



CALYPSO

Calypso Injection Molding Machines MODEL: AX245

Injection Unit:	Measuring Unit	Model		
DESCRIPTION:	UNIT	AX218 / AX245		
		A	B	C
Screw Diameter:	in	1.77	1.97	2.17
	mm	45	50	55
Screw Ratio:	L/D	23.3	21	19.1
Theoretical Injection Capacity	cu in	21.84	26.90	32.64
	cm ³	358	441	535
Shot Weight (PS)	oz	11.41	14.07	17.01
	g	326	402	486
Injection Rate	g/s	124	154	186
Injection Pressure	psi	30,450	24,360	20,300
	MPa	210	168	140
Screw Speed	rpm	0-155		

Clamping Unit:	Measuring Unit	Model
Clamping Force	US ton	245
	kN	2180
Opening Stroke	in	18.70
	mm	475
Space Between Tie Bar	in x in	20.47 x 20.47
	mm x mm	520 x 520
Platen Size	in x in	31.1 x 31.1
	mm x mm	790 x 790
Min. Mold Height	in	7.87
	mm	200
Max. Mold Height	in	20.47
	mm	520
Max. Daylight	in	39.17
	mm	995
Ejector Stroke	in	5.51
	mm	140
Ejector Force	US Ton	8
	kN	70
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	30.84
	kW	23
Heater Power	hp	18.24
	kW	13.6
Oil Tank Capacity	US gal	79.2
	L	300
Machine Dimensions (LxWxH)	ft x ft x ft	18.63 x 4.92 x 7.01
	m x m x m	5.68 x 1.5 x 2.14
Machine Weight	Lbs	15,428
	Ton	7

Platen Drawing



