



SE220EV-A^{HD} (Metric Units)

High-Duty Mid-Sized All-Electric



CLAMP SPECIFICATIONS

www.sumitomo-shi-demag.us

| | | |
|---------------------------------------|---------|--------------------|
| Clamping force | kN/tonf | 2200 / 224 |
| Distance between tie-bars | mm | 660 x 660 |
| Overall size of platens (H x V) | mm | 930 x 930 |
| Open daylight max. - standard | mm | 1175 |
| - With opt. 100 mm extension | | 1275 |
| - With opt. 200 mm extension | | 1375 |
| Mold space min. - max. | mm | 200 – 600 |
| - With opt. 100 mm extension | | 200 – 700 |
| - With opt. 200 mm extension | | 200 - 800 |
| Mold opening stroke max. | mm | 575 |
| Mold open/close speed max. | mm/s | 1349 |
| Locating ring diameter | mm | 101.6 |
| Ejector pattern | | Center (13 points) |
| Ejector force (with opt. added force) | kN | 60 (100) |
| Ejector speed max. | mm/s | 267 |
| Ejector stroke | mm | 220 |
| Mold loading max. (moving side) | kg | 2800 (1850) |

INJECTION SPECIFICATIONS

| Plasticizing unit | | C750HD | | C1100HD | | |
|---|---------------------|-----------|-----------|-----------|-----------|-----------|
| Screw diameter | mm | 45 | 50 | 50 | 56 | 63 |
| Injection pressure max. | kgf/cm ² | 2192 | 1774 | 2345 | 1907 | 1509 |
| Holding pressure max. | kgf/cm ² | 2192 | 1774 | 2345 | 1907 | 1509 |
| Injection capacity | cm ³ | 337 | 416 | 510 | 640 | 810 |
| Injection weight (GPPS) | g | 323 | 399 | 490 | 614 | 778 |
| | oz | 11.4 | 14.1 | 17.3 | 21.7 | 27.4 |
| Plasticizing capacity max. | kg/hr | 98 | 134 | 151 | 192 | 227 |
| Injection rate max. (opt. high-velocity filling) | cm ³ /s | 254 (445) | 314 (549) | 314 (549) | 394 (689) | 498 (872) |
| Screw stroke | mm | 212 | | 260 | | |
| Injection speed max. (opt. high-velocity filling) | mm/s | 160 (280) | | | | |
| Screw speed max. | rpm | 250 | | | | |
| Number of temperature control zones | | 5 | | 6 | | |
| Heater capacity (6 zones) | kW | 11.1 | 12.2 | 19.2 | 21.1 | 28.4 |
| Nozzle contact force | kN | 43 | | 58 | | |
| Injection unit stroke (penetration) | mm | 395 (65) | | | | |
| Hopper capacity | liter | 50 | | 100 | | |

MACHINE SPECIFICATIONS

| | | |
|--------------------------------|-------------|--------------------|
| Main breaker capacity | amps | 225 @ 230 V |
| Machine dimensions (L x W x H) | mm | 6466 x 1832 x 2025 |
| Machine weight | Metric tons | 11.1 |

NOTE: Specifications subject to change without notice. Machine series photo at top may be different model size.