

TEKNISK INFO, PROFIL HTD

TECHNICAL INFORMATION, PROFILE HTD

| Faktor / Factor | | Fs | | |
|------------------------------|-------------------------------|----------|-----|-----|
| Servicefaktor | Servicefactor | Motortyp | | |
| | | I | II | III |
| Blandare | Stirrers | 1.4 | 1.5 | 1.8 |
| Omrörare | Mixers | 1.5 | 1.7 | 1.9 |
| Blåsmaskiner | Exhaust systems | 1.6 | 1.8 | 2.0 |
| Fläktar | Fans | 1.8 | 2.0 | 2.2 |
| Centrifuger | Centrifuges | 1.7 | 1.9 | - |
| Kompressorer | Compressors | 1.6 | 1.7 | 1.8 |
| | | 2.0 | 2.2 | 2.4 |
| Hissar | Elevatorors | 1.6 | 1.8 | 2.0 |
| Krossverk | Crushers | - | 2.2 | 2.5 |
| Generatorer | Generators | 1.6 | 1.8 | 2.0 |
| Hydraulmotor | Hydraulic motors | 1.5 | 1.7 | 1.9 |
| Pappersmaskiner | Paper mill machines | 1.4 | 1.7 | 1.9 |
| | | 1.7 | 1.9 | 2.1 |
| Kakel och tegel- maskiner | Brick and tile machines | 1.5 | 1.7 | 1.9 |
| | | 1.8 | 2.0 | 2.2 |
| Tvättmaskiner | Layndry machines | 1.6 | 1.8 | 2.0 |
| Gummi process maskiner | Rubber-processing machines | 1.6 | 1.8 | 2.0 |
| Träbearbetnings maskiner | Woodworking machines | 1.3 | 1.4 | - |
| | | 1.4 | 1.6 | - |
| Tryckerimaskiner | Printing machines | 1.4 | 1.6 | 1.8 |
| Vävmaskiner | Weaving machines | 1.5 | 1.7 | - |
| | | 1.6 | 1.8 | 2.0 |
| Verktygsmaskiner | Machine tools | 1.4 | 1.6 | 1.8 |
| | | 1.5 | 1.7 | 1.9 |
| Cylinder och kulkvarnar | Cylinder mills, ball mills | 1.7 | 1.9 | 2.1 |
| Pumpar | Pumps | 1.5 | 1.7 | 2.1 |
| | | 2.0 | 2.2 | 2.4 |
| Skakmaskiner | Riddles | 1.4 | 1.5 | - |
| | | 1.5 | .7 | - |
| Transportorer | Coonveyors | 1.3 | 1.2 | 1.7 |
| | | 1.6 | 1.7 | 1.8 |
| | | 1.7 | 1.8 | 1.9 |
| | | 1.7 | 1.9 | 2.0 |

| Faktor / Factor | | Fm |
|---------------------------|-----------------|----|
| Uppväxlingsförhållande | Tilläggsfaktor | |
| Overgears transmissions | Addition factor | |
| 1 - 1.24 | 0 | |
| 1.25 - 1.74 | 0.1 | |
| 1.75 - 2.49 | 0.2 | |
| 2.50 - 3.49 | 0.3 | |
| 3.50 och över / and above | 0.4 | |

| Faktor / Factor | | Ff |
|------------------------------|--|------|
| Driftsförhållande | Ff | |
| Type of operation | | |
| Kontinuerligt 8 - 10 tim/dag | <i>continuous 8 - 10 hours a day</i> | - |
| Kontinuerligt 10-16 tim/dag | <i>continuous 10 - 16 hours a day</i> | +0.1 |
| Kontinuerligt 16-20 tim/dag | <i>continuous 16 - 20 hours a day</i> | +0.2 |
| Med spännelement | <i>with belt tighter or drive unit</i> | +0.1 |
| Intermittent | <i>intermittent or seasonal duty</i> | -0.1 |

| Faktor / Factor | | Zp |
|------------------------|-------------------|----|
| Antal kuggar i ingrepp | Korrektionsfaktor | |
| No. of cogs engaged | Correction factor | |
| 6 eller mer / or more | 1.00 | |
| 5 | 0.80 | |
| 4 | 0.60 | |
| 3 | 0.40 | |
| 2 | 0.20 | |

Motor klassning / Motor classification

| Typ av motor/ Type of Motor | | Class | | |
|--|---|--|---|--|
| | | I | II | III |
| Konstant överbelastning i % av full belastning <i>Intantianius overload as % of full power load</i> | | tom 149 <i>up to 149</i> | från 150 till 249 <i>from 150 to 249</i> | från 250 till 400 <i>from 250 to 400</i> |
| Växelströmsmotor A:C: motors | Asynkronmotor <i>Asynchronous</i> | - | - | alla <i>all</i> |
| | Trefas asynkronmotor <i>Three-phase asynchronous</i> | YD kopplad <i>Star-delta starting</i> | Direktstart <i>Direct starting</i> | Dubbellindad motor <i>Double cage</i> |
| | Synkronmotor <i>Synchronous</i> | - | Normalt vridmoment <i>Normal torque</i> | Högt vridmoment <i>High torque</i> |
| Likströmsmotor <i>C.C. motor</i> | | Seriellindad <i>Series wound</i> | Seriellindad <i>Series wound</i> | Shuntlindad <i>Shunt wound</i> |
| Förbränningsmotor <i>Internal-combustion engine</i> | | 8 cylindrar och fler <i>8 cylinder and over</i> | 6 cylindrar <i>6 cylinder</i> | 4 cylindrar eller färre <i>4 cylinder or less</i> |
| Hydran motor <i>Hydraulic motor</i> | | - | - | alla <i>all</i> |