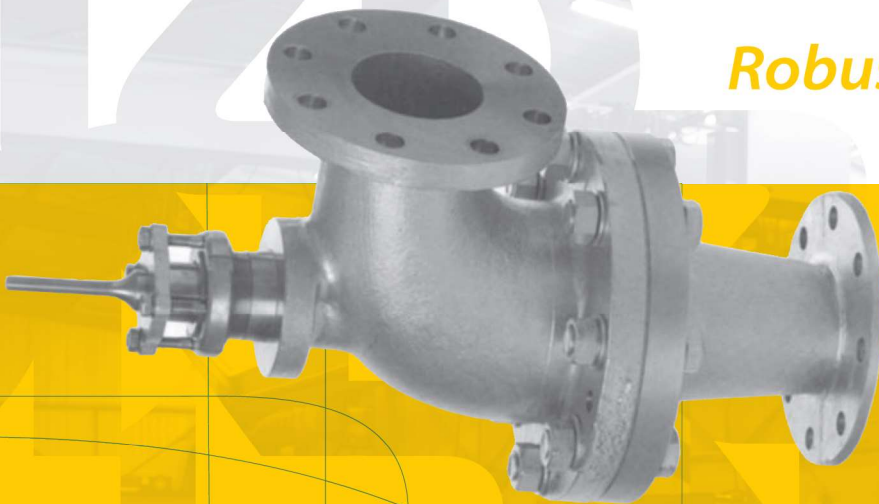


# SLURRY CONTROL VALVE

*Robust and proven*



*Developed in co-operation with engineers from a large mining house, the Nicro Slurry Control Valve was created to handle slurries at temperatures of up to 230°C and velocities of more than 50m/s at the valve outlet.*

SS

*Manufactured in any grade of stainless steel, depending on the application. These valves were used extensively in a pressure leach plant in America. The needle and choke designed specifically to satisfy the the particular process parameters, are made from silicon carbide and thus able to handle the abrasive nature of the product*

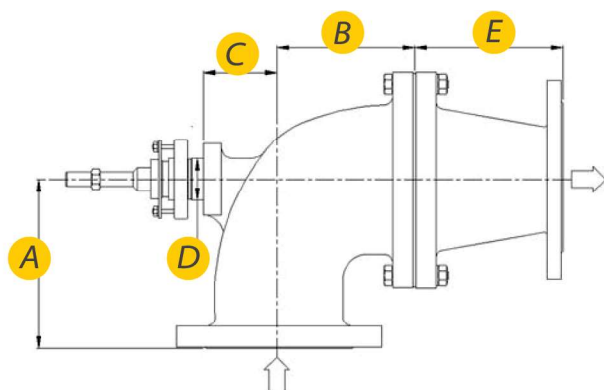
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*Design, Mechanical Engineering & Development Specialists*

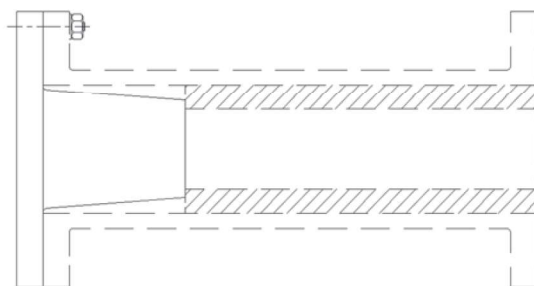
# SLURRY CONTROL VALVE

Robust and proven

Flanged outlet version



Flash tube / vessel version



## Advantages, Features & Applications

### Advantages

- The valves operate with most standard actuators
- The valves will operate successfully at slurry velocities of more than 50m/s at the valve outlet, at temperatures of up to 230°C and in extremely corrosive media
- The valve design incorporates the inexpensive replacement of low cost silicon carbide wear parts
- Easy to maintain and strip when components need to be replaced
- Ideal in an environment where the flow of abrasive slurries need to be controlled

### Applications

- Mill discharge level control
- Pressure leach autoclave let-down
- Belt filter level control
- Drum filter level control
- Backfill metering

### Material

- Can be supplied in materials as requested by client specifications

## Major Dimensions

Valve Size	Class	Flange	DIM A	DIM B	DIM C	DIM D	DIM E	Thread
80-3"	10 Bar	80NB	123	105	55	50	135	to suit actuators
80-3"	300	80NB	160	143	55	50	130	to suit actuators
100-4"	300	100NB	200	180	185	71,5	207	to suit actuators
150-6"	300	150NB	246	213	110	71,5	229	to suit actuators

Other sizes and pressure ratings can be supplied on request

### Note:

When ordering spares, specify the part number.  
Item numbers are illustration reference only.  
Nicro has a policy of continual research and development, and reserves the right to change data without notice.  
Manufactured in South Africa.

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