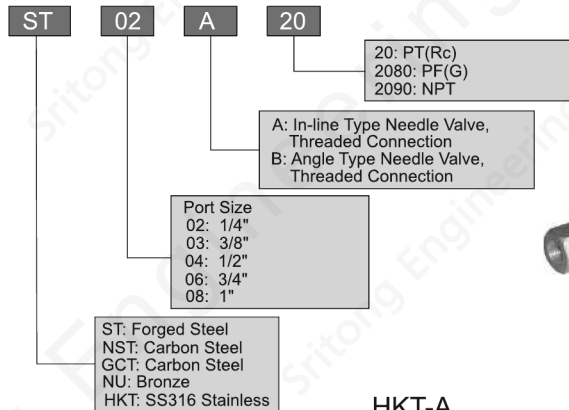


DIMENSIONS

MILLIMETERS(INCHES)

HKT/GCT/ST/NST Series-Needle Valves

■ Ordering Code



Max. working pressure 414 bar

5 size from 1/4", 3/8", 1/2", 3/4" and 1"

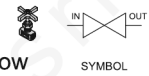
Needle valves control flow or shut-off flow

Locking screw provides positioning stability

HIGH PRESSURE NEEDLE VALVES

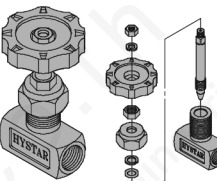
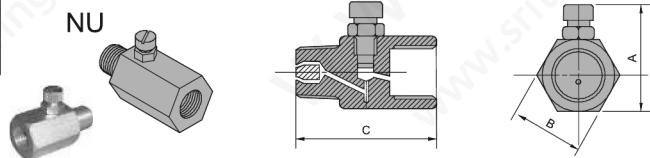
HKT Series All stainless SS316 414 bar (6000 psi)

Max working temp: 200°C (392°F)



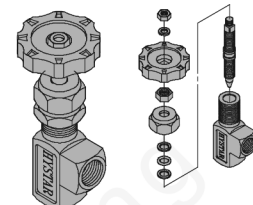
SYMBOL

NU

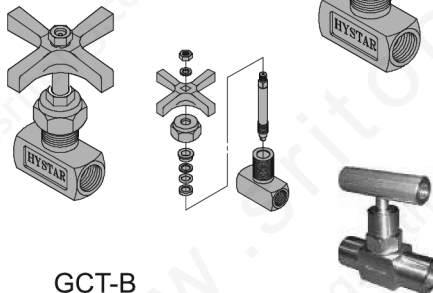


ST-A

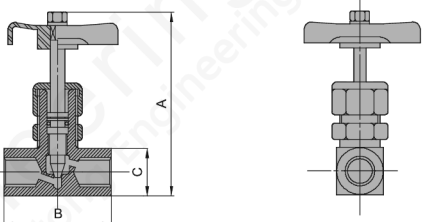
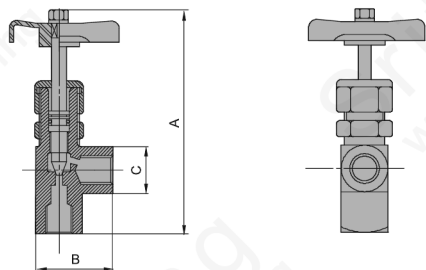
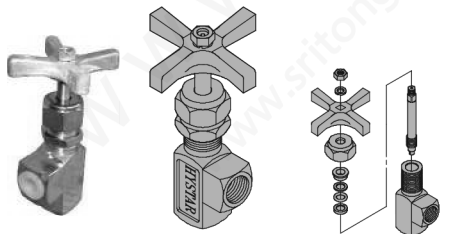
ST-B



GCT-A



GCT-B



■ Ratings

| Series             | PT (Rc) | Flow lpm | Max Pressure bar | Weight kg(lb) | A Fully Open mm (in) | B mm (in) | C mm (in) |
|--------------------|---------|----------|------------------|---------------|----------------------|-----------|-----------|
| ST02-A             | 1/4"    | 2        | 210              | .3 (.66)      | 97 (3.81)            | 49 (1.92) | 25 (.98)  |
| ST03-A             | 3/8"    | 21       | 210              | .3 (.66)      | 97 (3.81)            | 49 (1.92) | 25 (.98)  |
| ST04-A             | 1/2"    | 30       | 210              | .64 (1.42)    | 125 (4.92)           | 64 (2.51) | 32 (1.25) |
| ST02-B             | 1/4"    | 2        | 210              | .34 (.75)     | 111 (4.37)           | 42 (1.65) | 24 (.94)  |
| ST03-B             | 3/8"    | 21       | 210              | .34 (.75)     | 111 (4.37)           | 42 (1.65) | 24 (.94)  |
| NST02-A            | 1/4"    | 2        | 250              | .28 (.62)     | 97 (3.81)            | 51 (2.00) | 22 (.86)  |
| NST03-A            | 3/8"    | 21       | 250              | .28 (.62)     | 97 (3.81)            | 51 (2.00) | 22 (.86)  |
| NST02-B            | 1/4"    | 2        | 250              | .32 (.71)     | 122 (4.80)           | 37 (1.45) | 22 (.86)  |
| NST03-B            | 3/8"    | 21       | 250              | .32 (.71)     | 122 (4.80)           | 37 (1.45) | 22 (.86)  |
| GCT02-A<br>HKT02-A | 1/4"    | 2        | 350<br>420       | .28 (.62)     | 97 (3.81)            | 51 (2.00) | 22 (.86)  |
| GCT03-A<br>HKT03-A | 3/8"    | 21       | 350<br>420       | .28 (.62)     | 97 (3.81)            | 51 (2.00) | 22 (.86)  |
| GCT04-A<br>HKT04-A | 1/2"    | 30       | 350<br>420       | .7 (1.55)     | 108 (4.25)           | 65 (2.55) | 32 (1.25) |
| GCT06-A<br>HKT06-A | 3/4"    | 100      | 350<br>420       | 1.10 (2.44)   | 128 (5.03)           | 80 (3.14) | 38 (1.49) |
| GCT08-A<br>HKT08-A | 1"      | 300      | 350<br>420       | 2.3 (5.10)    | 141 (5.55)           | 95 (3.74) | 51 (2.00) |
| GCT02-B            | 1/4"    | 2        | 350              | .32 (.71)     | 122 (4.80)           | 37 (1.45) | 22 (.86)  |
| GCT03-B            | 3/8"    | 21       | 350              | .32 (.71)     | 122 (4.80)           | 37 (1.45) | 22 (.86)  |
| NU-02-A            | 1/4"    | 0.5      | 210              | .11 (.24)     | 45 (1.77)            | 32 (1.25) | 21 (.82)  |
| NU-03-A            | 3/8"    | 1        | 210              | .16 (.35)     | 45 (1.77)            | 30 (1.18) | 23 (.90)  |
| NU-04-A            | 1/2"    | 2        | 210              | .2 (.44)      | 50 (1.96)            | 35 (1.37) | 27 (1.06) |