



CALYPSO

Calypso Injection Molding Machines MODEL: AX200

| Injection Unit: | Measuring Unit | Model | | |
|--------------------------------|-----------------|---------------|--------|--------|
| DESCRIPTION: | UNIT | AX178 / AX200 | | |
| | | A | B | C |
| Screw Diameter: | in | 1.65 | 1.77 | 1.97 |
| | mm | 42 | 45 | 50 |
| Screw Ratio: | L/D | 23.6 | 22 | 19.8 |
| Theoretical Injection Capacity | cu in | 18.79 | 21.53 | 26.60 |
| | cm ³ | 308 | 353 | 436 |
| Shot Weight (PS) | oz | 9.80 | 11.24 | 13.90 |
| | g | 280 | 321 | 397 |
| Injection Rate | g/s | 138 | 160 | 196 |
| Injection Pressure | psi | 29,435 | 25,665 | 20,735 |
| | MPa | 203 | 177 | 143 |
| Screw Speed | rpm | 0-180 | | |

| Clamping Unit: | Measuring Unit | Model |
|--------------------------|----------------|-------------|
| Clamping Force | US ton | 200 |
| | kN | 1780 |
| Opening Stroke | in | 17.13 |
| | mm | 435 |
| Space Between Tie Bar | in x in | 18.5 x 18.5 |
| | mm x mm | 470 x 470 |
| Platen Size | in x in | 28 x 28 |
| | mm x mm | 712 x 712 |
| Min. Mold Height | in | 7.09 |
| | mm | 180 |
| Max. Mold Height | in | 20.47 |
| | mm | 520 |
| Max. Daylight | in | 37.60 |
| | mm | 955 |
| Ejector Stroke | in | 5.31 |
| | mm | 135 |
| Ejector Force | US Ton | 6 |
| | kN | 50 |
| 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 | 24.41 |
| | kW | 18.2 |
| Heater Power | hp | 13.88 |
| | kW | 10.35 |
| Oil Tank Capacity | US gal | 79.2 |
| | L | 300 |
| Machine Dimensions (LxWxH) | ft x ft x ft | 16.5 x 4.7 x 7.25 |
| | m x m x m | 5.04 x 1.43 x 2.21 |
| Machine Weight | Lbs | 13,224 |
| | Ton | 6 |

Platen Drawing

