



CALYPSO

Calypso Injection Molding Machines MODEL: AX310

Injection Unit:	Measuring Unit	Model		
DESCRIPTION:	UNIT	AX278 / AX310		
		A	B	C
Screw Diameter:	in	2.17	2.36	2.56
	mm	55	60	65
Screw Ratio:	L/D	23	21	19.4
Theoretical Injection Capacity	cu in	39.71	47.28	55.45
	cm ³	651	775	909
Shot Weight (PS)	oz	20.72	24.68	28.95
	g	592	705	827
Injection Rate	g/s	180	220	242
Injection Pressure	psi	28,420	23,780	20,300
	MPa	196	164	140
Screw Speed	rpm	0-180		

Clamping Unit:	Measuring Unit	Model
Clamping Force	US ton	312
	kN	2780
Opening Stroke	in	21.65
	mm	550
Space Between Tie Bar	in x in	22.83 x 22.83
	mm x mm	580 x 580
Platen Size	in x in	33.27 x 33.27
	mm x mm	845 x 845
Min. Mold Height	in	8.66
	mm	220
Max. Mold Height	in	23.62
	mm	600
Max. Daylight	in	45.28
	mm	1150
Ejector Stroke	in	5.51
	mm	140
Ejector Force	US Ton	8
	kN	70
Number of Ejector Bar(s)		5

Calypso Injection Molding Machines

MODEL: AX310

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	20.12
	kW	15
Oil Tank Capacity	US gal	101.64
	L	385
Machine Dimensions (LxWxH)	ft x ft x ft	20.34 x 5.38 x 7.22
	m x m x m	6.2 x 1.64 x 2.2
Machine Weight	Lbs	19,836
	Ton	9

Platen Drawing

