



CALYPSO

Calypso Injection Molding Machines MODEL: AX535

Injection Unit:	Measuring Unit	Model		
DESCRIPTION:	UNIT	AX478 / AX535		
		A	B	C
Screw Diameter:	in	2.95	3.15	3.35
	mm	75	80	85
Screw Ratio:	L/D	22.4	21	19.8
Theoretical Injection Capacity	cu in	105.10	119.56	134.99
	cm ³	1723	1960	2213
Shot Weight (PS)	oz	54.88	62.44	70.49
	g	1568	1784	2014
Injection Rate	g/s	382	435	491
Injection Pressure	psi	26,970	23,780	21,025
	MPa	186	164	145
Screw Speed	rpm	0-165		

Clamping Unit:	Measuring Unit	Model
Clamping Force	US ton	537
	kN	4780
Opening Stroke	in	30.31
	mm	770
Space Between Tie Bar	in x in	30.71 x 30.71
	mm x mm	780 x 780
Platen Size	in x in	46.06 x 46.06
	mm x mm	1170 x 1170
Min. Mold Height	in	11.81
	mm	300
Max. Mold Height	in	31.50
	mm	800
Max. Daylight	in	61.81
	mm	1570
Ejector Stroke	in	7.87
	mm	200
Ejector Force	US Ton	12
	kN	110
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	89.85
	kW	67
Heater Power	hp	41.57
	kW	31
Oil Tank Capacity	US gal	224.4
	L	850
Machine Dimensions (LxWxH)	ft x ft x ft	26.76 x 6.98 x 8.27
	m x m x m	8.16 x 2.13 x 2.52
Machine Weight	Lbs	39,672
	Ton	18

Platen Drawing

