3-pce. Premium ball valves

Fig.no.	Size range	Size range Fire-Safe* (FS)	Material / Connection
7422 (FS)*	¼" - 4"	¼" - 2½"	Carbon steel / BSP threaded
7442 (FS)*	¼" - 4"	¼" - 2½"	Stainless steel / BSP threaded
7522 (FS)*	¼" - 4"	¼" - 2½"	Carbon steel / NPT threaded
7542 (FS)*	¼" - 4"	¼" - 2½"	Stainless steel / NPT threaded
7622 (FS)*	¼" - 4"	¼" - 2½"	Carbon steel / Butt weld
7642 (FS)*	¼" - 4"	¼" - 2½"	Stainless steel / Butt weld
7722 (FS)*	¼" - 4"	¼" - 2½"	Carbon steel / Socket weld
7742 (FS)*	¼" - 4"	¼" - 2½"	Stainless steel / Socket weld

Certificate nos.: EC – 0420, EC – 0430*

Calculated SIL: 2

PFDavg	3,504E-03
SIL (PFDavg)	2
RRF	285,39
MTTF (year)	71
SFF	50%

Remarks:

Should these valves be combined with an actuator, the applicable SIL level will need to be re-calculated based on the specific combination.

The above mentioned SIL level is based on a test interval of the valve of 12 months.



ERIKS Flow Control

Rob Verwijs
Quality & Product Development Manager