

## 1.1 Technische Daten

Masch. Typ 22 S

Internat. Größe 220-52

## Technical Data

Machine model 22 S

**International size 220-52**

| Internat. Größe                | 220-52            | Dim.                                                        |                  |                    |                          |  |  | International size                          | 220-52 |
|--------------------------------|-------------------|-------------------------------------------------------------|------------------|--------------------|--------------------------|--|--|---------------------------------------------|--------|
| <b>Schließeinheit</b>          |                   |                                                             |                  |                    |                          |  |  | <b>Closing Unit</b>                         |        |
| Schließkraft                   | kN                | 220                                                         |                  |                    |                          |  |  | Clamping force                              |        |
| Zufuhrkraft                    | kN                | 17,6                                                        |                  |                    |                          |  |  | Closing force                               |        |
| Öffnungskraft                  | kN                | 40                                                          |                  |                    |                          |  |  | Opening force                               |        |
| Formhub                        | mm                | 200                                                         |                  |                    |                          |  |  | Mould stroke                                |        |
| Plattenabstand min.            | mm                | 200                                                         |                  |                    |                          |  |  | Minimum plate distance                      |        |
| Plattenabstand max.            | mm                | 400                                                         |                  |                    |                          |  |  | Maximum plate distance                      |        |
| Lichte Weite zw. Holmen        | mm                | 254                                                         |                  |                    |                          |  |  | Clear width between tie bars                |        |
| Holmdurchmesser                | mm                | 40                                                          |                  |                    |                          |  |  | Diameter                                    |        |
| Auswerferkraft                 |                   |                                                             |                  |                    |                          |  |  | Ejector force                               |        |
| stoßend / ziehend              | kN                | 18 / 12                                                     |                  |                    |                          |  |  | pushing / pulling                           |        |
| Auswerferhub                   | mm                | 80                                                          |                  |                    |                          |  |  | Ejector stroke                              |        |
| <b>Spritzeinheit</b>           |                   |                                                             |                  |                    |                          |  |  | <b>Injection Unit</b>                       |        |
| Schneckendurchmesser           | mm                | 18 22 24 28 32                                              |                  |                    |                          |  |  | Screw diameter                              |        |
| L/D-Verhältnis                 |                   | 22 18 17 14,5 12,7                                          |                  |                    |                          |  |  | L/D ratio                                   |        |
| Spez. Spritzdruck              | bar               | 2587 1732 1455 1069 818                                     |                  |                    |                          |  |  | Spec. injection pressure                    |        |
| Theor. Hubvolumen              | cm <sup>3</sup>   | 20,35 30,40 36,18 49,25 64,3                                |                  |                    |                          |  |  | Theor. stroke volume                        |        |
| Kompressionsverhältnis         |                   |                                                             |                  |                    |                          |  |  | Compression ratio                           |        |
| Spritzgewicht mit Polystyrol   | g                 | 17,1 25,5 30,4 41,4 54                                      |                  |                    |                          |  |  | Injection weight with polystyrene           |        |
| Einspritzkraft                 | kN                | 65,82                                                       |                  |                    |                          |  |  | Injection force                             |        |
| Schneckenhub                   | mm                | 80                                                          |                  |                    |                          |  |  | Screw stroke                                |        |
| Plast. Leistg. PS b. 360 1/min | g/s               | 1,5 3,9 4,4 5,3 6,5                                         |                  |                    |                          |  |  | Plasticiz. rate at 360 rpm with polystyrene |        |
| Einspritzzeit                  | sec               | 0,7                                                         |                  |                    |                          |  |  | Injection time                              |        |
| Schneckendrehmoment            | Nm                | 200                                                         |                  |                    |                          |  |  | Screw torque                                |        |
| Schneckendrehzahl              | min <sup>-1</sup> | 10-360 <sup>1)</sup>                                        |                  |                    |                          |  |  | Screw speed                                 |        |
| Düsenanpreßkraft               | kN                | 48                                                          |                  |                    |                          |  |  | Nozzle pressure force                       |        |
| Düsenhub                       | mm                | 180                                                         |                  |                    |                          |  |  | Nozzle stroke                               |        |
| Heizleistung                   | W                 | 3005 <sup>2)</sup> 3845 <sup>3)</sup>                       |                  |                    |                          |  |  | Heating capacity                            |        |
| Granulatbehälter               | Liter             | 13                                                          |                  |                    |                          |  |  | Granulate container                         |        |
| Schneckenrückzugskraft         | kN                | 45,6                                                        |                  |                    |                          |  |  | Screw retraction force                      |        |
| <b>Antrieb</b>                 |                   |                                                             |                  |                    |                          |  |  | <b>Drive</b>                                |        |
| Pumpenmotor                    | kW                | 5,5                                                         |                  |                    |                          |  |  | Pump motor                                  |        |
| Betriebsdruck                  | bar               | 160                                                         |                  |                    |                          |  |  | Operating pressure                          |        |
| Trockenlauf n. Euromap         | sec <sup>1</sup>  | 1,39                                                        |                  |                    |                          |  |  | Number of drycycles (Euromap.)              |        |
| Install. Gesamtleistung        | kW                | 8,505 <sup>2)</sup> 9,345 <sup>3)</sup> 9,055 <sup>5)</sup> |                  |                    |                          |  |  | Installed total power                       |        |
| Ölbehälter                     | Liter             | 135, 116 <sup>4)</sup>                                      |                  |                    |                          |  |  | Oil reservoir                               |        |
| <b>Abmessungen</b>             |                   |                                                             | <b>VV-Masch.</b> | <b>VH-Masch.</b>   | <b>Dimensions</b>        |  |  |                                             |        |
| Länge                          | mm                | 2260                                                        | 1930             | 1870               | Length                   |  |  |                                             |        |
| Breite                         | mm                | 765                                                         | 810              | 810                | Width                    |  |  |                                             |        |
| Höhe                           | mm                | 1565                                                        | 2950             | 1960 <sup>6)</sup> | Height                   |  |  |                                             |        |
| Ges. Gewicht ohne Öl           | kg                | 760                                                         | 865              | 845                | Total weight w/o oil     |  |  |                                             |        |
| Anschluß Formkühlung           |                   | 1/2"                                                        |                  |                    | Mould cooling connection |  |  |                                             |        |
| Anschluß Ölkühlung             |                   | 1/2"                                                        |                  |                    | Oil cooling connection   |  |  |                                             |        |
| Gewicht der Verpackung         | kg                | 150                                                         | 225              | 210                | Weight of packing        |  |  |                                             |        |

- 1) 225 rpm — 160 ccm Motor  
360 rpm — 100 ccm Motor
- 2) Glimmerheizband

- 3) Keramikheizband
- 4) VV u. VH-Masch.
- 5) Entgasungseinheit

- 6) mit geöffneter Schutzhaube

- 1) 225 rpm — 160 ccm motor  
360 rpm — 100 ccm motor
- 2) Standard heaterbands

- 3) ceramic heaterbands
- 4) VV and VH-mach.
- 5) degassing unit

- 6) *with open safety gate*