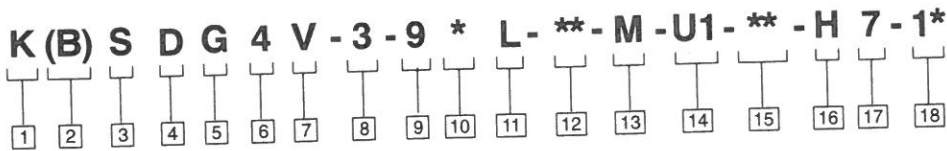



Model Codes



- | | | |
|---|--|--|
| <p>[1] Valve type
K – Proportional valve</p> | <p>[9] Spool type (center condition)
9 – Zero lap (biased underlap)</p> | <p>[15] Electrical connection (KBS valves only)
PC7 – 7 pin connector without plug
PE7 – 7 pin electrical plug with mating half
PH7 – As PE7 but with pin “C” used for enable signal
PR7 – As PC7 but with pin “C” used for enable signal</p> |
| <p>[2] Integral amplifier
B – Integral amplifier “B” series
Omit for models without integrated amplifiers.</p> | <p>[10] Spool type, spring offset condition
2 – Ports P, A, & T blocked
6 – Port P blocked, A & B to tank</p> | <p>[16] Coil rating
H – 24 VDC amplifier supply</p> |
| <p>[3] Feedback arrangement
S – Closed-loop</p> | <p>[11] Valve build
L – Standard build</p> | <p>[17] Port T pressure limit code
7 – for all spools</p> |
| <p>[4] Control type
D - Directional valve</p> | <p>[12] Rated flow at 70 bar (1000 psi) loop Δp pressure drop
05 – 5 L/min (1.3 USgpm)
12 – 12 L/min (3.2 USgpm)
24 – 24 L/min (6.3 USgpm)
40 – 40 L/min (10.6 USgpm)</p> <p>For actual maximum flow refer to Power capacity envelope curves, page B.95.</p> | <p>[18] Design number
1* series. Subject to change</p> |
| <p>[5] Mounting
G – Subplate mounted</p> | <p>[13] LVDT plug
(omit for valves with integral amplifier)
M – Standard LVDT (mating plug supplied)</p> | <p>Warning
 Valves with integral amplifiers are supplied with or without the metal 7-pin plug. The Vickers plug, part no. 934939, must be correctly fitted to ensure that the EMC rating and IP67 rating are achieved. The plug retaining nut must be tightened with a torque of 2-2,0 Nm (1.5-2.5 lbf ft) to effect a proper seal.</p> |
| <p>[6] Operation
4 – Solenoid operated</p> | <p>[14] Solenoid connector
(omit for valves with integral amplifier)
U1 – ISO 4400/DIN 43650, non-integral amplifier type only (mating plugs supplied)</p> | |
| <p>[7] Pressure rating
V – >250 bar (3625 psi) on ports P,A, & B</p> | | |
| <p>[8] Interface
3 – ISO 4401, size 03-02-0-94 ANSI/B93.7M-D03</p> | | |