

Euromap Size**100-14****Injection unit for processing thermoplastics**

Screw diameter	mm		12	14
Screw - L/D-ratio			19,6	16
Max. stroke volume (theoretical)	cm ³		4,5	6,1
Max. shot weight in PS	g		4,2	5,6
Injection force	kN		35,4	35,4
Injection flow	g/s		22,25	28
Max. spec. Injection pressure	bar		3128	2298
Max. screw stroke	mm		40	40
Nozzel force / contact pressure	kN		20	20
Nozzle retraction stroke	mm		100	100
Screw torque	Nm		50 (75 bar)	75 (115 bar)
Screw speed (infinitely variable)	U / min.	standard	max. 340	max. 340
Screw pullback force	kN		5	5
Heating power (Cylinder)	W		450+950	450+950
Hopper capacity	litre		3	3

Clamping unit

Clamping force	kN		100	100
Tie bar clearance (two diagonal)	mm	horizontal	160	160
		diagonal	205	205
Max. platen daylight	mm		250 (option 200)	250 (option 200)
Max. opening stroke (adjustable)	mm		150	150
Min. mould height	mm		100 (option 50)	100 (option 50)
Mould opening force	kN		15	15
Mould closing force	kN		10	10
Ejector stroke (max)	mm		50	50
Ejector force pushing / pulling	kN		8,4 / 8,4	8,4 / 8,4

General

Installed driving power	kW		3,0	3,0
Installed total power	kW		4,4 / 400 V	4,4 / 400 V
Hydraulic system pressure	bar		300	300
Oil tank capacity	litre		28	28

Dimensions and weights

		BOY XS	BOY XS V
Dimensions (LxBxH) / Footprint	mm / m ²	1460 x 557 x 1359 0,81	1096 x 579 x 2260 0,63
Total weight net (without oil)	kg	400	435
Total weight gross (without oil)	kg	ca. 550	
Case dimensions (LxBxH) approx.	mm	1286 x 666 x 1515	