



CALYPSO

Calypso Injection Molding Machines

MODEL: AX740

Injection Unit:	Measuring Unit	Model			
DESCRIPTION:	UNIT	AX658 / AX740			
		A	B	C	D
Screw Diameter:	in	3.54	3.74	3.94	4.13
	mm	90	95	100	105
Screw Ratio:	L/D	23	22	20	18.8
Theoretical Injection Capacity	cu in	166.84	185.93	206.00	227.10
	cm ³	2735	3048	3377	3723
Shot Weight (PS)	oz	87.12	97.09	107.56	118.58
	g	2489	2774	3073	3388
Injection Rate	g/s	552	612	679	748
Injection Pressure	psi	26,680	23,925	21,605	19,575
	MPa	184	165	149	135
Screw Speed	rpm	0-115			

Clamping Unit:	Measuring Unit	Model
Clamping Force	US ton	740
	kN	6580
Opening Stroke	in	35.43
	mm	900
Space Between Tie Bar	in x in	34.65 x 34.65
	mm x mm	880 x 880
Platen Size	in x in	51.57 x 51.57
	mm x mm	1310 x 1310
Min. Mold Height	in	13.78
	mm	350
Max. Mold Height	in	35.43
	mm	900
Max. Daylight	in	70.87
	mm	1800
Ejector Stroke	in	9.84
	mm	250
Ejector Force	US Ton	17
	kN	150
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 + 41.57
	kW	31 + 31
Heater Power	hp	56.32
	kW	42
Oil Tank Capacity	US gal	290.4
	L	1100
Machine Dimensions (LxWxH)	ft x ft x ft	33.45 x 7.34 x 8.86
	m x m x m	10.2 x 2.24 x 2.71
Machine Weight	Lbs	61,712
	Ton	28

Platen Drawing

