



**EK Series Center Clamping Injection Molding Machines**  
**MODEL: BL600EK/C4300**

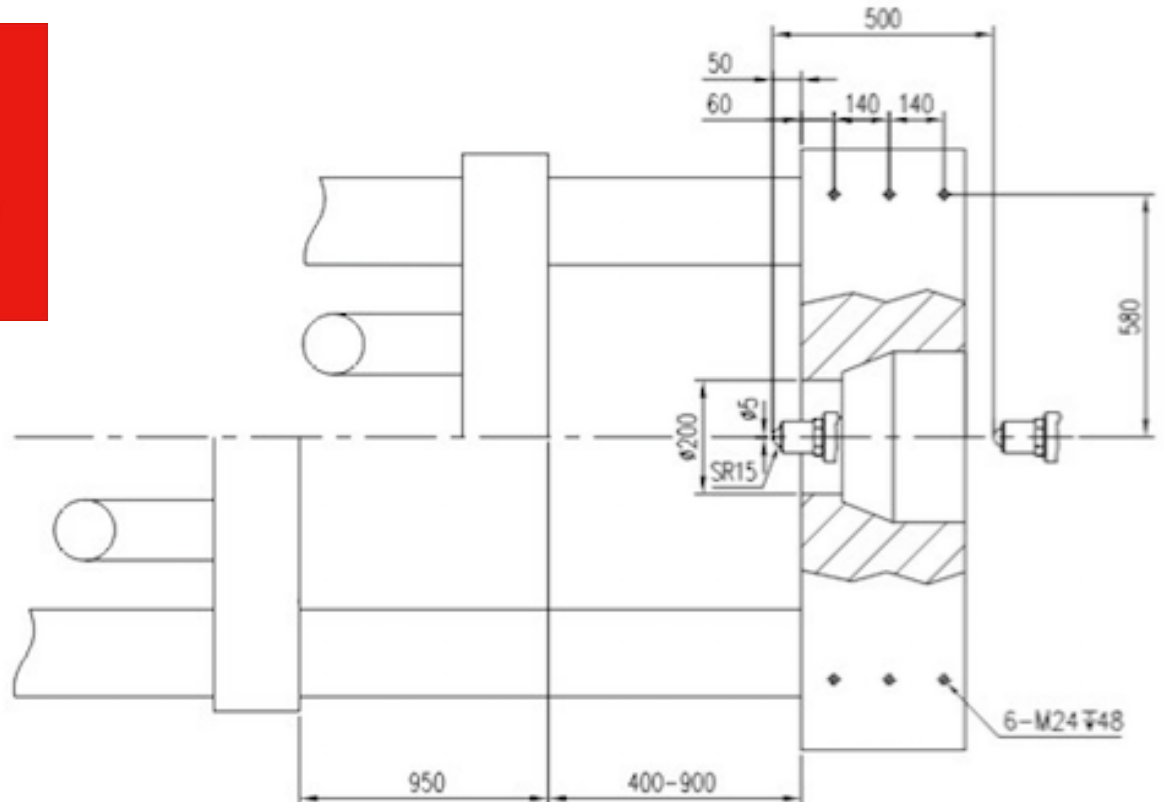
INJECTION UNIT:	Measure Unit	Model			
<b>DESCRIPTION:</b>	UNIT	BL600EK/C4300			
		A	B	C	D
Screw Diameter:	in	3.15	3.346	3.543	3.937
	mm	80	85	90	100
Screw Ratio:		22.5	21	20	18
Theoretical Injection Capacity	cu in	139.57	157.56	176.64	218.07
	cm <sup>3</sup>	2287	2582	2895	3574
Shot Weight (PS)	g	2104	2375	2663	3288
	oz	74.2	83.8	93.9	116
Injection Rate Into Air	cu in/s	29.5	33.3	37.4	46.1
	cm <sup>3</sup> /s	484	546	612	756
Injection Pressure	psi	27415	24224	21613	17551
	MPa	189	167	149	121
Plasticizing Rate	g/s	81	93	112	148
Injection Stroke	in	17.91			
	mm	455			
Max. Injection Speed	in/s	3.78			
	mm/s	96			
Max. Screw Speed	r/min	137			

CLAMPING UNIT:	Measure Unit	Model
Clamping Force	US ton	674
	kN	6000
Opening Stroke	in	37
	mm	950
Space Between Tie Bar	in x in	37.8 x 33.85
	mm x mm	960 x 860
Platen Size	in x in	52.56 x 48.62
	mm x mm	1335 x 1235
Min. Mold Height	in	16
	mm	400
Max. Mold Height	in	35
	mm	900
Max. Distance Platen	in	73
	mm	1850
Ejector Stroke	in	9.4488
	mm	240
Ejector Force Forward	US Ton	17
	kN	152
Ejector Force Back	US Ton	12
	kN	107
Number of Ejector Bar(s)	PC	21



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Platen  
 Side Size



T Slot Platen  
 Dimension Obverse  
 Drawing(Optional)

