



CALYPSO

Calypso Injection Molding Machines MODEL: AX400

Injection Unit:	Measuring Unit	Model		
DESCRIPTION:	UNIT	AX358 / AX400		
		A	B	C
Screw Diameter:	in	2.36	2.56	2.76
	mm	60	65	70
Screw Ratio:	L/D	22.8	21	19.5
Theoretical Injection Capacity	cu in	55.21	64.66	74.97
	cm ³	905	1060	1229
Shot Weight (PS)	oz	28.81	33.74	39.13
	g	823	964	1118
Injection Rate	g/s	241	283	328
Injection Pressure	psi	29,870	25,520	22,040
	MPa	206	176	152
Screw Speed	rpm	0-160		

Clamping Unit:	Measuring Unit	Model
Clamping Force	US ton	402
	kN	3580
Opening Stroke	in	25.59
	mm	650
Space Between Tie Bar	in x in	26.77 x 26.77
	mm x mm	680 x 680
Platen Size	in x in	39.57 x 39.57
	mm x mm	1005 x 1005
Min. Mold Height	in	9.84
	mm	250
Max. Mold Height	in	28.35
	mm	720
Max. Daylight	in	53.94
	mm	1370
Ejector Stroke	in	6.30
	mm	160
Ejector Force	US Ton	10
	kN	90
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	41.57
	kW	31
Heater Power	hp	24.94
	kW	18.6
Oil Tank Capacity	US gal	171.6
	L	650
Machine Dimensions (LxWxH)	ft x ft x ft	22.63 x 6.26 x 7.48
	m x m x m	6.9 x 1.91 x 2.28
Machine Weight	Lbs	28,652
	Ton	13

Platen Drawing

