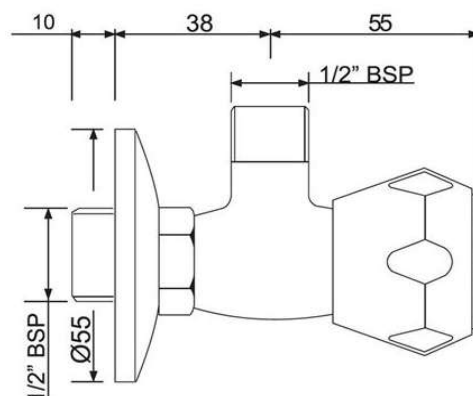




|                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Code</b>                                                                                                                                                                                                                                                                                                             | AQT-CHR-3053                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Description</b>                                                                                                                                                                                                                                                                                                              | Angle Valve with Wall Flange                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Flow Rate</b>                                                                                                                                                                                                                                                                                                                | 21.40 LPM @ 3 bar                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Recommended Water Pressure</b>                                                                                                                                                                                                                                                                                               | 0.5 Bar - 5 Bar                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Material Composition Specification in Percentage</b>                                                                                                                                                                                                                                                                         | <p><b>Brass Ingots as per IS:1264-1997</b><br/>Cu (58.0-63.0), Sn (0.0-1.0), Pb (0.5-2.5), Ni (0.0-1.0), Al (0.2-0.8), Mn (0.0-0.5), Total Impurity (0.0-2.0), Zn (Remainder)</p> <p><b>Brass Rod as per IS:319-1989</b><br/>Cu (56.0-59.0), Pb (2.0-3.5), Fe (0.0-0.35), Total Impurity (0.0-0.7), Zn (Remainder)</p> <p><b>Brass Sheets as per IS:410-1977</b><br/>Cu (61.5-64.5), Pb (0.0-0.3), Fe (0.0-0.075), Total Impurity (0.0-0.6), Zn (Remainder)</p> <p><b>ABS</b> - Specific Gravity (g/cm<sup>2</sup>) - (1.06-1.10), Melt Mass Flow Rate (g/10 min.) - (20-26), Rockwell Hardness - (95-115), DTUL @ 66 psi (0.45 MPa) (OC) - (78-102)</p> |
| <b>Cartridge Specification</b>                                                                                                                                                                                                                                                                                                  | <p>Fittings : Components have WRAS Approved for food grade conformity with Brass Housing and Spindle</p> <p>Life Cycle EN 200: 200,000 cycles (Standard)</p> <p>- 5.0 LAC Cycles as per EN 200*</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Water Tightness</b>                                                                                                                                                                                                                                                                                                          | 16 bar (Pass)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Pressure Resistance</b>                                                                                                                                                                                                                                                                                                      | 25 bar (Pass)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Finish</b>                                                                                                                                                                                                                                                                                                                   | <p>Plating: Nickel-10.0 micron Chromium-0.3 micron</p> <p>Salt Spray (500 hrs + Validated)</p> <p>Adhesion (Pass)</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Available Colour Finishing</b>                                                                                                                                                                                                                                                                                               | CHROME (CHR)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| * As per in-house testing done on automatic life cycle testing machine made by Giussain, Italy                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| DISCLAIMER: Our every effort has been made to ensure factual accuracy, the information presented subject to changes due to requirements in different sites, markets and/ or countries. 10% variation in flow rate may be possible. Jaquar reserves the right to make the necessary amendments at any time without prior notice. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |