

# rotork® Fluid Systems

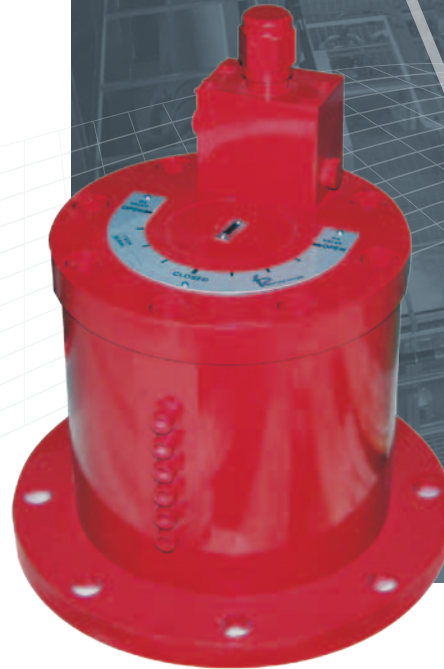
## Simple Dampening Solution for Swing Check Valves

The DH range of quarter-turn hydraulic vane dampers are engineered to provide a simple, reliable solution to inherent problems often seen in swing check valve applications: namely down line surges from rapid disc reseating and excessive valve wear due to the disc flutter produced at some flow rates.

The rugged design features a self-contained hydraulic system that incorporates an easily adjusted valve for simple yet precise throttling control in both directions.

This closed loop hydraulic circuit protects the valve from potential valve contamination from atmosphere that is possible with some dampening solutions. Direct coupling facilitates installation.

Available in four sizes, the DH range handles up to 9,800 Nm (86,700 lbf-in) of torque to accommodate a wide range of dampening requirements. For applications with requirements in excess of 9,800 Nm, consult Rotork Fluid Systems for a custom engineered solution.



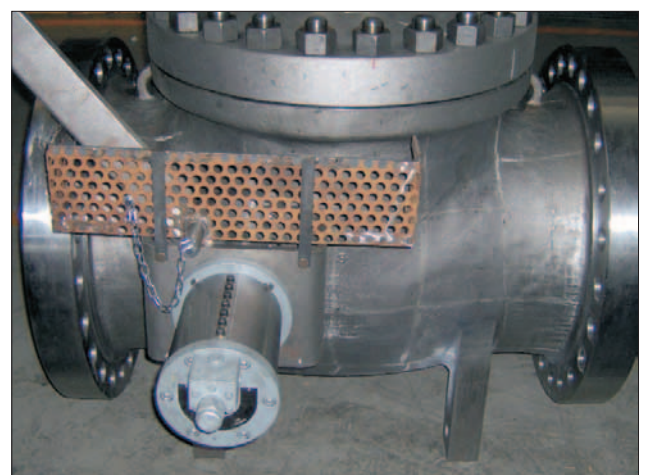
## DH Range Hydraulic Vane Dampers

### Features:

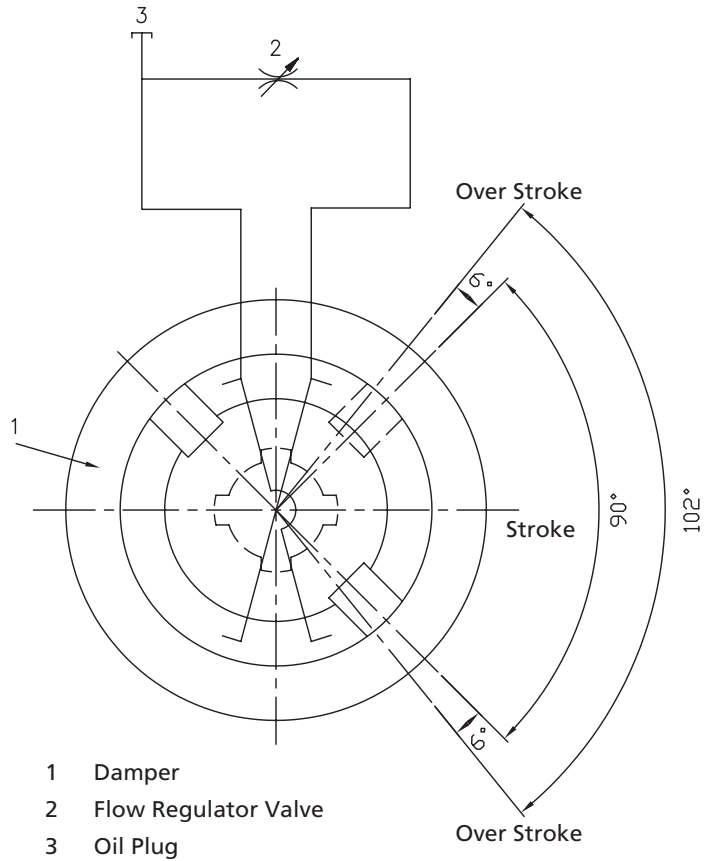
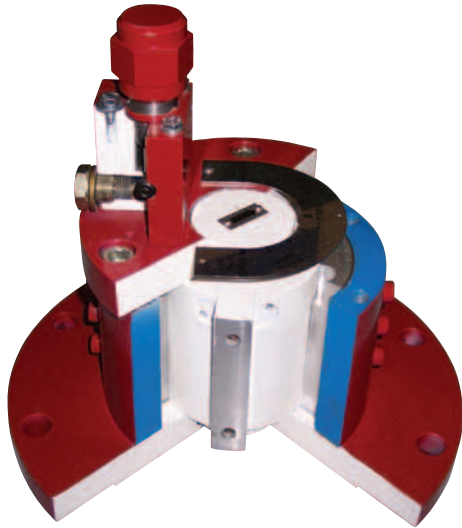
- ATEX certified.
- Environmental protection: IP 6X.
- Temperature class: T5 (-20 to 100 °C)\*.
- Visual position indication.

DH DAMPER BODY SIZE	MAXIMUM TORQUE
DH100	100 kgf-m
DH200	200 kgf-m
DH500	500 kgf-m
DH1000	1,000 kgf-m

\* Lower temperature limits can be achieved through the use of alternative materials. Contact Rotork Fluid Systems.



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