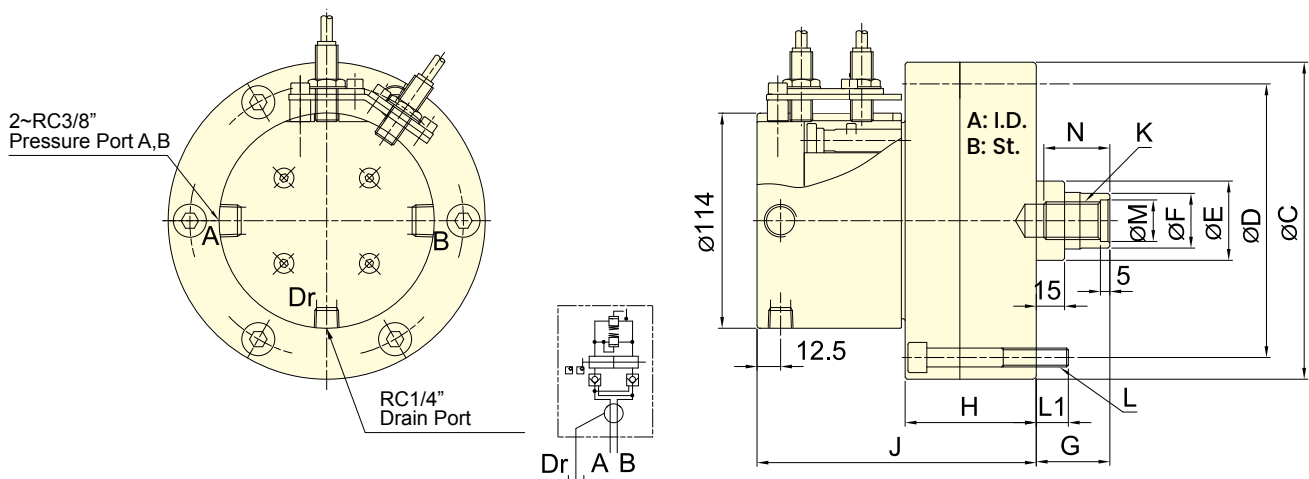




- For short form, light weight and high speed rotary cylinder.
- Built-in safety check valves, pressure relief valves and proximity sensor.
- Can screw it from the rear end of the cylinder when mounting.
- The drain port should be independently connected to oil tank to avoid back pressure.
- Stroke Detection Type can be customized to Linear Positioning System.



Subject to technical changes

## SPECIFICATIONS

| Model  | Eff. piston area |                 | Piston stroke | Max. speed | Max. pressure | I                 | Weight |
|--------|------------------|-----------------|---------------|------------|---------------|-------------------|--------|
|        | Extend           | Retract         |               |            |               |                   |        |
|        | cm <sup>2</sup>  | cm <sup>2</sup> |               |            |               | Moment of inertia |        |
| RE-110 | 92.7             | 87.9            | 20            | 6000       | 3.5(35)       | 0.02              | 6.9    |
| RE-120 | 110.8            | 106             | 21            | 6000       | 4.0(40)       | 0.03              | 8.8    |
| RE-130 | 130.4            | 123.1           | 30            | 6000       | 4.0(40)       | 0.03              | 9.1    |

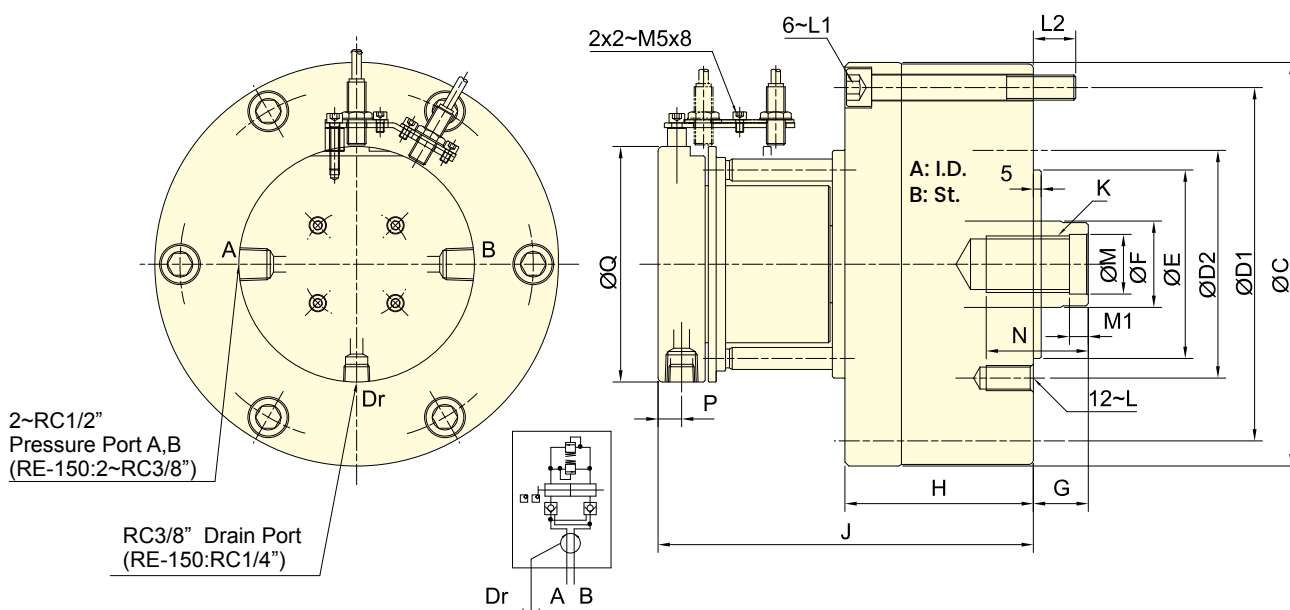
## DIMENSIONS

| Model  | A   | B  | C<br>(h7) | D   | E  | F  | G<br>max. | G<br>min. | H    | J   | K       | L        | L1 | M<br>(H8) | N  |
|--------|-----|----|-----------|-----|----|----|-----------|-----------|------|-----|---------|----------|----|-----------|----|
| RE-110 | 110 | 20 | 145       | 128 | 42 | 29 | 60        | 40        | 66   | 146 | M20x2.5 | 6~M8x70  | 12 | 22        | 35 |
| RE-120 | 120 | 21 | 168       | 145 | 42 | 29 | 60        | 39        | 69.5 | 148 | M20x2.5 | 6~M10x75 | 17 | 22        | 35 |
| RE-130 | 130 | 30 | 168       | 150 | 50 | 33 | 60        | 30        | 79.5 | 158 | M24x3.0 | 6~M10x85 | 17 | 27        | 40 |

\*Proximity sensor : DC 10-30V 100mA NPN.



- For short form, light weight and high speed rotary cylinder, suitable for vertical lathe.
- Built-in safety check valves, pressure relief valves and proximity sensor.
- Can screw it from the rear end of the cylinder when mounting.
- The drain port should be independently connected to oil tank to avoid back pressure.
- Stroke Detection Type can be customized to Linear Positioning System.



Subject to technical changes

## SPECIFICATIONS

| Model   | Eff. piston area |                 | Piston stroke | Max. speed | Max. pressure | I                                        | Weight |
|---------|------------------|-----------------|---------------|------------|---------------|------------------------------------------|--------|
|         | Extend           | Retract         |               |            |               |                                          |        |
|         | cm <sup>2</sup>  | cm <sup>2</sup> |               |            |               | Moment of inertia<br>kg · m <sup>2</sup> |        |
| RE-150  | 174.4            | 160.8           | 30            | 5500       | 4.0 (40)      | 0.06                                     | 14.9   |
| RE-200K | 292.4            | 274.9           | 35            | 4000       | 4.0 (40)      | 0.19                                     | 29.1   |
| RE-200L | 292.4            | 265.4           | 50            | 4000       | 5.0 (50)      | 0.21                                     | 30.4   |
| RE-250  | 465.2            | 438.2           | 60            | 2000       | 5.0 (50)      | 0.43                                     | 47.2   |

## DIMENSIONS

| Model   | A   | B  | C   | D1  | D2  | E (h7) | F  | G max. | G min. | H   | J     | K       | L      | L1      | L2   | M (H8) | M1 | N  | P    | Q   |
|---------|-----|----|-----|-----|-----|--------|----|--------|--------|-----|-------|---------|--------|---------|------|--------|----|----|------|-----|
| RE-150  | 150 | 30 | 205 | 180 | 130 | 110    | 45 | 60     | 30     | 99  | 177.5 | M30x3.5 | M12x24 | M12x105 | 18.5 | 32     | 10 | 50 | 12.5 | 114 |
| RE-200K | 195 | 35 | 257 | 225 | 145 | 120    | 55 | 73     | 38     | 120 | 239   | M36x4.0 | M16x30 | M16x130 | 27   | 38     | 12 | 65 | 15   | 150 |
| RE-200L | 195 | 50 | 257 | 225 | 170 | 125    | 65 | 80     | 30     | 135 | 254   | M42x3.0 | M16x30 | M16x145 | 27   | 45     | 12 | 65 | 15   | 150 |
| RE-250  | 245 | 60 | 307 | 275 | 220 | 160    | 65 | 85     | 25     | 165 | 280   | M42x3.0 | M20x35 | M16x175 | 28   | 45     | 12 | 65 | 15   | 150 |

\*Proximity sensor : DC 10-30V 100mA NPN.