CHECK VALVE

Pilot-To-Open (with external pilot port, sealed pilot, and stem seal)

Ordering Code: CO-2A-X-Y-Z (2 1 External Pilot Port 28.57 Hex. (1-1/8 inch) Drain Pilot 35 **TECHNICAL DATA** Vent (3) Max. Operating pressure: 350 bar Locating Shoulder Rated flow: 120 I/min 1.0"-14UNS-2A 35.12 (Ref.) 2A-3 Cavity-Tooling: Installation torque: 60 - 70 Valve (2) Nm Weight: 0.25 kg Note: Load (1)The structure of the valve is with proportional pressure reducing characteristic, hence, the pressure of port (1) is approximate 75% of pressure of port (2). For example: when port (2) is 200 bar, port (1) is approximate 150 bar. **UNIT:mm** Х **OPERATION** Typical Pressure Drop 30 (2) to (1) (Free Flow) 25 3F Sealed Pilot Pistion 20 P=bar Pilot Ratio 3:1 15 Note: 10 Port $(\overline{3})$ is drain port, please connect to tank. 5 •Full Pilot Ő 30 60 90 120 Flow-Q(I/min) Ζ **SPRINGS OPTION (External Ports)** Υ Cracking pressure G02 G 1/4" 20 2.0 bar 50 5.0 bar 70 7.0 bar