

*Ragon Industries (Pty) Ltd*

INDUSTRIAL VALVE SPECIALISTS



RAGPORT - V-Port



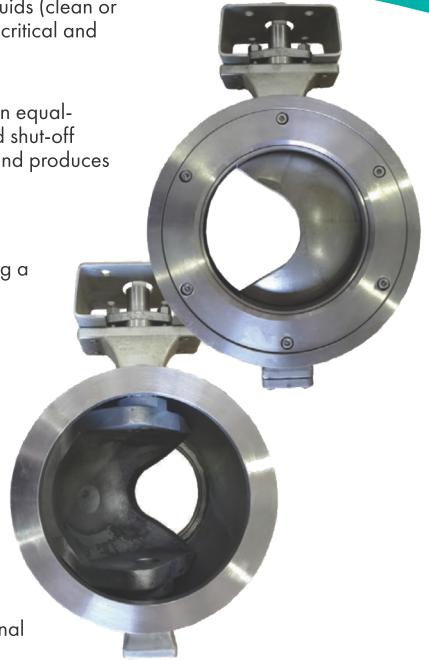
# RAGPORT - V-Port

V-Port is used when precision cannot be sacrificed because corrosive liquids (clean or dirty) or gasses going through the piping system need to be sustained to critical and controlled specifications.

The difference lies in the contoured V-notch in the ball, which produces an equal-percentage flow characteristic. They have good rangeability, control and shut-off capability. The segment remains in contact with the seal during rotation and produces a shearing effect as the segment closes to minimize clogging.

## Features & Benefits:

- The V-segment provides straight through, non-glogging flow, allowing a large amount of heterogeneous fluid.
- V-Port allows rate changes and controls fluids with a rangeability in excess of 250:1.
- Nearly equal percent flow characteristic.
- Rotary-valve design provides shearing action between the V-notch segment and the seat, promoting a smooth, non-clogging operation.
- Spring supported seat.
- Class V shut-off.
- Unibody design reduces stress.
- Minimum body cavity reduces build-up.
- Integral mounting pad.
- Positive position indication.
- Low torque requirements backlash-free movement results in exceptional control performance.
- The seat is designed in such a way that its sealing surface is not located directly in the flow stream. This gives the seat an extended life.
- Seat is located inside the valve which prevents forces from the pipe system influencing the sealing effect.
- Working principle is a pressure-aided seat which enables good sealing properties at a low pressure difference.



## 100 % Corresponds to 95° Turning Angle

Size (mm)	Size (Inch)	CV at 100% open
25	1	38
40	1 1/2	94
50	2	152
65	2 1/2	262
80	3	358
100	4	540
150	6	1424
200	8	2176
250	10	3532
300	12	5732
350	14	8245
400	16	10651
450	18	12878
500	20	16343

Size (mm)	Size (Inch)	F / F (mm)	Height (mm)	Weight (kg)
25	1	50	154	1.3
40	1 1/2	60	170	2.4
50	2	75	183	3.7
65	2 1/2	100	213	5.3
80	3	100	241	6.2
100	4	115	268	9.6
150	6	160	340	24
200	8	200	401	42
250	10	240	477	68
300	12	338 FL	568	145
350	14	400 FL	667	162
400	16	400 FL	739	196
450	18	520 FL	854	265
500	20	600 FL	988	430



## CALL US NOW!

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