DIRECTIVES & CERTIFICATES

KNIFE GATE VALVES

COMPLIANCE AND CERTIFICATION

INTRODUCTION

VAYCOM supplies valves according to the service information provided by the customer. The customer is responsible for ensuring that this information accurately reflects the specific requirements and operating conditions of the installation.

The standard application is industrial liquid service. For other applications, contact VAYCOM to assess the applicable marking requirements and availability.

EUROPEAN DIRECTIVES

2006/42/EC - MACHINERY

For automated knife gate valves with pneumatic, hydraulic or electric actuators.

2014/34/EU - ATEX Ex

Availability is subject to the valve configuration and the specific application requirements. Contact VAYCOM to establish the applicable certification and supply conditions. The availability ranges are shown on the following page.

ACS - SANITARY CONFORMITY

KS stainless steel valve: DN50 to DN600.

KSBP polymer valve: DN50 to DN150.

Contact VAYCOM for further information on the certified configuration and the corresponding documentation.

MANAGEMENT SYSTEM CERTIFICATION

ISO 9001:2015

VAYCOM ENGINEERING

DIRECTIVES & CERTIFICATES

KNIFE GATE VALVES

ATEX AVAILABILITY

ATEX 0/20

VALVE / EQUIPMENT	SIZES
KS / KS LUG	DN50-DN600
KSHP	DN80-DN250 (DN300-DN600 on request)
KM	DN50 - DN600
KTL	DN50 - DN600
KSB	DN50-DN300 (DN350-DN600 on request)
KQ	150x150-600x600 mm

ATEX 1/21

VALVE / EQUIPMENT	SIZES
KS / KS LUG	DN50-DN600
KSHP	DN80-DN250 (DN300-DN600 on request)
KM	DN50 - DN600
KTL	DN50 - DN600
KSB	DN50-DN300 (DN350-DN600 on request)
KQ	150x150-600x600 mm
DAMPER DB	DN300 - DN1200
DAMPER DI	DN300 - DN1200
PW17	200x200-1200x1200 mm
Pneumatic cylinders	Ø100 - Ø300 mm

ATEX 2/22 - SELF-CERTIFICATION

Same availability as for ATEX 1/21.

APPLICATION CONSIDERATIONS

For automated valves, the conformity assessment must cover both the valve and the valve-actuator assembly. For manually operated or free-shaft valves, the application assessment must consider electrical continuity and the installation and maintenance requirements for the specified ATEX zone.

Confirm the configuration and documentation with VAYCOM before ordering.