

RC – SQUARE ROUND KNIFE GATE VALVE

The square round Wafer knife gate is a heavy duty valve design for handling difficult applications. This valve is suitable for use in recycling applications, like rubbish or sand traps of pulpers, high consistency cleaners... or as silo outlet with solid material.

The two piece body with round inlet and square outlet (larger than the inlet) assures non-jamming.

Main characteristics:

- Cast two-part bolted body, internally machined and with reinforcing ribs in larger diameters for extra body strength.
- The internal replaceable gate guides allow for smoother gate traveling.
- Oversized knife polished on both sides
- Long-life packing with several impregnated Synt+PTFE strips
- Suitable to work with the most severe applications

** Valves manufactured following European Pressure Equipment Directive PED 2014/68/EU.*

FLANGES

Standard

- DIN PN10
- ANSI 125/150

(Only for round flange).

** Other Flanges, please check availability*

SEAT

- Metal/metal
- Watertight

PRESSURES & SIZES

- DN200 (8") 10bar
- DN600 (24") 4bar

** Higher pressure conditions on request*

** Other sizes on request*

MATERIALS

BODY

GG25, GGG40, GGG50, A216 WCB, CF8 (AISI304), CF8M (AISI316), 254SMO, SS310, AISI904

SEAT, SEALING RINGS

EPDM, NITRILE (NBR), SILICON, VITON, GRAPHITE, FLUCAST, TEFLON (PTFE)

KNIFE

AISI304L, AISI316L, AISI316TI, 310S, AISI904L, 254SMO, HARDOX,

PACKING

SYNT+PTFE, Pure PTFE, GRAPHITE, CERAMIC

O'RING

EPDM, NBR, SILICON, VITON

ACTUATORS

Manual, pneumatic, hydraulic, electric, gear box, handlever, square end, chain-wheel, pneumatic with security handwheel

ACCESSORIES

Limit switches,, proximity sensors, solenoid valves, positioner 4/20mA, sleeves, locking devices, extension, regulation v-ports, bonnet...etc.

SECTORES

Wastewater treatment plants, bulk handling, Pulp & Paper, mining.

