



CALYPSO

Calypso Injection Molding Machines MODEL: AX100

Injection Unit:	Measuring Unit	Model		
DESCRIPTION:	UNIT	AX90 / AX100		
		A	B	C
Screw Diameter:	in	1.25984	1.38	1.50
	mm	32	35	38
Screw Ratio:	L/D	22	20.1	18.5
Theoretical Injection Capacity	cu in	8.24	9.88	11.71
	cm ³	135	162	192
Shot Weight (PS)	oz	4.31	5.15	6.13
	g	123	147	175
Injection Rate	g/s	83	97	115
Injection Pressure	psi	29,435	24,650	20,880
	MPa	203	170	144
Screw Speed	rpm	0-225		

Clamping Unit:	Measuring Unit	Model
Clamping Force	US ton	101
	kN	900
Opening Stroke	in	12.60
	mm	320
Space Between Tie Bar	in x in	14.17 x 13.00
	mm x mm	360 x 330
Platen Size	in x in	21.46 x 20.08
	mm x mm	545 x 510
Min. Mold Height	in	5.91
	mm	150
Max. Mold Height	in	13.78
	mm	350
Max. Daylight	in	26.38
	mm	670
Ejector Stroke	in	3.54
	mm	90
Ejector Force	US Ton	3
	kN	30
Number of Ejector Bar(s)		5

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Other Machine Information:	Measuring Unit	Model
Max. Pump Pressure	PSI	2,320
	MPa	16
Servo Motor Power	hp	16.09
	kW	12
Heater Power	hp	9.12
	kW	6.8
Oil Tank Capacity	US gal	44.88
	L	170
Machine Dimensions (LxWxH)	ft x ft x ft	12.79 x 3.9 x 5.8
	m x m x m	3.9 x 1.2 x 1.77
Machine Weight	Lbs	6,171
	Ton	2.8

Platen Drawing

