

## SMT Serisi Dişlisiz Asansör Motoru SMT Series Gearless Elevator Motor



### SMT 225AC 20/30

#### SMT 225AC'İN AVANTAJLARI

- 1:1 ve 2:1 askı sistemlerinde 2,5m/sn kabin hızına ulaşabilmektedir.
- Kompakt yapısı sayesinde makine dairesiz sistemlerde kullanıma imkan sağlar.
- Maksimum seyir konforu ve kabin içerisinde minimum gürültü seviyesi sağlanmaktadır.
- %40 enerji tasarrufu sağlamaktadır.
- Yağ kullanımı gerektirmediği için çevre dostudur.

AKAR® Elektromanyetik Fren:  
• EN 81-20 ve EN 81-50 Standartlarına uygundur.

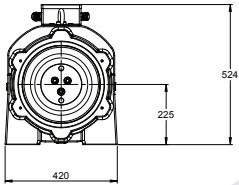
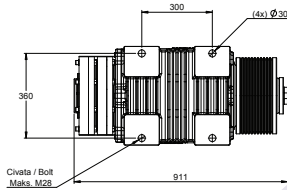
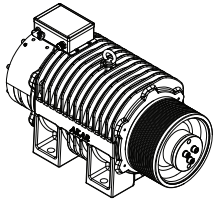
Fren Voltajı: 198V DC  
Kutup Sayısı: 20  
Motor Gerilimi: 360V (Diğerleri Opsiyonel)  
Frekans: 50Hz

#### ADVANTAGES OF SMT 225AC

- Reaches the car speed of 2,5m/sec for 1:1 and 2:1 suspension.
- Compact design for both roomed and roomless applications of elevator systems.
- Maximum travelling comfort and minimum noise level in the cabin.
- 40% energy saving.
- Environment friendly since no oil is required.

AKAR® Electromagnetic Brake:  
• Our brakes fulfill EN 81-20 and EN 81-50 Standards.

Brake Voltage: 198V DC  
No of Poles: 20  
Motor Voltage: 360V (Others Optional)  
Frequency: 50Hz

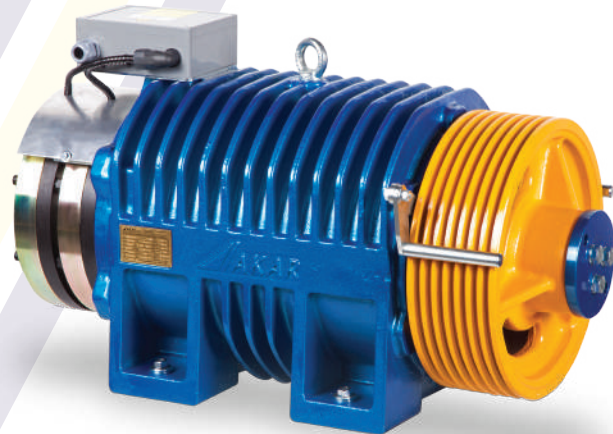


| Motor Tipi<br>Motor Type | Ağırlık<br>Weight<br>(kg) |
|--------------------------|---------------------------|
| SMT 225AC - 20           | 485                       |
| SMT 225AC - 30           | 540                       |

EN 81-20  
EN 81-50

STANDARTLARINA  
UYGUNDUR!

**ÇEVRECİ - İNOVATİF**  
**ENVIRONMENTALIST - INNOVATIVE**



SMT 225AC - 20

SMT 225AC - 30

Maksimum Statik Yük  
Maximum Static Load

4000 kg

5000kg

| Motor Tipi<br>Motor Type | Taşıma Kapasitesi<br>Rated Load<br>[kg] | Kabin Hızı<br>Car Speed<br>[m/s] | Kasnak Çapı<br>Sheave Diameter | Halat Adedi x Çapı<br>No. of Ropes x Rope Dia | Motor Gücü<br>Motor Power<br>[kW] | Yük Akımı<br>Load Current<br>[A] | Askı<br>Roping |
|--------------------------|---|----------------------------------|--------------------------------|---|-----------------------------------|----------------------------------|----------------|
| SMT 225AC-20             | 800                                     | 2.50                             | Ø400                           | - 4 x Ø10                                     | 18.0                              | 32                               | 2:1            |
| SMT 225AC-30             | 800                                     | 2.50                             | Ø500                           | - 4 x Ø10                                     | 22.0                              | 37                               |                |
| SMT 225AC-20             | 1000                                    | 1.00                             | Ø400                           | - 5 x Ø10                                     | 8.4                               | 21                               |                |
| SMT 225AC-30             | 1000                                    | 1.00                             | Ø500                           | - 5 x Ø10                                     | 9.0                               | 21                               |                |
| SMT 225AC-20             | 1000                                    | 1.60                             | Ø400                           | - 5 x Ø10                                     | 11.5                              | 32                               |                |
| SMT 225AC-30             | 1000                                    | 1.60                             | Ø500                           | - 5 x Ø10                                     | 13.0                              | 30                               |                |
| SMT 225AC-20             | 1000                                    | 2.00                             | Ø400                           | - 5 x Ø10                                     | 15.5                              | 35                               |                |
| SMT 225AC-30             | 1000                                    | 2.00                             | Ø500                           | - 5 x Ø10                                     | 17.9                              | 34                               |                |
| SMT 225AC-20             | 1000                                    | 2.50                             | Ø400                           | - 5 x Ø10                                     | 21.0                              | 40                               |                |
| SMT 225AC-30             | 1000                                    | 2.50                             | Ø500                           | - 5 x Ø10                                     | 25.0                              | 44                               |                |
| SMT 225AC-20             | 1200                                    | 1.00                             | Ø320                           | - 7 x Ø8                                      | 11.2                              | 23                               |                |
| SMT 225AC-20             | 1200                                    | 1.00                             | Ø400                           | - 6 x Ø10                                     | 8.5                               | 26                               |                |
| SMT 225AC-20             | 1200                                    | 1.60                             | Ø320                           | - 7 x Ø8                                      | 17.8                              | 33                               |                |
| SMT 225AC-30             | 1200                                    | 1.60                             | Ø400                           | - 6 x Ø10                                     | 16.8                              | 35                               |                |
| SMT 225AC-20             | 1200                                    | 2.00                             | Ø320                           | - 7 x Ø8                                      | 21.0                              | 37                               |                |
| SMT 225AC-30             | 1200                                    | 2.00                             | Ø400                           | - 6 x Ø10                                     | 22.0                              | 42                               |                |
| SMT 225AC-30             | 1200                                    | 2.00                             | Ø500                           | - 6 x Ø10                                     | 16.8                              | 38                               |                |
| SMT 225AC-30             | 1200                                    | 2.50                             | Ø400                           | - 6 x Ø10                                     | 28.0                              | 50                               |                |
| SMT 225AC-30             | 1200                                    | 2.50                             | Ø500                           | - 5 x Ø12                                     | 22.0                              | 52                               |                |
| SMT 225AC-20             | 1275                                    | 1.00                             | Ø320                           | - 7 x Ø8                                      | 11.2                              | 25                               |                |
| SMT 225AC-30             | 1275                                    | 1.00                             | Ø400                           | - 6 x Ø10                                     | 11.0                              | 25                               |                |
| SMT 225AC-20             | 1275                                    | 1.60                             | Ø320                           | - 7 x Ø8                                      | 17.8                              | 35                               |                |
| SMT 225AC-30             | 1275                                    | 1.60                             | Ø400                           | - 6 x Ø10                                     | 19.8                              | 38                               |                |
| SMT 225AC-20             | 1275                                    | 2.00                             | Ø320                           | - 7 x Ø8                                      | 18.5                              | 40                               |                |
| SMT 225AC-30             | 1275                                    | 2.00                             | Ø400                           | - 6 x Ø10                                     | 25.0                              | 45                               |                |
| SMT 225AC-20             | 1600                                    | 1.00                             | Ø320                           | - 8 x Ø8                                      | 11.2                              | 30                               |                |
| SMT 225AC-30             | 1600                                    | 1.00                             | Ø400                           | - 6 x Ø10                                     | 12.0                              | 30                               |                |
| SMT 225AC-30             | 1600                                    | 1.60                             | Ø320                           | - 9 x Ø8                                      | 25.0                              | 48                               |                |
| SMT 225AC-30             | 1600                                    | 1.60                             | Ø400                           | - 6 x Ø10                                     | 20.0                              | 45                               |                |
| SMT 225AC-30             | 2000                                    | 1.00                             | Ø320                           | - 10 x Ø8                                     | 13.8                              | 35                               |                |
| SMT 225AC-30             | 2000                                    | 1.60                             | Ø320                           | - 10 x Ø8                                     | 25.0                              | 58                               |                |
| SMT 225AC-30             | 2500                                    | 1.00                             | Ø320                           | - 12 x Ø8                                     | 16.3                              | 48                               |                |
| SMT 225AC-20             | 630                                     | 1.00                             | Ø320                           | - 7 x Ø8                                      | 5.8                               | 16                               | 1:1            |
| SMT 225AC-20             | 630                                     | 1.60                             | Ø320                           | - 7 x Ø8                                      | 7.0                               | 19                               |                |
| SMT 225AC-30             | 800                                     | 1.00                             | Ø320                           | - 9 x Ø8                                      | 7.0                               | 19                               |                |
| SMT 225AC-30             | 800                                     | 1.00                             | Ø400                           | - 7 x Ø10                                     | 5.5                               | 19                               |                |
| SMT 225AC-30             | 800                                     | 1.60                             | Ø320                           | - 9 x Ø8                                      | 11.0                              | 23                               |                |
| SMT 225AC-30             | 1000                                    | 1.00                             | Ø320                           | - 10 x Ø8                                     | 7.0                               | 23                               |                |

- Halat sayısı ve halat çapı kabin ağırlığına göre değişkenlik gösterebilir.  
\*Yük akımları (I) 24 metre seyir mesafesine göre hesaplanmıştır.  
- Teknik konularda tüm sorularınız için: [teknik@akarasansor.com](mailto:teknik@akarasansor.com)

-Number of ropes and rope diameter may vary according to car weight.  
\*Load currents (I) are calculated based on 24 meters travel height.  
-For technical queries: [engineering@akarasansor.com](mailto:engineering@akarasansor.com)