



CALYPSO

Calypso Injection Molding Machines MODEL: AX155

Injection Unit:	Measuring Unit	Model		
DESCRIPTION:	UNIT	AX140 / AX155		
		z	B	C
Screw Diameter:	in	1.50	1.65	1.77
	mm	38	42	45
Screw Ratio:	L/D	23.2	21	19.6
Theoretical Injection Capacity	cu in	13.79	16.90	19.40
	cm ³	226	277	318
Shot Weight (PS)	oz	7.21	8.82	10.12
	g	206	252	289
Injection Rate	g/s	94	115	132
Injection Pressure	psi	29,725	24,650	21,315
	MPa	205	170	147
Screw Speed	rpm	0-190		

Clamping Unit:	Measuring Unit	Model
Clamping Force	US ton	157
	kN	1400
Opening Stroke	in	14.96
	mm	380
Space Between Tie Bar	in x in	14.96 x 14.96
	mm x mm	420 x 420
Platen Size	in x in	25 x 25
	mm x mm	635 x 635
Min. Mold Height	in	6.30
	mm	160
Max. Mold Height	in	17.72
	mm	450
Max. Daylight	in	32.68
	mm	830
Ejector Stroke	in	4.72
	mm	120
Ejector Force	US Ton	4
	kN	38
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	24.41
	kW	18.2
Heater Power	hp	11.93
	kW	8.9
Oil Tank Capacity	US gal	58.08
	L	220
Machine Dimensions (LxWxH)	ft x ft x ft	14.76 x 4.59 x 6.56
	m x m x m	4.5 x 1.4 x 2
Machine Weight	Lbs	8,816
	Ton	4

Platen Drawing

