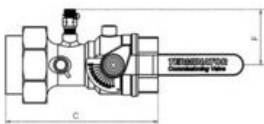
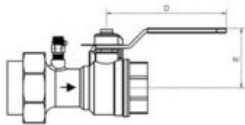


PRODUCT DATASHEET

Terminator commissioning valve. Includes double regulating function and flow measurement via interchangeable venturi's. Includes union connection on inlet.



DIMENSIONS



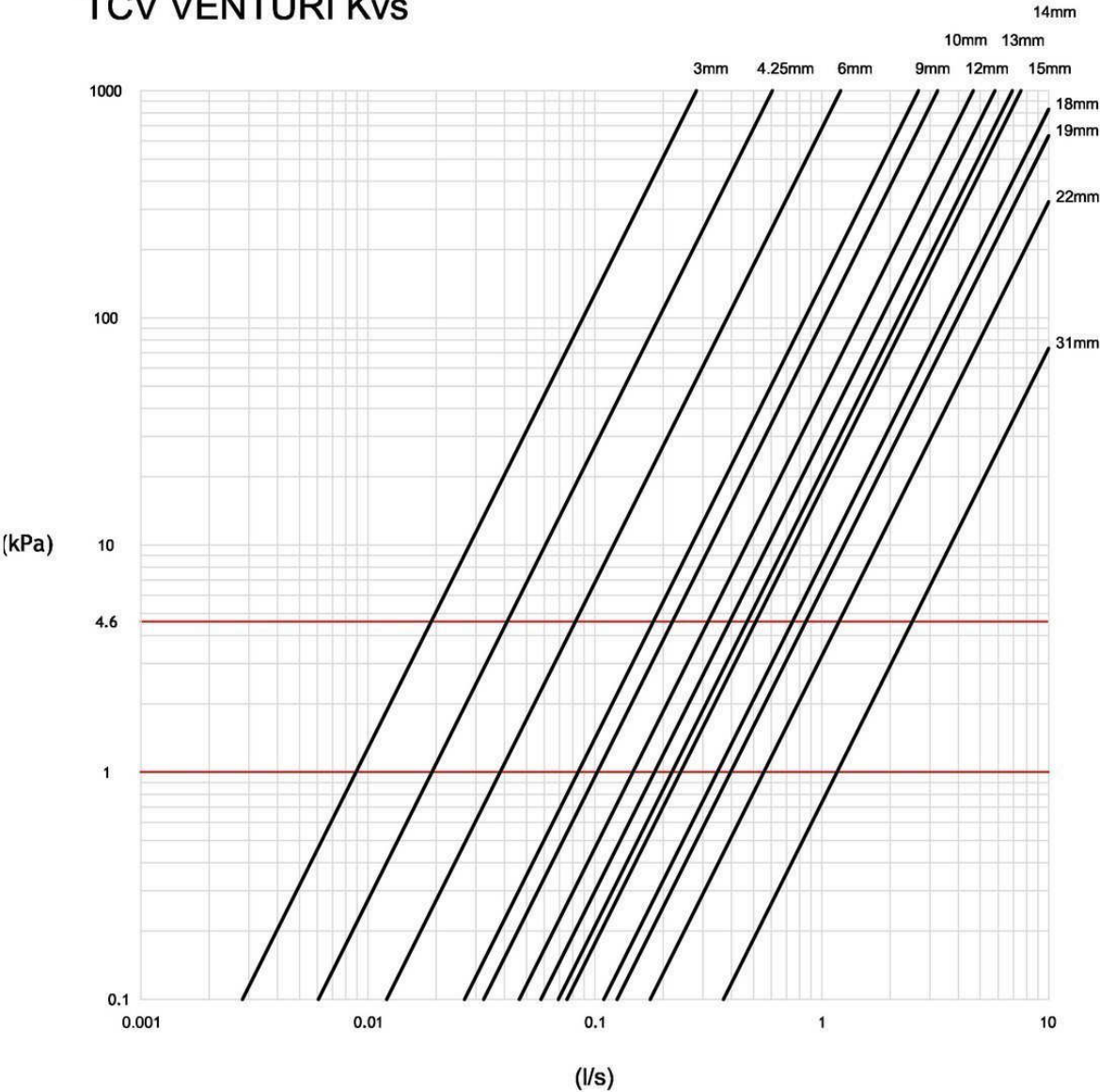
| Part No' | Size | A | B | C | D | E | F | G | H | Weight | PN | MIN °C | MAX °C |
|------------|--------|---|---|-----|-----|----|----|---|---|--------|----|--------|--------|
| TCV9004.09 | 1/2" | | | 105 | 75 | 52 | 52 | | | 0.60 | 25 | -10.00 | 120.00 |
| TCV9004.12 | 1/2" | | | 105 | 75 | 52 | 52 | | | 0.60 | 25 | -10.00 | 120.00 |
| TCV9006.09 | 3/4" | | | 106 | 75 | 52 | 52 | | | 0.60 | 25 | -10.00 | 120.00 |
| TCV9006.12 | 3/4" | | | 106 | 75 | 75 | 52 | | | 0.60 | 25 | -10.00 | 120.00 |
| TCV9008.10 | 1" | | | 125 | 95 | 55 | 55 | | | 1.00 | 25 | -10.00 | 120.00 |
| TCV9008.14 | 1" | | | 125 | 95 | 55 | 55 | | | 1.00 | 25 | -10.00 | 120.00 |
| TCV9010.13 | 1 1/4" | | | 145 | 120 | 59 | 59 | | | 1.40 | 25 | -10.00 | 120.00 |
| TCV9010.19 | 1 1/4" | | | 145 | 120 | 60 | 60 | | | 1.40 | 25 | -10.00 | 120.00 |
| TCV9012.15 | 1 1/2" | | | 164 | 120 | 60 | 60 | | | 2.00 | 25 | -10.00 | 120.00 |
| TCV9012.22 | 1 1/2" | | | 164 | 120 | 60 | 60 | | | 2.00 | 25 | -10.00 | 120.00 |
| TCV9016.18 | 2" | | | 191 | 150 | 66 | 66 | | | 3.00 | 25 | -10.00 | 120.00 |
| TCV9016.31 | 2" | | | 191 | 150 | 66 | 66 | | | 3.00 | 25 | -10.00 | 120.00 |

MATERIAL

| Component | Material |
|-----------|----------------------|
| Ball | BRASS Cw617N (CZ122) |
| Body | BRASS Cw617N (CZ122) |
| Lever | PRESSED STEEL |
| Nut | BRASS Cw617N (CZ122) |
| O-Ring | VITON |
| Union | BRASS Cw617N (CZ122) |
| Venturi | BRASS Cw614N (CZ121) |

FLOW CHARACTERISTICS

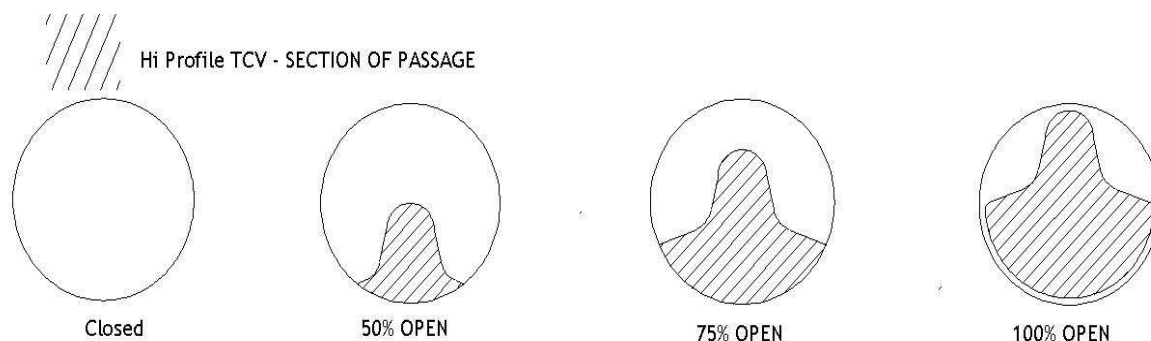
TCV VENTURI Kvs



| Part No' | Kv | Kvs | KV @ 30% |
|------------|-------|-------|----------|
| TCV9004.09 | 5.70 | 3.04 | 0.50 |
| TCV9004.12 | 11.20 | 5.30 | 0.76 |
| TCV9006.09 | 5.70 | 3.04 | 0.50 |
| TCV9006.12 | 11.20 | 5.30 | 0.76 |
| TCV9008.10 | 5.60 | 3.69 | 1.18 |
| TCV9008.14 | 16.10 | 7.88 | 1.00 |
| TCV9010.13 | 13.00 | 6.60 | 2.00 |
| TCV9010.19 | 28.00 | 14.30 | 2.20 |
| TCV9012.15 | 18.00 | 8.60 | 2.30 |
| TCV9012.22 | 50.00 | 20.00 | 2.40 |
| TCV9016.18 | 27.00 | 12.50 | 3.80 |
| TCV9016.31 | 75.00 | 42.00 | 5.40 |

FITTING NOTES/INSTRUCTIONS

- 1) Ensure O-ring is properly seated in groove when assembling union connection.
- 2) To operate double regulating function loosen memory stop with a 3/16" Allen key, when correct valve position has been selected rotate memory stop until it sits against the stop on the body. Tighten the memory stop.



SPECIFICATION TEXT

Where commissioning stations are marked DN15 - DN50 a Terminator Commissioning Valve should be installed. To include double regulating ball valve with memory stop, flow measurement is by means of interchangeable venturi. Each line size should have at least two diameters of venturi available to accommodate various flow rates.

As supplied by Marflow Hydraulics Ltd
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