

DUAL SLIDE GATE VALVE



DUAL's Slide Gate Valve is built with a steel body and features a heavy duty steel blade, ideal for handling flow in bulk material handling system. The outlet port opening is larger than the inlet, therefore ensuring that the material does not stop the gate from closing.

FEATURES

- Protective blade cover.
- Large outlet port to eliminate material build up.
- When open, the knife-gate is fully withdrawn from the flow.
- No metal parts in contact with the flowing material.
- Dust tight seal.
- No clogged bonnet to impede flow.
- Valve type: square / rectangular.
- Easily adapted to suit most actuators.
- Low maintenance requirements.
- Metal to metal seating.
- Self-cleaning slide guides.
- Air purge ports.
- No gland to maintain.
- Lifting Lugs.
- Light weight for easier handling.
- No seat cavity where solids can collect and prevent full gate closure.
- Suitable for dry service.
- Self-cleaning blade.
- Pneumatic or handwheel options.

PRODUCT SPECIFICATION

BODY FRAME: Fabricated Carbon Steel, 304 SS or Aluminium.

WIPER: Urethane.

SEATS: Metal to metal.

SPINDLE: 304 Stainless Steel.

GATE GUIDES: Metal, Urethane, PTFE or Nylon.

PACKING: Braided rope in Graphite or Standard Rubber Steel or Stainless Steel.

GATE MATERIAL: 316L, 317L, 17-4PH, Alloy 20, SAF 2205 with optional wear coatings.

FLANGED COVER: Pattern available (square or round) Clear Polycarbonate.

TEMPERATURE RATING: 200°C.

STANDARD FEATURES - VALVE BODY

- Protective bellows.
- Heavy duty tower frame with limit or proximity switch brackets.
- Cover plate to protect blade.
- Open/closed lockout brackets standard, ready for optional factory supplied lockout pins.
- Adaptable from (yoke) design can be field modified to take air cylinder, pneumatic or hydraulic actuators.
- Stem cover.

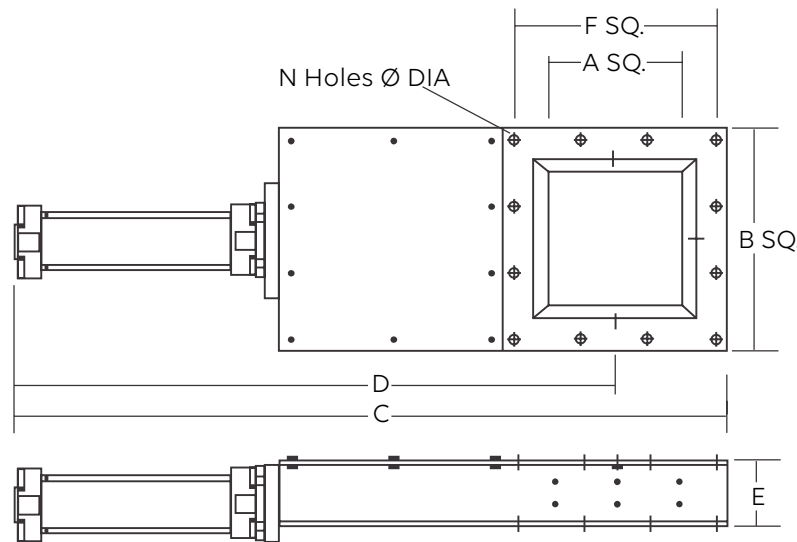


ACTUATORS

All types of actuators can be fitted, electric, gearbox, hydraulic, pneumatic or handwheel.

ACCESSORIES

- Bulk material handling of all types.
- Boiler ash.
- Dry powder.
- Limestone powder.
- Pulverised coal.



DIMENSIONS AND WEIGHTS

VALVE SIZE (mm)	A	B	C	HW D	BG E	AC F	HYC N	H	DIA	VALVE WEIGHT (kg)
150	165	250	815	690	100	2 x 105 = 210	8	125	10	40
200	215	300	970	825	100	3 x 90 = 270	12	175	12	50
250	270	355	1125	950	100	3 x 105 = 315	12	230	12	60
300	320	405	1280	1080	100	3 x 125 = 375	12	280	14	70
350	355	440	1440	1220	100	3 x 135 = 405	12	320	14	90
400	400	510	1615	1360	110	3 x 155 = 465	12	365	14	120
500	500	610	1910	1610	110	3 x 155 = 568	12	465	14	140

Contact Dual for larger sizes. Dimensions and weights are for guidance only - detailed dimension drawings available on request. All dimensions are in millimeters, unless stated.



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