



IEC 34-30

**Maßblatt Drehstrommotor / dimensions three phase motor IM B35 [mm]**

| Typ       | A   | AB  | AC  | B   | BB  | C  | PM      | ØD | DB | E  | F   | H   | HD  | K  | L   |
|-----------|-----|-----|-----|-----|-----|----|---------|----|----|----|-----|-----|-----|----|-----|
| MX3-90S-6 | 140 | 180 | 177 | 100 | 130 | 56 | M20*1.5 | 24 | M8 | 50 | 8   | 90  | 226 | 10 | 321 |
|           |     |     |     |     |     |    |         |    |    |    | ØP  | ØN  | ØM  | ØS |     |
|           |     |     |     |     |     |    |         |    |    |    | 200 | 130 | 165 | 12 |     |

**technische Daten / technical data**

| Typ / type                                | MX3-90S-6                |   |   |                            |
|---|--------------------------|---|---|----------------------------|
| Leistung / power                          | [kW]                     | 0,75  | Anzugs- zu Nennstrom / starting current   | [Ia/I <sub>n</sub> ] 6,0   |
| Drehzahl / speed                          | [upm]                    | 930   | Kipp- zu Nennmoment / pull-out torque     | [MK/M <sub>n</sub> ] 2,2   |
| Anzahl der Pole/ number of poles          |                          | 6   | Anzugs- zu Nennmoment / starting torque   | [Ma/M <sub>n</sub> ] 2,0   |
| Nennstrom / rated current (400V)          | [A]                      | 1,91  | Trägheitsmoment / moment of inertia       | [Kg <sup>2</sup> ] 0,00530 |
| Leistungsfaktor / power factor            | [cos φ]                  | 0,72  | Lager / bearing                           | [DE] 6205<br>[NDE] 6205    |
| Wirkungsgrad / efficiency                 | [100%]<br>[75%]<br>[50%] | 78,9<br>78,2<br>74,4  | max. Radialbelastung / max. radial force  | [N] 1130                   |
| Schutzart / degree of protection          | [IP]                     | IP 55   | Schalleistungspegel / noise level         | [dB] 57                    |
| Drehmoment / torque                       | [Nm]                     | 7,7   | Umgebungstemperatur / ambient temperature | [°C] ≤40                   |
| Betriebsart / type of duty                |                          | S1  | Gewicht / weight                          | [kg] 13,5                  |
| Iso.Kl                                    |                          | F   | Aufstellungshöhe / altitude               | [m] ≤1000                  |
| max. Temperaturanstieg / temperature rise | [K]                      | ≤60   |   |                            |
| Frequenz / frequency                      | [Hz]                     | 50/60   |   |                            |
| Spannung / voltage                        |                          | 230/400 [Δ/Y] 50Hz<br>265/460 [Δ/Y] 60Hz                              |   |                            |
| Motorschutz / motor protection            |                          | 3xPTC Kaltleiter  |   |                            |
| Herstellungsjahr / production year        |                          | siehe Seriennummer 1. vier Stellen / see serial number 1. four digits |   |                            |