

**Data Sheet**

**MODEL**

**71 G**

**CONTROL**

**SCP**

Suitable injection moulding machines

80 - 180

Ton

| Axes                       | Y                  | Z                  | X                  |                   |
|----------------------------|--------------------|--------------------|--------------------|-------------------|
| Stroke                     | 1600               | 850                | 400                | mm                |
| Speed                      | 1.6                | 3                  | 1                  | m/s               |
| Acceleration               | 6                  | 20                 | 8                  | m/s <sup>2</sup>  |
| Diameter Pulley or Pinion  | 46.7               | 48                 | 38.2               | mm                |
| Gear ratio                 | 5                  | 3                  | 10                 | j                 |
| Motor speed                | 3272               | 3581               | 5000               | min <sup>-1</sup> |
| Pitch for turn motor (SCP) | 29.34              | 50.27              | 12.00              | mm                |
| B&R Motor type             | 8LSA26.R0060D000-0 | 8LSA34.R0030D200-0 | 8LSA26.R0060D000-0 |                   |
| Transmission type          | Rack               | Rack               | Rack               |                   |
| Gearbox                    | CP80               | LP70               | CP60               |                   |
| Size and material axes     | 180x100 steel      | 50x50 aluminium    | 125x60 aluminium   | mm                |
| Guide size                 | 20                 | 15                 | 15                 |                   |
| Distance between guides    | 137                | ----               | 103                | mm                |
| Telescopic Axes            | NO                 | NO                 | NO                 |                   |
| Size of drive B&R Acopos   | 1016               | 1016               | 1010               |                   |

Handling weight

Pick up time

Z=700mm X=100mm

Dry cycle time

Y=1600mm Z=850mm X=100mm

Note: Cycle times are without the auxiliary equipments: Ejector, gripper.....

|      |      |
|------|------|
| 5    | Kg   |
| 1.21 | sec. |
| 4.71 | sec. |

