

Position Paper Machinery Directive 2006/42/EC „Safety Components“

Parker Hannifin GmbH confirms, that our safety components comply with the machinery directive 2006/42/EC, as long as they are used as intended. The EC Declaration of conformity includes possible conformity to other directives as well.

Safety components are:

Pressure relief valves according to directive 97/23/EC

Type R4V*V , R4V*W
Type R6V*V, R6V*W
Type DSDU 1078 E*E TÜV

Intended usage:

Pilot operated pressure relief valves to limit a maximum pressure, pre-adjusted unchangeable to this maximum pressure.

The intended usage is provided as long as the valves are integrated into the system as follows:

- P-port connected directly to the point where the pressure should be limited
- T-port connected directly to tank without any backpressure

Size of the valve and the pipes have to be matched to the maximum possible flow and pressure.

Clamping valves according to EN 201:2010

Direct operated directional control valves NG06	Type D1VW*-SC, D1DW*-SC;
Direct operated directional control valves NG10	Type D3W*-SC, D3DW*-SC
Pilot operated directional control valves NG10	Type D31DW*-SC
Pilot operated directional control valves NG16	Type D41VW*-SC
Pilot operated directional control valves NG25	Type D81VW*-SC, D91VW*-SC

Intended usage:

For hydraulically operated clamping units of injection molding machines according to the manufacturer's declaration of incorporation.

Press controls according to DIN EN ISO 16092

Press control NG10	Type PPCC10*-SC
Press control NG16	Type PPCC16*-SC
Press control NG25	Type PPCC25*-SC
Press control NG32	Type PPCC32*-SC

Intended usage:

To be incorporated into hydraulic presses according to DIN EN ISO 16092-3.

Declaration of conformity is valid from 29.12.2009 for all new above listed products. For earlier delivered products conformity is not possible to declare.

The declaration of product conformity does not include a declaration of conformity for the machinery in which our product is incorporated. The conformity for the machinery only can be declared by the person who places the machinery on the market inside the EU for the first time.

If the listed components are incorporated in already used machinery (placed on the market before 1995) and if they do not change the function of this machinery significantly, the machinery must not be put into operation until the conformity of the machinery to national regulations, especially safety regulations, is declared.

If the function of the machinery is changed significantly, conformity to the machinery directive 2006/42/EC has to be declared.

A declaration of conformity according to machinery directive 2006/42/EC for other Parker products has to be proved depending on the special application.