

DATA SHEET

MODEL

401 G

CONTROL

SCP

Suitable injection moulding machines

3500 -4500

Ton

Axes	Y	Z	X	
Stroke	4500	3000	2000	mm
Speed	1	2	1	m/s
Acceleration	1	3	2	m/s ²
Diameter Pulley or Pinion	53	53	53	mm
Gear ratio	7	7	7	j
Motor speed	2522	2522	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	600x300 Steel	1°(300x200) 2°(120x120) steel	250x250 steel	mm
Guide size	45	20 (1°ext) 20(2°ext)	45	
Distance between guides	485	227 (1°ext) 80(2°ext)	190	mm
Telescopic axes	NO	YES	NO	
Size of drive B&R Acopos	1090	1090	1090	
Handling weight			70	Kg
Pick up time	Z=2000mm X=1000mm		6.33	sec.
Dry cycle time	Y=4500mm Z=3000mm X=1000mm		22.67	sec.

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

