



EK Series Center Clamping Injection Molding Machines
MODEL: BL90EK/C320

INJECTION UNIT:	Measure Unit	Models		
DESCRIPTION:	UNIT	BL90EK/C320		
Screw Diameter:	Screw	A	B	C
	in	1.26	1.417	1.575
	mm	32	36	40
Screw Ratio:		23	20	18
Theoretical Injection Capacity	cu in	8.83	11.18	13.8
	cm ³	145	183	226
Shot Weight (PS)	g	133	169	208
	oz	4.7	5.9	7.3
Injection Rate Into Air	cu in/s	4.9	6.2	7.7
	cm ³ /s	80	102	126
Injection Pressure	psi	31912	25094	20308
	MPa	220	173	140
Plasticizing Rate	g/s	10	14	18
Injection Stroke	in	7.09		
	mm	180		
Max. Injection Speed	in/s	3.94		
	mm/s	100		
Max. Screw Speed	r/min	220		

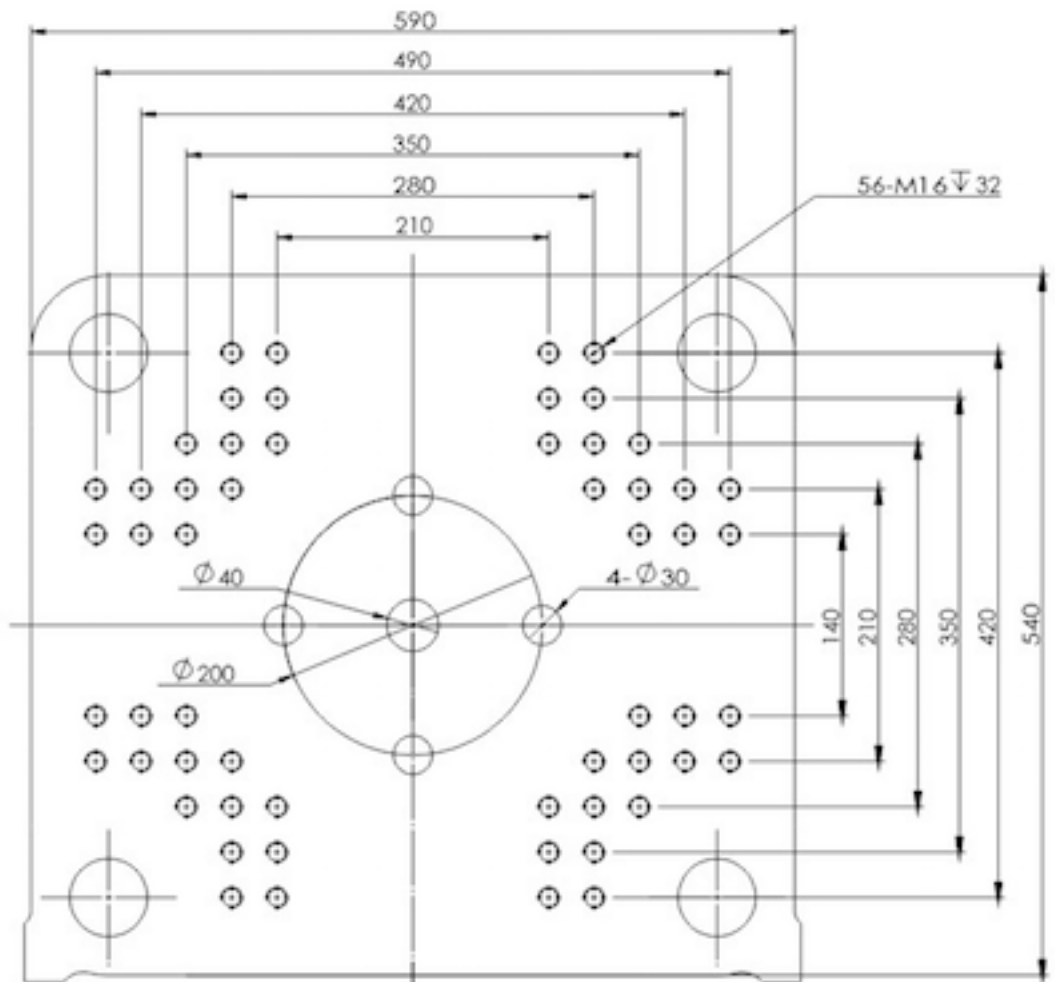
CLAMPING UNIT:	Measure Unit	Models
Clamping Force	US ton	101
	kN	900
Opening Stroke	in	14
	mm	360
Space Between Tie Bar	in x in	16.14 x 14.17
	mm x mm	410 x 360
Platen Size	in x in	23.23 x 21.26
	mm x mm	590 x 540
Min. Mold Height	in	6
	mm	160 (125)
Max. Mold Height	in	15
	mm	390 (335)
Max. Distance Platen	in	30
	mm	750 (715)
Ejector Stroke	in	4
	mm	100
Ejector Force Forward	US Ton	3
	kN	31
Ejector Force Back	US Ton	2
	kN	20
Number of Ejector Bar(s)	PC	5

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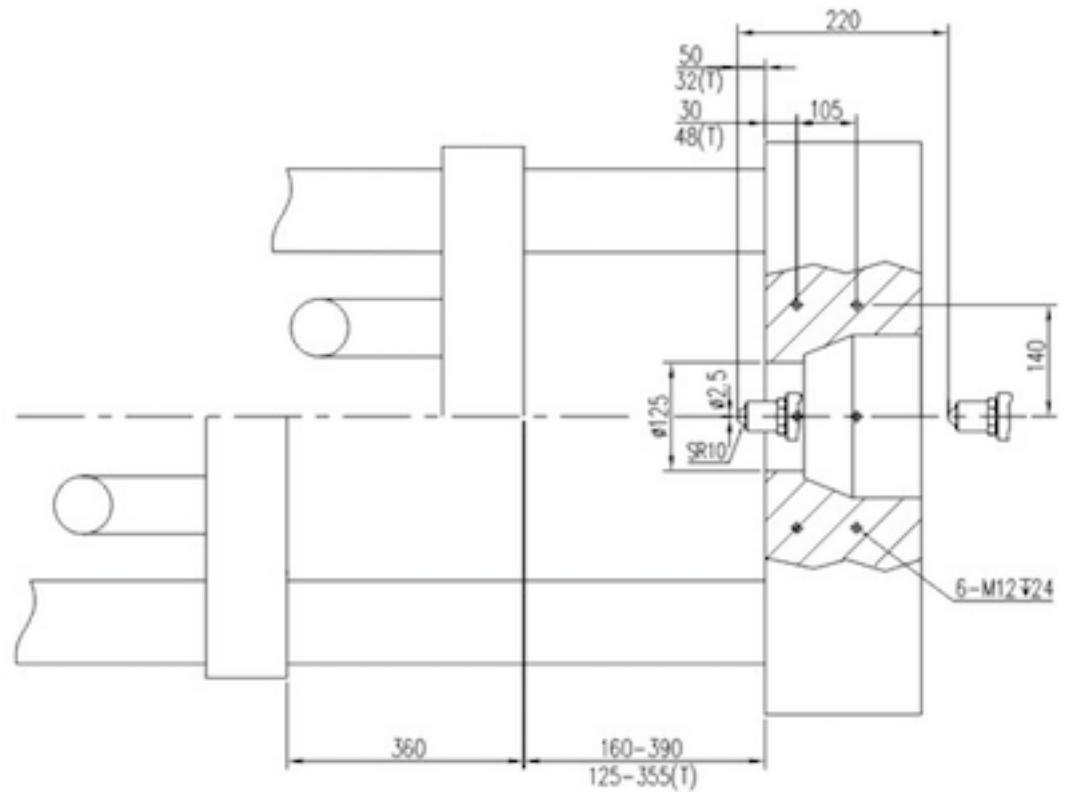
Other Machine Information:	Measure Unit	Model
System Pressure	PSI	2320
	MPa	16
Pump Motor	hp	17.43
	kW	13
Heater Power	kW	6.2
Number of Temp. Control Zones		3+1
Hoper Capacity	Lbs	55.125
	kg	25
Oil Tank Capacity	US gal	40
	L	150
Machine Dimensions (LxWxH)	ft x ft x ft	12.47 x 4.27 x 6.07
	m x m x m	3.8 x 1.3 x 1.85
Machine Weight	Lbs	6000
	Ton	3

Platen Size



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Platen
 Side Size



T Slot Platen
 Dimension Obverse
 Drawing(Optional)

