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BN100

Precision Energy Injection Molding Machine

眼镜框专用
单缸注射注塑机

www.cn-bona.com

BN98-BN1380

宁波博纳机械有限公司
NINGBO BONA MACHINERY CO.,LTD.

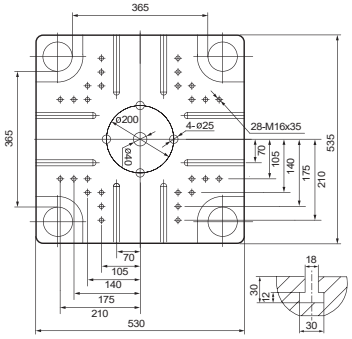
BN100 眼镜框专用单缸注射注塑机

- The injection part adopts the first single cylinder first-line injection method in China. During injection, the speed and force of each part (including the screw) are on the same axis, enhancing the rigidity of mechanical components and overall injection performance.
- Equipped with a powerful power system and a more precise energy-saving servo system, the injection speed and stability have been greatly improved.
- Standard mold heating control interface.
- By using specialized screws, the overall quality of plastic products is significantly improved.
- Configure an overall efficient hydraulic oil system to effectively reduce energy loss.

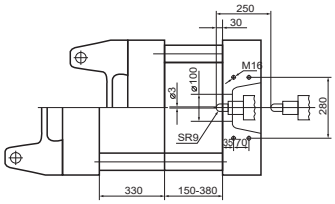
- 注射部分采用全国首创单缸一线注射方式，注射时各零件（包括螺杆）速度与力在同一轴线，增强机械部件的刚性与整体注射性能。
- 配置了强大的动力系统与更精密的节能伺服系统，大大提高了注射速度与注射稳定性。
- 标配模具加热控制接口。
- 采用专用螺杆，显著提高塑料件产品的整体质量。
- 配置整体高效的液压油路系统，有效降低能量损耗。

机型	SPECIFICATION	CN	BN100	BN178
注射装置	INJECTION UNIT			
螺杆直径	Screw diameter	mm	28	40
螺杆长径比	Screw L/D ratio	L/D	22.5	23.2
理论注射容量	Shot volume(theoretical)	cm^3	99	253
注射重量	Injection weight(ps)	g	90	230
注射压力	Injection pressure	MPa	375	245
注射速率	Injection rate	g/s	61	131
锁模装置	CLAMPING UNIT			
锁模力	Clamping force	kN	1000	1780
模板行程	Open stroke	mm	330	430
拉杆内间距（宽X高）	Space between tie ba(WxH)	mm	365x365	465x465
模具模厚	Max.Mould height	mm	150-380	180-520
顶出力	Ejector force	kN	41.5	49
顶出行程	Ejector stroke	mm	100	140
其它	OTHERS			
系统压力	System Pressure	MPa	17.5	17.5
驱动器动率	Motor power	kW	15	22
电热功率	Heating power	kW	7.2	12.7
外形尺寸（长X宽X高）	Machine dimension(LxWxH)	m	4.4x1.2x2	5.1x1.4x2.5
机器重量	Machine weight	t	约3	约5

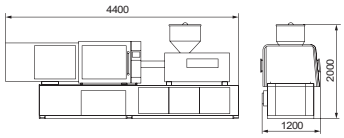
模板正面尺寸
Platen Dimensions



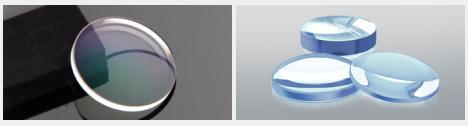
模板侧面尺寸
Mould Space Dimensions



安装图
Floor Flan Layout



可同时配套BN178型
眼镜片专用注塑机方案



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