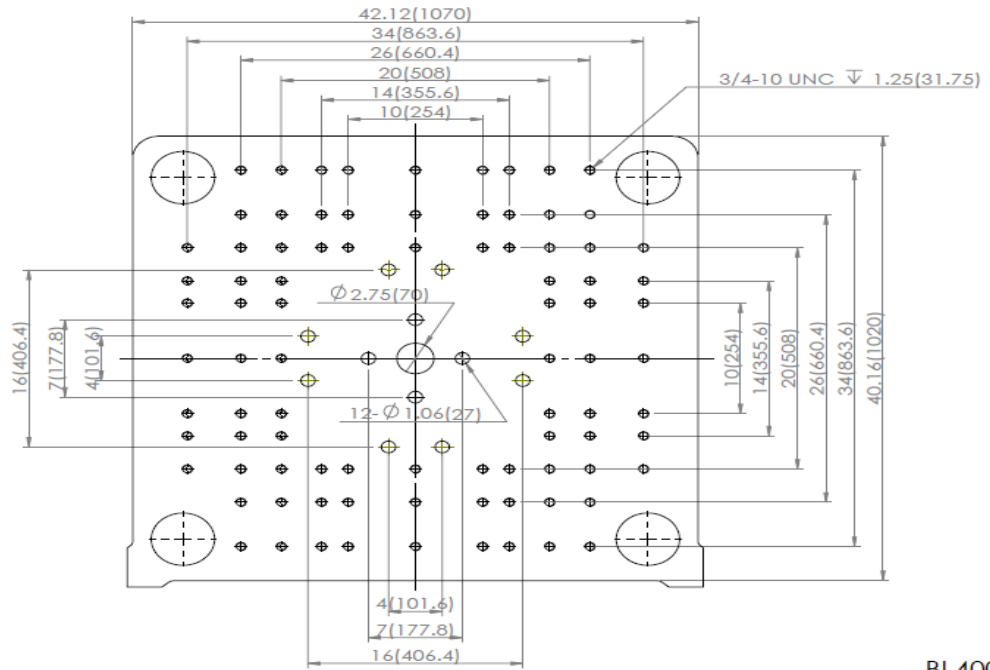




BL400EK Specification Sheet					
DESCRIPTION	UNIT	BL400EK			
		A	B	C	D
Screw diameter	in	2.559	2.756	2.953	3.150
	mm	65	70	75	80
Screw ratio		23	21	20	18.5
Theoretical injection capacity	cu in	73.91	85.72	98.40	111.96
	cm ³	1211	1405	1613	1835
Shot weight(PS)	g	1114	1292	1484	1688
	oz	39.3	45.6	52.3	59.5
Injection rate into Air	cu in/s	21.7	25.2	28.9	32.9
	cm ³ /s	355	412	473	538
Injection pressure	psi	28576	24659	21468	18857
	MPa	197	170	148	130
Injection stroke	in	14.37			
	mm	365			
Max. injection speed	in/s	4.21			
	mm/s	107			
Max. Screw speed	r/min	188			
Clamping force	US Ton	450			
	kN	4000			
Opening stroke	in	30			
	mm	750			
Space between tie bar	in×in	29.92×27.95			
	mm×mm	760×710			
Min. mould height	in	11.81			
	mm	300(255)			
Max. mould height	in	29.53			
	mm	750(705)			
Max. distance Platen	in	59.05			
	mm	1500(1455)			
Ejector Stroke	in	8.2677			
	mm	210			
Ejector force forward	US Ton	13			
	kN	113			
Ejector force back	US Ton	8			
	kN	75			
Number of ejector bar	PC	13			
Sys. Pressure	psi	2320			
	MPa	16			
Pump Motor	hp	63			
	kW	47			
Heater power	kW	27.7			
Number of temp. control zones		4+1			
Hoper capacity	Lbs	110.25			
	kg	50			
Oil tank capacity	US gal	159			
	L	600			
Machine dimensions(L×W×H)	FtxFtxFt	24.28x5.77x7.54			
	m×m×m	7.4×1.76×2.3			
Machine weight	Lbs	29,000			
	Ton	14.5			



BL400

