



SE100EV-HD (English Units) High-Duty All-Electric

CLAMP SPECIFICATIONS

| | | |
|---|----------|------------------------------|
| Clamping force | U.S. ton | 112 |
| Distance between tie-bars | in | 18.1 x 18.1 |
| Overall size of platens (H x V) | in | 25.6 x 25.6 |
| Open daylight (max.) (Option B084 selected) | in | 31.5 (35.4) |
| Mold space (min.-max.) (Option B084 selected) | in | 7.1~17.7 (7.1~21.7) |
| Opening stroke (max.) | in | 13.8 |
| Mold open/close speed (max.) | in/sec | 31.5 |
| Locating ring diameter | in | 4.0 |
| Ejector pattern | | Motor Driven Type (5 Points) |
| Ejector stroke (Option B110 selected) | in | 3.9 (5.9) |
| Ejector force (Option B108 selected) | U.S. ton | 3.6 (6.6) |

INJECTION SPECIFICATIONS

| Plasticizing unit | | C230HD | | | C430HD | | |
|--|----------------------|--------------|--------------|---------------|---------------|----------------|----------------|
| | | mm | 28 | 32 | 36 | 36 | 40 |
| Screw diameter | mm | 28 | 32 | 36 | 36 | 40 | 45 |
| Injection pressure | p.s.i. | 41,190 | 31,473 | 24,801 | 39,160 | 31,618 | 25,091 |
| Holding pressure | p.s.i. | 41,190 | 31,473 | 24,801 | 39,160 | 31,618 | 25,091 |
| Injection capacity | in ³ | 5.3 | 6.8 | 8.7 | 9.9 | 12.3 | 15.5 |
| Injection weight (GPPS) | g | 82 | 107 | 136 | 155 | 192 | 243 |
| | oz | 2.9 | 3.7 | 4.8 | 5.5 | 6.8 | 8.6 |
| Plasticizing capacity (max.) | lb/hr | 81.6 | 117 | 168 | 168 | 222 | 300 |
| Screw speed (max.) | rpm | 400 | | | | | |
| Heater capacity (6 zones) | KW | 6.5 | 7.5 | 8.4 | 8.4 | 10.3 | 11.5 |
| Injection rate (max.) (Option C059 selected) | in ³ /sec | 7.5 (6.0) | 9.8 (7.8) | 12.4 (9.9) | 12.4 (9.9) | 15.3 (12.3) | 19.4 (15.5) |
| Injection speed (max.) (Option C059 selected) | in/sec | 7.9 (6.3) | | | 7.9 (6.3) | | |
| Screw stroke | in | 5.5 | | | 6.3 | | |
| Nozzle contact force | U.S. ton | 4.83 | | | 4.83 | | |
| Injection unit stroke (penetration) | in | 12.6 (1.8) | | | 15.0 (1.8) | | |
| Hopper capacity | in ³ | 1,830 | | | 3,050 | | |

MACHINE SPECIFICATIONS

| | | | |
|-----------------------------------|------|----------------------------------|----------------------------------|
| Main breaker capacity | amps | 125 | |
| Machine dimensions (L x W x H) | in | 177 x 47 x 72 (181 x 47 x 72) | 177 x 47 x 76 (181 x 47 x 76) |
| Machine weight | lbs. | 8,818 | 9,480 |

NOTE: Specifications subject to change without notice.

www.sumitomo-shi-demag.us
Toll-free: 866-491-1045



SE130EV-HD (English Units)

High-Duty All-Electric

CLAMP SPECIFICATIONS

| | | |
|---|----------|------------------------------|
| Clamping force | U.S. ton | 146 |
| Distance between tie-bars | in | 20.1 x 20.1 |
| Overall size of platens (H x V) | in | 28.4 x 28.4 |
| Open daylight (max.) (Option B084 selected) | in | 33.4 (37.4) |
| Mold space (min.-max.) (Option B084 selected) | in | 7.1~17.7 (7.1~21.7) |
| Opening stroke (max.) | in | 15.75 |
| Mold open/close speed (max.) | in/sec | 31.5 |
| Locating ring diameter | in | 4.0 |
| Ejector pattern | | Motor Driven Type (5 Points) |
| Ejector stroke (Option B110 selected) | in | 3.9 (5.9) |
| Ejector force (Option B108 selected) | U.S. ton | 3.6 (6.6) |

INJECTION SPECIFICATIONS

| Plasticizing unit | | C230HD | | | C430HD | | |
|--|----------------------|--------------|--------------|---------------|---------------|----------------|----------------|
| | | mm | 28 | 32 | 36 | 36 | 40 |
| Screw diameter | mm | 28 | 32 | 36 | 36 | 40 | 45 |
| Injection pressure | p.s.i. | 41,190 | 31,473 | 24,801 | 39,160 | 31,618 | 25,091 |
| Holding pressure | p.s.i. | 41,190 | 31,473 | 24,801 | 39,160 | 31,618 | 25,091 |
| Injection capacity | in ³ | 5.3 | 6.8 | 8.7 | 9.9 | 12.3 | 15.5 |
| Injection weight (GPPS) | g | 82 | 107 | 136 | 155 | 192 | 243 |
| | oz | 2.9 | 3.7 | 4.8 | 5.5 | 6.8 | 8.6 |
| Plasticizing capacity (max.) | lb/hr | 81.6 | 117 | 168 | 168 | 222 | 300 |
| Screw speed (max.) | rpm | 400 | | | | | |
| Heater capacity (6 zones) | KW | 6.5 | 7.5 | 8.4 | 8.4 | 10.3 | 11.5 |
| Injection rate (max.) (Option C059 selected) | in ³ /sec | 7.5 (6.0) | 9.8 (7.8) | 12.4 (9.9) | 12.4 (9.9) | 15.3 (12.3) | 19.4 (15.5) |
| Injection speed (max.) (Option C059 selected) | in/sec | 7.9 (6.3) | | | 7.9 (6.3) | | |
| Screw stroke | in | 5.5 | | | 6.3 | | |
| Nozzle contact force | U.S. ton | 4.8 | | | 4.8 | | |
| Injection unit stroke (penetration) | in | 12.6 (1.8) | | | 12.6 (1.8) | | |
| Hopper capacity | in ³ | 1,830 | | | 3,050 | | |

MACHINE SPECIFICATIONS

| | | | |
|-----------------------------------|------|----------------------------------|----------------------------------|
| Main breaker capacity | amps | 150 | |
| Machine dimensions (L x W x H) | in | 180 x 51 x 74 (190 x 51 x 74) | 180 x 51 x 78 (190 x 51 x 78) |
| Machine weight | lbs. | 9,920 | 10,582 |

NOTE: Specifications subject to change without notice.

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SE180EV-HD (English Units) High-Duty All-Electric

CLAMP SPECIFICATIONS

| | | |
|---|----------|------------------------------|
| Clamping force | U.S. ton | 202 |
| Distance between tie-bars | in | 22.1 x 22.1 |
| Overall size of platens (H x V) | in | 31.5 x 31.3 |
| Open daylight (max.) (Option B084 selected) | in | 37.4 (41.3) |
| Mold space (min.-max.) (Option B084 selected) | in | 7.87~19.7 (7.87~23.6) |
| Opening stroke (max.) | in | 17.7 |
| Mold open/close speed (max.) | in/sec | 31.5 |
| Locating ring diameter | in | 4.0 |
| Ejector pattern | | Motor Driven Type (5 Points) |
| Ejector stroke (Option B110 selected) | in | 4.7 (5.9) |
| Ejector force (Option B108 selected) | U.S. ton | 5.5 (6.6) |

INJECTION SPECIFICATIONS

| Plasticizing unit | | C430HD | | | C730HD | |
|--|----------------------|---------------|----------------|----------------|----------------|----------------|
| | | mm | 36 | 40 | 45 | 45 |
| Screw diameter | mm | 36 | 40 | 45 | 45 | 50 |
| Injection pressure | p.s.i. | 39,160 | 31,618 | 25,091 | 31,183 | 25,237 |
| Holding pressure | p.s.i. | 39,160 | 31,618 | 25,091 | 31,183 | 25,237 |
| Injection capacity | in ³ | 9.9 | 12.3 | 15.5 | 20.6 | 25.4 |
| Injection weight (GPPS) | g | 155 | 192 | 243 | 324 | 400 |
| | oz | 5.5 | 6.8 | 8.6 | 11.4 | 14.1 |
| Plasticizing capacity (max.) | lb/hr | 168 | 222 | 300 | 216 | 295 |
| Screw speed (max.) | rpm | 400 | | | 250 | |
| Heater capacity (6 zones) | KW | 8.5 | 10.3 | 11.5 | 11.5 | 12.6 |
| Injection rate (max.) (Option C059 selected) | in ³ /sec | 12.4 (9.9) | 15.3 (12.3) | 19.4 (15.5) | 15.5 (13.6) | 19.2 (16.7) |
| Injection speed (max.) (Option C059 selected) | in/sec | 7.9 (6.3) | | | 6.3 (5.5) | |
| Screw stroke | in | 6.3 | | | 8.4 | |
| Nozzle contact force | U.S. ton | 4.83 | | | 4.83 | |
| Injection unit stroke (penetration) | in | 14.96 (2.6) | | | 14.96 (2.6) | |
| Hopper capacity | in ³ | 3,050 | | | 3,050 | |

MACHINE SPECIFICATIONS

| | | |
|-----------------------------------|------|-----------------|
| Main breaker capacity | amps | 175 |
| Machine dimensions (L x W x H) | in | 205 x 54 x 79.5 |
| Machine weight | lbs. | 13,668 |

NOTE: Specifications subject to change without notice.

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