

Square Knife Gate Valve KQ

Product description

VAYCOM KQ series square and rectangular knife gate valves are usually used for unloading silos and tanks to discharge of solids or powders. The KQ series knife gate valve is of mechanically-welded manufactured.

It is a flanged type of knife gate valve and its design can be adapted to the needs of a particular application (square or rectangular) according to the installation.

General applications

Knife gate valves suitable for solids, recommended for gravity discharge applications of fluids heavily loaded with solids. Emptying of aggregate and granulate hoppers.

Water Treatment

Silo discharge

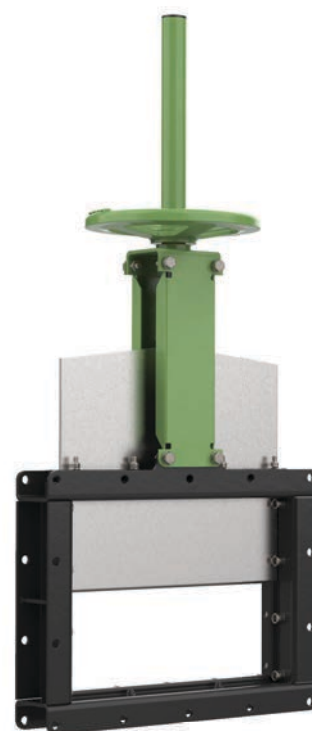


fig. 1

Standard design

EN1092 PN10 / DIN PN10
ASME B16.5 (class 150) / ASNI150
(Others available).

Materials

Body: S275JR/ AISI304L/ AISI316L;
Slide: AISI304L/AISI316L;
Gasket: SYNT+PTFE, Graphite, O-ring

Sizes

From 300×300 to 600×600
Others upon request

Pressure

Up to 1 bar / Other requirements available upon request.

Actuators

Handwheel, lever, gear box, chain handwheel, pneumatic, hydraulic and electric actuators.

Seat

Metal / Metal, EPDM, Viton, Silicone

Accessories and options

Deflector cone, reinforced socket, scraper, V-shaped or 5-sided passage, flushing holes, emergency handwheel, limit switches, proximity switches, solenoid valves, filters, emergency systems, junction boxes, extension stems, ...