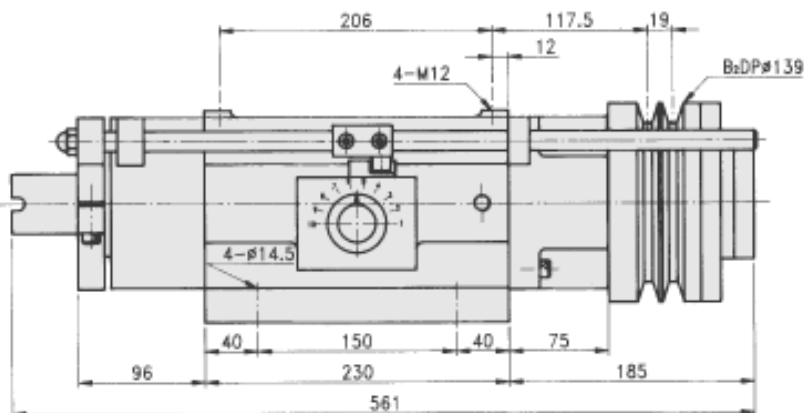
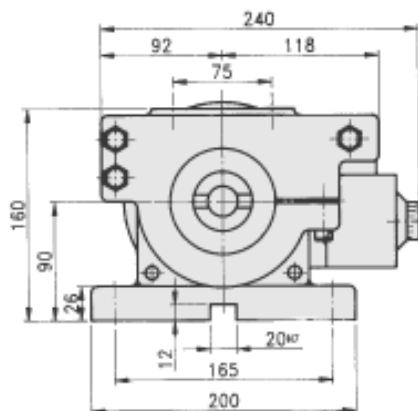




## Model FD7-150

### Features

- The unit can be mounted on machine with its base or front end.
- Left side mounted fitting holes and flow control valve are available, specify this requirement when placing order.
- Capable of  $\pm .0005$  repeatability with short dwell.
- If mounting multiple spindle head to this unit, please choose nose type: FD-7M-150MT3B.



### Spindle Options

(See page 52 for drawings and dimensions)

|            |        |
|------------|--------|
| AS32       | Pg. 52 |
| ER40       | Pg. 52 |
| FB30       | Pg. 52 |
| MT3A       | Pg. 52 |
| MT3B       | Pg. 52 |
| MT3B Multi | Pg. 52 |

### Specifications (Unit: metric)

|                        |                                                              |
|------------------------|--------------------------------------------------------------|
| Hydraulic Pressure     | 280 ~ 350 P.S.I.                                             |
| Drilling Capacity      | 1" (steel)                                                   |
| Stroke                 | 5.5"                                                         |
| Max. Revolution/Minute | 1,500RPM                                                     |
| Flow Control Valve     | FCC-G03-8                                                    |
| Weight                 | 140 lb                                                       |
| Cylinder Diameter      | 4.33"                                                        |
| Cylinder Area          | Forward 11.0 IN <sup>2</sup> , Backward 6.95 IN <sup>2</sup> |
| Thrust Force           | 3124 lb @ 280 P.S.I.                                         |

### Consumption Parts

|                        |                                   |
|------------------------|-----------------------------------|
| O-Ring for Front Cover | P-80x2, G-105x1, DH-80x1          |
| O-Ring for Piston      | P-100x2, G-65x1                   |
| O-Ring for Rear Cover  | P-55x2, G-105x1                   |
| Spindle Bearing        | 32008x1, 32007x1, 6007x1, 6007Zx1 |
| Pulley Bearings        | 6013Zx1, 51213x1                  |