



( $\Phi$ 52/ $\Phi$ 82/ $\Phi$ 105 spindle hole)

**Technical Data**

| Specifications | Unit                        | LB6240       | LB6250/B   | LB6266/B                       | LB6290B                | LB6250C         | LB6266C                | LB6280C                |                  |  |
|----------------|-----------------------------|--------------|--|--------------------------------|------------------------|-----------------|------------------------|------------------------|------------------|--|
| Capacity       | Max. swing dia. over bed    | mm           | Ø400   | Ø500                           | Ø660                   | Ø800            | Ø500                   | Ø660                   | Ø800             |  |
|                | Max. swing dia. in gap      | mm           | Ø630   | Ø710                           | Ø870                   | Ø1000           | Ø710                   | Ø870                   | Ø1000            |  |
|                | Max. swing dia. over slides | mm           | Ø220   | Ø300                           | Ø420                   | Ø560            | Ø300                   | Ø420                   | Ø560             |  |
|                | Max. workpiece length       | mm           | 750/1000/1500<br>2000/3000   |                                | 1000/1500<br>2000/3000 | 2000/3000       | 1000/1500/2000/3000    |                        | 2000/3000        |  |
| Spindle        | Spindle bore dia            | mm           | Ø52  | Ø82                            |                        | Ø82             | Ø105                   |                        |                  |  |
|                | Type of spindle nose        |              | CS6240:ISO 702/III No.6 baynot lock; Others: ISO 702/ $\pi$ No.8 com-lock type |                                |                        |                 |                        |                        |                  |  |
|                | Spindle speed               | rpm          | 24 steps 9-1600  |                                |                        | 24 steps 8-1400 | 12 steps 36-1600       |                        | 12 steps 30-1400 |  |
| Tailstock      | Spindle motor power         | kw           | 7.5  |                                |                        |                 |                        |                        |                  |  |
|                | Dia. of quill               | mm           | Ø75  |                                |                        | Ø90             | Ø90                    |                        |                  |  |
|                | Max. travel of quill        | mm           | 150  |                                |                        |                 |                        |                        |                  |  |
| Turret         | Taper of quill              | MT           | 5  |                                |                        |                 |                        |                        |                  |  |
|                | Tool O.D. size              | mm           | 25 x 25  |                                |                        |                 |                        |                        |                  |  |
|                | Max. X travel               | mm           | 145  |                                |                        |                 |                        |                        |                  |  |
| Feed           | Max Z travel                | mm           | 320  |                                |                        |                 | 310                    | 320                    |                  |  |
|                | X feed range                | mm/r         | 93 kinds 0.028 - 6.43  |                                |                        |                 | 65 kinds 0.063 - 2.52  |                        |                  |  |
|                | Z feed range                | mm/r         | 93 kinds 0.012 - 2.73  |                                |                        |                 | 65 kinds 0.027 - 1.07  |                        |                  |  |
|                | Metric threads              | mm           | 48 kinds 0.5 - 224   |                                |                        |                 | 22 kinds 1 - 14        |                        |                  |  |
|                | Inch threads                | t.p.i        | 48 kinds 72 - 1/4  |                                |                        |                 | 25 kinds 28 - 2        |                        |                  |  |
|                | Module threads              | $\pi$ mm     | 42 kinds 0.5 - 1 1/2   |                                |                        |                 | 18 kinds 0.5 - 7       |                        |                  |  |
| Other          | Diametric pitch threads     | t.p.i. $\pi$ | 42 kinds 56 - 1/4  |                                |                        |                 | 24 kinds 54 - 4        |                        |                  |  |
|                | Cooling pump motor power    | kw           | 0.06   |                                |                        |                 |                        |                        |                  |  |
|                | Length                      | mm           | 2382/2632/3132<br>3632/4632  |                                | 2632/3132<br>3632/4632 | 3365/4365       | 2632/3132/3632/4632    |                        | 3365/4365        |  |
|                | Width                       | mm           | 975  |                                | 1050                   | 1340            | 975                    |                        | 1340             |  |
|                | Height                      | mm           | 1230   |                                | 1350                   | 1460            | 1270                   | 1450                   | 1490             |  |
|                | Weight                      | kg           | 1795/2050<br>2250/2450<br>2850   | 2050/2100<br>2300/2500<br>2900 | 2400/2600<br>2800/3000 | 3300/3700       | 2100/2300<br>2500/2900 | 2200/2400<br>2600/3000 | 3000/3200        |  |