

RELIEF VALVE (Fast-Acting, Ventable, Pilot Operated, Balanced Poppet) RV-19A-X-Y-Z-85 Ordering Code: Control Option: Maximum extension 4.0 Hex. from locating shoulder. 3/8"-24UNF-2A (Z=L Control shown) 14.27 Hex. (9/16 inch) Torque 9-10 Nm Apply CH (5JAA097) --(3) Plastic tamper (2) \bigcirc resistant cover Ø40~ L=100 41.2 Hex. K=107 (1-5/8 inch) -**TECHNICAL DATA** Max. Operating pressure: 350 bar Rated flow: 480 I/min Vent(3)Locating 19A-3 (19AB-3) Cavity-Tooling: Shoulder Installation torque: 465-500 Nm M48x2.0 (Ref.) Weight: 1.42 (**Z**=L) kg 63.69 Out(2) $\ln(1)$ **UNIT:mm** Х **OPERATION** Typical Pressure Rise 3G **Balanced** Poppet 380 Pressure-AP(bar) 320 • Response Time-Typical (2 ms) 240 Maximum Leakage Approximately (0.7 cc/min./70 bar) 180 · Dirt tolerant 120 · If the pressure drop of relief valve is high, it 60 easily occurs cavitation which cause noise and manifold erosion. In order to improve 0 120 240 360 454 this situation, please select balanced poppet structure. Flow-Q(I/min) Ζ **OPTIONS SPRINGS** Υ ADJUSTMENT RANGES Leakproof hex. L 7-210 bar (70 bar Standard Setting) socket screw. Α В 3.5-105 bar (70 bar Standard Setting) Handknob with 10.5-420 bar (70 bar Standard Setting) С Κ Lock Knob. (Order Code: 6ZAK001) Ν 4-55 bar (28 bar Standard Setting) Stainless Steel Q 4-28 bar (14 bar Standard Setting) С Tamper Resistant Cover. W 10.5-315 bar (70 bar Standard Setting)