

SPECIFICATIONS

$1 \text{ kg/cm}^2 = 14.2 \text{ psi}$

SP M70ADDM-S10E

SERIAL NO.

| MODEL | | M70A-D-DM | |
|-----------------------|------|-----------------|--------------|
| APPLICATION | | | |
| Hopper capacity | | L | 10 |
| Screw speed | Fast | 60HZ rpm | 0 ~ 295 |
| | Fast | 50HZ rpm | 0 ~ 245 |
| | Slow | 60HZ rpm | |
| | Slow | 50HZ rpm | |
| Heater capacity | | KW | 6.5 |
| Cooling fan capacity | 60HZ | W | 35 |
| | 50HZ | W | 30 |
| Screw diameter | | mm | 32 |
| Plasticizing capacity | 60HZ | kg/hr | 36 |
| | 50HZ | kg/hr | 30 |
| Injection pressure | | kg/cm | 1650 |
| Injection capacity | | cm ³ | 120 |
| | | gr | 115 |
| | | oz | 4.0 |
| Injection rate | 60HZ | cc/sec | 105 |
| | 50HZ | cc/sec | 88 |
| Injection cyl. Stroke | | mm | 150 |
| Injection speed | 60HZ | cm/sec | 13.1 |
| | 50HZ | cm/sec | 10.9 |
| Injection ram dia | | mm | 100 x 63 x 2 |
| Carriage cyl. Stroke | | mm | 250 |
| Nozzle projection | | mm | 65 |
| Clamping force | | T | 70 |
| Opening force | | T | 5.4 |
| Open daylight | | mm | 650 |
| Clamp stroke | | mm | 350 |
| Min. mold thickness | | mm | 300 |
| Die spacer | | mm | |
| Platen size | | mm | 550 x 550 |
| Spacing of tie rods | | H x V | 370 x 370 |
| Locating ring size | | mm | 100 |
| Mold closing speed | 60HZ | cm/sec | 72.5 |
| | 50HZ | cm/sec | 60.4 |
| Mold opening speed | 60HZ | cm/sec | 69.7 |
| | 50HZ | cm/sec | 58.0 |
| Clamping ram dia | | mm | 250 x 240 |
| Booster ram dia | | mm | 49 |
| Ejector stroke | | mm | 80 |
| Ejector force | | T | 2.7 |
| Ejector ram dia | | mm | 50 x 35.5 |

23,450 psi

154,000 lbs

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SP. M70ADDM-S10E

SERIAL NO.

| APPLICATION | MODEL | M70A-D-DM |
|--------------------|-------|----------------|
| Electric motor | kwxp | 15 x 6 |
| Oil reservoir cap. | T | 280 |
| Machine dimensions | mm | 4420x1300x1900 |
| Machine weight | T | 4.0 |
| Hydraulic pump | | SQPS1-2 |
| | | VVJ-80 |
| Hydraulic motor | | SX504-BM |
| Hyd.injec.press. | kg/cm | 140 |
| Hyd.clamp.press. | kg/cm | 140 |

* Above figure is based on general purpose polystyrene.