

DATA SHEET

MODEL

301 G

CONTROL

SCP

Suitable injection moulding machines

2000 - 3500

Ton

Axes	Y	Z	X	
Stroke	4000	2700	1800	mm
Speed	1.2	2.4	1	m/s
Acceleration	1.5	4	3	m/s ²
Diameter Pulley or Pinion	53	53	53	mm
Gear ratio	7	7	7	j
Motor speed	3027	3027	2522	min ⁻¹
Pitch for turn motor (SCP)	23.79	47.57	23.79	mm
B&R Motor type	8LSA54.R0045D000-0	8LSA56.R0030D200-0	8LSA54.R0045D000-0	
Transmission type	Rack	Rack	Rack	
Gearbox	SP100 rack&pinion	SP100 rack&pinion	SP100 rack&pinion	
Size and material axes	400x300 Steel	1°(280x120) 2°(100x80) aluminium	220x220 steel	mm
Guide size	45	20 (1°ext) 15(2°ext)	45	
Distance between guides	330	200 (1°ext) 60(2°ext)	165	mm
Telescopic axes	NO	YES	NO	
Size of drive B&R Acopos	1090	1090	1090	

Handling weight

Pick up time

Dry cycle time

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

Z=1800mm X=500mm

Y=4000mm Z=2700mm X=500mm

50

4.37

16.83

Kg

sec.

sec.

