



### APPLICATION

Suitable for fluid light oil, diesel, crude palm oil & etc.  
 (Refer to corrosion resistance table for valve materials selection).

### SPECIFICATION

|                    |                                                                                                                                                                        |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Size Range         | 1/2" to 8"                                                                                                                                                             |
| Body Material      | Cast iron, Cast steel, Stainless steel                                                                                                                                 |
| Pressure Rating    | Cast Iron (PN10, PN16, ANSI 150#, JIS 10K)<br>Cast Steel (PN16, PN40, ANSI 150# and 300#, JIS 10K and 20K)<br>Stainless Steel 304/316 (PN10, PN16, ANSI 150#, JIS 10K) |
| Temperature Rating | Max 100°C (180°C on request)                                                                                                                                           |
| Viscosity          | Up to 5000 Cp (cP = mPa.s)                                                                                                                                             |
| Connection         | PN10, PN16, PN40, ANSI 150 and 300, JIS 10K and 20K                                                                                                                    |

### PRODUCT FEATURE

| Body Material            | Cast Iron                                       |            | Cast Steel |            |            | Stainless Steel |     |
|--------------------------|-------------------------------------------------|------------|------------|------------|------------|-----------------|-----|
| Pressure (Mpa)           | 1.0                                             | 1.6        | 2.5        | 4.0        | 6.4        | 1.0             | 1.6 |
| Liquid Temperature       | -20°C ~ +100°C                                  |            |            |            |            |                 |     |
| Flange                   | PN10, PN16, PN40, ANSI 150 & 300, JIS 10K & 20K |            |            |            |            |                 |     |
| Liquid Viscosity (Mpa.s) | 0.3 - 2mpa.s                                    |            | 2 - 8mpa.s |            |            | 8 - 200mpa.s    |     |
| DN10                     | 0.2 - 0.4                                       | 0.08 - 0.4 | 0.1 - 0.4  | 0.08 - 0.4 | 0.08 - 0.4 | 0.04 - 0.4      |     |
| DN15                     | 0.75 - 1.5                                      | 0.3 - 1.5  | 0.3 - 1.5  | 0.3 - 1.5  | 0.3 - 1.5  | 0.15 - 1.5      |     |
| DN20                     | 1 - 3                                           | 0.4 - 3    | 0.6 - 3    | 0.4 - 3    | 0.5 - 3    | 0.3 - 3         |     |
| DN25                     | 2 - 6                                           | 0.8 - 6    | 1.2 - 6    | 0.8 - 6    | 1 - 6      | 0.6 - 6         |     |
| DN40                     | 5 - 15                                          | 2 - 15     | 3 - 15     | 2 - 15     | 2.5 - 15   | 1.5 - 15        |     |
| DN50                     | 8 - 24                                          | 3 - 24     | 4.8 - 24   | 3 - 24     | 4 - 24     | 2.4 - 24        |     |
| DN65                     | 15 - 40                                         | 5 - 40     | 8 - 40     | 5 - 40     | 6 - 40     | 4 - 40          |     |
| DN80                     | 20 - 60                                         | 6 - 60     | 12 - 60    | 6 - 60     | 10 - 60    | 6 - 60          |     |
| DN100                    | 34 - 100                                        | 10 - 100   | 20 - 100   | 10 - 100   | 16 - 100   | 10 - 100        |     |
| DN150                    | 64 - 190                                        | 19 - 190   | 38 - 190   | 19 - 190   | 32 - 190   | 19 - 190        |     |
| DN200                    | 114 - 340                                       | 34 - 340   | 68 - 340   | 34 - 340   | 56 - 340   | 34 - 340        |     |
| Accuracy                 | 0.2%                                            | 0.5%       | 0.2%       | 0.5%       | 0.2%       | 0.5%            |     |

\*Specification given are subject to changed without further notice.