

## FENAFLEX KYTKIMET

## Tärinänkestävä

FF220GF

Fenaflex kumielementti FRAS + ATEX



- Helppo ja nopea asennus.
- max 4 ° kulmapoikkeama, 6 mm radiaalinen- ja 8 mm aksiaalinsiirtymä.
- Kumielementit saatavana FRAS ja ATEX-hyväksynnällä.
- Saatavana esiporatulla tai taperlock kiinnityksellä.
- Kunnonvalvonta helppo toteuttaa

## TUOTEKUVAUS

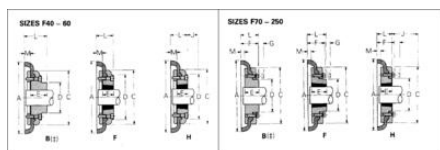
Fenaflex on joustava kytkin joka kestää suuria radiaalisia- ja aksiaalisia siirtymiä. Kytkin kestää suuret kulmapoikkeamat akseleissa. Asennus on kytkimen rakenteen vuoksi helppoa ja kunnossapidossa kytkinelementin vaihto on helppo ja nopea. Kumielementit saatavana myöskin FRAS (Fire Resistant Anti Static) ja ATEX hyväksynnällä.

Kytkimen rakenne kestää myös tärinää.

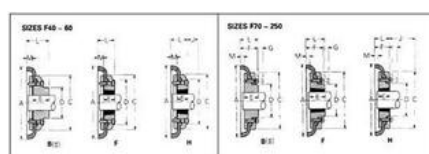
## TEKNISET TIEDOT

**TIEDOT**

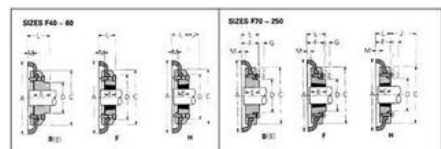
|             |        |
|-------------|--------|
| <b>A</b>    | 562 mm |
| <b>Koko</b> | 220    |



|                  |       | Coupling Size |       |       |       |       |       |       |       |       |       |       |       |       |       |       |  |
|------------------|-------|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|
| Speed<br>rev/min | F40   | F50           | F60   | F70   | F80   | F90   | F100  | F110  | F120  | F140  | F160  | F180  | F200  | F220  | F250  | F270  |  |
| 500              | 0.28  | 0.36          | 0.46  | 0.53  | 0.63  | 0.75  | 0.84  | 0.97  | 1.10  | 1.26  | 1.33  | 1.43  | 1.54  | 1.65  | 1.77  | 1.88  |  |
| 750              | 0.50  | 0.58          | 0.74  | 0.86  | 1.04  | 1.20  | 1.34  | 1.50  | 1.67  | 1.89  | 2.07  | 2.26  | 2.45  | 2.64  | 2.83  | 3.02  |  |
| 1000             | 0.75  | 0.87          | 1.11  | 1.28  | 1.53  | 1.75  | 1.97  | 2.20  | 2.47  | 2.79  | 3.11  | 3.43  | 3.75  | 4.07  | 4.39  | 4.71  |  |
| 1250             | 0.98  | 1.13          | 1.42  | 1.63  | 1.97  | 2.26  | 2.56  | 2.87  | 3.21  | 3.59  | 3.97  | 4.35  | 4.73  | 5.11  | 5.49  | 5.87  |  |
| 1500             | 1.26  | 1.46          | 1.83  | 2.10  | 2.50  | 2.82  | 3.15  | 3.50  | 3.87  | 4.26  | 4.65  | 5.04  | 5.43  | 5.82  | 6.21  | 6.60  |  |
| 1750             | 1.56  | 1.80          | 2.23  | 2.56  | 3.03  | 3.41  | 3.80  | 4.20  | 4.61  | 5.02  | 5.43  | 5.84  | 6.25  | 6.66  | 7.07  | 7.48  |  |
| 2000             | 1.76  | 1.96          | 2.43  | 2.81  | 3.33  | 3.74  | 4.16  | 4.59  | 5.02  | 5.45  | 5.88  | 6.31  | 6.74  | 7.17  | 7.60  | 8.03  |  |
| 2250             | 2.01  | 2.23          | 2.74  | 3.16  | 3.72  | 4.17  | 4.63  | 5.09  | 5.56  | 6.03  | 6.50  | 6.97  | 7.44  | 7.91  | 8.38  | 8.85  |  |
| 2500             | 2.21  | 2.45          | 3.00  | 3.46  | 4.06  | 4.54  | 5.03  | 5.52  | 6.01  | 6.50  | 6.99  | 7.48  | 7.97  | 8.46  | 8.95  | 9.44  |  |
| 2750             | 2.46  | 2.72          | 3.30  | 3.80  | 4.44  | 5.00  | 5.56  | 6.12  | 6.68  | 7.24  | 7.80  | 8.36  | 8.92  | 9.48  | 10.04 | 10.60 |  |
| 3000             | 2.66  | 2.94          | 3.56  | 4.08  | 4.76  | 5.34  | 5.92  | 6.50  | 7.08  | 7.66  | 8.24  | 8.82  | 9.40  | 9.98  | 10.56 | 11.14 |  |
| 3250             | 2.86  | 3.16          | 3.82  | 4.36  | 5.08  | 5.68  | 6.28  | 6.88  | 7.48  | 8.08  | 8.68  | 9.28  | 9.88  | 10.48 | 11.08 | 11.68 |  |
| 3500             | 3.04  | 3.36          | 4.06  | 4.62  | 5.38  | 6.00  | 6.62  | 7.24  | 7.86  | 8.48  | 9.10  | 9.72  | 10.34 | 10.96 | 11.58 | 12.20 |  |
| 3750             | 3.24  | 3.58          | 4.32  | 4.90  | 5.70  | 6.34  | 6.98  | 7.62  | 8.26  | 8.90  | 9.54  | 10.18 | 10.82 | 11.46 | 12.10 | 12.74 |  |
| 4000             | 3.44  | 3.80          | 4.58  | 5.18  | 6.02  | 6.68  | 7.34  | 7.98  | 8.62  | 9.26  | 9.90  | 10.54 | 11.18 | 11.82 | 12.46 | 13.10 |  |
| 4250             | 3.64  | 4.02          | 4.84  | 5.46  | 6.34  | 7.02  | 7.70  | 8.38  | 9.06  | 9.74  | 10.42 | 11.10 | 11.78 | 12.46 | 13.14 | 13.82 |  |
| 4500             | 3.84  | 4.24          | 5.10  | 5.74  | 6.66  | 7.36  | 8.06  | 8.76  | 9.46  | 10.16 | 10.86 | 11.56 | 12.26 | 12.96 | 13.66 | 14.36 |  |
| 4750             | 4.04  | 4.46          | 5.36  | 6.02  | 7.00  | 7.72  | 8.44  | 9.16  | 9.88  | 10.60 | 11.32 | 12.04 | 12.76 | 13.48 | 14.20 | 14.92 |  |
| 5000             | 4.24  | 4.68          | 5.62  | 6.30  | 7.32  | 8.06  | 8.80  | 9.54  | 10.28 | 11.02 | 11.76 | 12.50 | 13.24 | 13.98 | 14.72 | 15.46 |  |
| 5250             | 4.44  | 4.90          | 5.88  | 6.58  | 7.64  | 8.40  | 9.16  | 9.92  | 10.68 | 11.44 | 12.20 | 12.96 | 13.72 | 14.48 | 15.24 | 16.00 |  |
| 5500             | 4.64  | 5.12          | 6.14  | 6.86  | 7.96  | 8.74  | 9.52  | 10.30 | 11.08 | 11.86 | 12.64 | 13.42 | 14.20 | 14.98 | 15.76 | 16.54 |  |
| 5750             | 4.84  | 5.34          | 6.40  | 7.14  | 8.28  | 9.08  | 9.88  | 10.68 | 11.48 | 12.28 | 13.08 | 13.88 | 14.68 | 15.48 | 16.28 | 17.08 |  |
| 6000             | 5.04  | 5.56          | 6.66  | 7.42  | 8.60  | 9.42  | 10.24 | 11.06 | 11.88 | 12.70 | 13.52 | 14.34 | 15.16 | 15.98 | 16.80 | 17.62 |  |
| 6250             | 5.24  | 5.78          | 6.92  | 7.70  | 8.92  | 9.76  | 10.60 | 11.44 | 12.28 | 13.12 | 13.96 | 14.80 | 15.64 | 16.48 | 17.32 | 18.16 |  |
| 6500             | 5.44  | 6.00          | 7.18  | 8.00  | 9.28  | 10.14 | 11.00 | 11.86 | 12.72 | 13.58 | 14.44 | 15.30 | 16.16 | 17.02 | 17.88 | 18.74 |  |
| 6750             | 5.64  | 6.22          | 7.44  | 8.30  | 9.64  | 10.52 | 11.40 | 12.28 | 13.16 | 14.04 | 14.92 | 15.80 | 16.68 | 17.56 | 18.44 | 19.32 |  |
| 7000             | 5.84  | 6.44          | 7.70  | 8.60  | 10.00 | 10.90 | 11.80 | 12.70 | 13.60 | 14.50 | 15.40 | 16.30 | 17.20 | 18.10 | 19.00 | 19.90 |  |
| 7250             | 6.04  | 6.66          | 7.96  | 8.90  | 10.36 | 11.28 | 12.20 | 13.12 | 14.04 | 14.96 | 15.88 | 16.80 | 17.72 | 18.64 | 19.56 | 20.48 |  |
| 7500             | 6.24  | 6.88          | 8.20  | 9.18  | 10.72 | 11.66 | 12.60 | 13.54 | 14.48 | 15.42 | 16.36 | 17.30 | 18.24 | 19.18 | 20.12 | 21.06 |  |
| 7750             | 6.44  | 7.10          | 8.46  | 9.48  | 11.04 | 12.00 | 12.96 | 13.92 | 14.88 | 15.84 | 16.80 | 17.76 | 18.72 | 19.68 | 20.64 | 21.60 |  |
| 8000             | 6.64  | 7.32          | 8.72  | 9.78  | 11.36 | 12.34 | 13.32 | 14.30 | 15.28 | 16.26 | 17.24 | 18.22 | 19.20 | 20.18 | 21.16 | 22.14 |  |
| 8250             | 6.84  | 7.54          | 9.00  | 10.10 | 11.72 | 12.72 | 13.72 | 14.72 | 15.72 | 16.72 | 17.72 | 18.72 | 19.72 | 20.72 | 21.72 | 22.72 |  |
| 8500             | 7.04  | 7.76          | 9.28  | 10.40 | 12.08 | 13.10 | 14.12 | 15.14 | 16.16 | 17.18 | 18.20 | 19.22 | 20.24 | 21.26 | 22.28 | 23.30 |  |
| 8750             | 7.24  | 7.98          | 9.54  | 10.70 | 12.40 | 13.44 | 14.48 | 15.52 | 16.56 | 17.60 | 18.64 | 19.68 | 20.72 | 21.76 | 22.80 | 23.84 |  |
| 9000             | 7.44  | 8.20          | 9.80  | 11.00 | 12.72 | 13.78 | 14.84 | 15.90 | 16.96 | 18.02 | 19.08 | 20.14 | 21.20 | 22.26 | 23.32 | 24.38 |  |
| 9250             | 7.64  | 8.42          | 10.06 | 11.30 | 13.04 | 14.12 | 15.20 | 16.28 | 17.36 | 18.44 | 19.52 | 20.60 | 21.68 | 22.76 | 23.84 | 24.92 |  |
| 9500             | 7.84  | 8.64          | 10.32 | 11.60 | 13.36 | 14.46 | 15.54 | 16.62 | 17.70 | 18.78 | 19.86 | 20.94 | 22.02 | 23.10 | 24.18 | 25.26 |  |
| 9750             | 8.04  | 8.86          | 10.60 | 11.90 | 13.72 | 14.82 | 15.90 | 16.98 | 18.06 | 19.14 | 20.22 | 21.30 | 22.38 | 23.46 | 24.54 | 25.62 |  |
| 10000            | 8.24  | 9.08          | 10.86 | 12.20 | 14.16 | 15.26 | 16.36 | 17.46 | 18.56 | 19.66 | 20.76 | 21.86 | 22.96 | 24.06 | 25.16 | 26.26 |  |
| 10250            | 8.44  | 9.30          | 11.10 | 12.50 | 14.52 | 15.64 | 16.76 | 17.88 | 19.00 | 20.12 | 21.24 | 22.36 | 23.48 | 24.60 | 25.72 | 26.84 |  |
| 10500            | 8.64  | 9.52          | 11.40 | 12.80 | 14.88 | 16.00 | 17.14 | 18.28 | 19.42 | 20.56 | 21.70 | 22.84 | 23.98 | 25.12 | 26.26 | 27.40 |  |
| 10750            | 8.84  | 9.74          | 11.70 | 13.10 | 15.24 | 16.38 | 17.54 | 18.70 | 19.86 | 21.02 | 22.18 | 23.34 | 24.50 | 25.66 | 26.82 | 27.98 |  |
| 11000            | 9.04  | 9.98          | 12.00 | 13.40 | 15.60 | 16.72 | 17.90 | 19.08 | 20.26 | 21.44 | 22.62 | 23.80 | 24.98 | 26.16 | 27.34 | 28.52 |  |
| 11250            | 9.24  | 10.20         | 12.30 | 13.70 | 15.96 | 17.06 | 18.26 | 19.46 | 20.66 | 21.86 | 23.06 | 24.26 | 25.46 | 26.66 | 27.86 | 29.06 |  |
| 11500            | 9.44  | 10.42         | 12.60 | 14.00 | 16.32 | 17.40 | 18.62 | 19.84 | 21.06 | 22.28 | 23.50 | 24.72 | 25.94 | 27.16 | 28.38 | 29.60 |  |
| 11750            | 9.64  | 10.64         | 12.90 | 14.30 | 16.68 | 17.74 | 18.98 | 20.22 | 21.44 | 22.66 | 23.88 | 25.10 | 26.32 | 27.54 | 28.76 | 29.98 |  |
| 12000            | 9.84  | 10.86         | 13.20 | 14.60 | 17.04 | 18.08 | 19.32 | 20.56 | 21.80 | 23.04 | 24.28 | 25.52 | 26.76 | 27.98 | 29.22 | 30.46 |  |
| 12250            | 10.04 | 11.08         | 13.50 | 14.90 | 17.40 | 18.42 | 19.68 | 20.94 | 22.20 | 23.46 | 24.72 | 25.98 | 27.24 | 28.50 | 29.76 | 31.02 |  |
| 12500            | 10.24 | 11.30         | 13.80 | 15.20 | 17.76 | 18.76 | 20.02 | 21.28 | 22.54 | 23.80 | 25.06 | 26.32 | 27.58 | 28.84 | 30.10 | 31.36 |  |
| 12750            | 10.44 | 11.52         | 14.10 | 15.50 | 18.12 | 19.10 | 20.38 | 21.64 | 22.90 | 24.16 | 25.42 | 26.68 | 27.94 | 29.20 | 30.46 | 31.72 |  |
| 13000            | 10.64 | 11.74         | 14.40 | 15.80 | 18.48 | 19.44 | 20.72 | 21.98 | 23.24 | 24.50 | 25.76 | 27.02 | 28.28 | 29.54 | 30.80 | 32.06 |  |
| 13250            | 10.84 | 11.96         | 14.70 | 16.10 | 18.84 | 19.78 | 21.06 | 22.32 | 23.58 | 24.84 | 26.10 | 27.36 | 28.62 | 29.88 | 31.14 | 32.40 |  |
| 13500            | 11.04 | 12.18         | 15.00 | 16.40 | 19.20 | 20.12 | 21.40 | 22.66 | 23.92 | 25.18 | 26.44 | 27.70 | 28.96 | 30.22 | 31.48 | 32.74 |  |
| 13750            | 11.24 | 12.40         | 15.30 | 16.70 | 19.56 | 20.46 | 21.74 | 22.98 | 24.24 | 25.50 | 26.76 | 28.02 | 29.28 | 30.54 | 31.80 | 33.06 |  |
| 14000            | 11.44 | 12.62         | 15.60 | 17.00 | 19.92 | 20.80 | 22.08 | 23.32 | 24.58 | 25.84 | 27.10 | 28.36 | 29.62 | 30.88 | 32.14 | 33.40 |  |
| 14250            | 11.64 | 12.84         | 15.90 | 17.30 | 20.28 | 21.14 | 22.42 | 23.66 | 24.92 | 26.18 | 27.44 | 28.70 | 29.96 | 31.22 | 32.48 | 33.74 |  |
| 14500            | 11.84 | 13.06         | 16.20 | 17.60 | 20.64 | 21.48 | 22.76 | 23.98 | 25.24 | 26.50 | 27.76 | 29.02 | 30.28 | 31.54 | 32.80 | 34.06 |  |
| 14750            | 12.04 | 13.28         | 16.50 | 17.90 | 21.00 | 21.82 | 23.10 | 24.32 | 25.58 | 26.84 | 28.10 | 29.36 | 30.62 | 31.88 | 33.14 | 34.40 |  |
| 15000            | 12.24 | 13.50         | 16.80 | 18.20 | 21.36 | 22.16 | 23.44 | 24.66 | 25.92 | 27.18 | 28.44 | 29.70 | 30.96 | 32.22 | 33.48 | 34.74 |  |
| 15250            | 12.44 | 13.72         | 17.10 | 18.50 | 21.72 | 22.50 | 23.78 | 24.98 | 26.26 | 27.52 | 28.78 | 30.04 | 31.30 | 32.56 | 33.82 | 35.08 |  |
| 15500            | 12.64 | 13.94         | 17.40 | 18.80 | 22.08 | 22.84 | 24.12 | 25.32 | 26.60 | 27.86 | 29.12 | 30.38 | 31.64 | 32.90 | 34.16 | 35.42 |  |
| 15750            | 12.84 | 14.16         | 17.70 | 19.10 | 22.44 | 23.18 | 24.46 | 25.66 | 26.94 | 28.20 | 29.46 | 30.72 | 31.98 | 33.24 | 34.50 | 35.76 |  |
| 16000            | 13.04 | 14.38         | 18.00 | 19.40 | 22.80 | 23.52 | 24.80 | 25.98 | 27.22 | 28.48 | 29.74 | 31.00 | 32.26 | 33.52 | 34.78 | 36.10 |  |
| 16250            | 13.24 | 14.60         | 18.30 | 19.70 | 23.16 | 23.86 | 25.14 | 26.32 | 27.56 | 28.82 | 30.08 | 31.34 | 32.60 | 33.86 | 35.12 | 36.44 |  |
| 16500            | 13.44 | 14.82         | 18.60 | 20.00 | 23.52 | 24.20 | 25.48 | 26.66 | 27.90 | 29.16 | 30.42 | 31.68 | 32.94 | 34.00 | 35.46 | 36.78 |  |
| 16750            | 13.64 | 15.04         | 18.90 | 20.30 | 23.88 | 24.54 | 25.82 | 26.98 | 28.24 | 29.50 | 30.76 | 32.02 | 33.28 | 34.54 | 35.80 | 37.12 |  |
| 17000            | 13.84 | 15.26         | 19.20 | 20.60 | 24.24 | 24.88 | 26.16 | 27.32 | 28.58 | 29.84 | 31.10 | 32.36 | 33.62 | 34.88 | 36.14 | 37.46 |  |
| 17250            | 14.04 | 15.48         | 19.50 | 20.90 | 24.60 | 25.22 | 26.50 | 27.66 | 28.92 | 30.18 | 31.44 | 32.70 | 33.96 | 35.12 | 36.48 | 37.80 |  |
| 17500            | 14.24 | 15.70         | 19.80 | 21.20 | 24.96 | 25.56 | 26.84 | 27.98 | 29.26 | 30.52 | 31.78 | 33.04 | 34.30 | 35.56 | 36.82 | 38.14 |  |
| 17750            | 14.44 | 15.92         | 20.10 | 21.50 | 25.32 | 25.90 | 27.18 | 28.30 | 29.60 | 30.86 | 32.12 | 33.42 | 34.66 | 35.90 | 37.16 | 38.48 |  |
| 18000            | 14.64 | 16.14         | 20.40 | 21.80 | 25.68 | 26.24 | 27.52 | 28.64 | 29.94 | 31.20 | 32.56 | 33.80 | 35.04 | 36.28 | 37.50 | 38.82 |  |
| 18250            | 14.84 | 16.36         | 20.70 | 22.10 | 26.04 | 26.58 | 27.86 | 28.98 | 30.28 | 31.54 | 32.90 | 34.14 | 35.38 | 36.62 | 37.86 | 39.16 |  |
| 18500            | 15.04 | 16.58         | 21.00 | 22.40 | 26.40 | 26.92 | 28.20 | 29    |       |       |       |       |       |       |       |       |  |



| DIMENSIONS OF FLANGE TYPES F & H |        |      |                |               |            |      |            |     |        |               |      |    |   |   |     |
|----------------------------------|--------|------|----------------|---------------|------------|------|------------|-----|--------|---------------|------|----|---|---|-----|
| Drawing No.                      | Size   | Type | Flange<br>Type | Holes<br>Type | Type F Flt |      | Type H Flt |     | Type B | Holes<br>Type | A    | C  | D | E | H   |
|                                  |        |      |                |               | F          | H    | F          | H   |        |               |      |    |   |   |     |
| CONSTR-000000                    | Fig. 8 | 100  | 100            | 20            | 20         | 100  | 100        | 20  | 100    | 22            | 100  | 40 | - | - | 810 |
| CONSTR-000000                    | Fig. 8 | 125  | 125            | 25            | 25         | 125  | 125        | 25  | 125    | 22            | 125  | 40 | - | - | 810 |
| CONSTR-000000                    | Fig. 8 | 150  | 150            | 30            | 30         | 150  | 150        | 30  | 150    | 22            | 150  | 40 | - | - | 810 |
| CONSTR-000000                    | Fig. 8 | 175  | 175            | 35            | 35         | 175  | 175        | 35  | 175    | 22            | 175  | 40 | - | - | 810 |
| CONSTR-000000                    | Fig. 8 | 200  | 200            | 40            | 40         | 200  | 200        | 40  | 200    | 22            | 200  | 40 | - | - | 810 |
| CONSTR-000000                    | Fig. 8 | 225  | 225            | 45            | 45         | 225  | 225        | 45  | 225    | 22            | 225  | 40 | - | - | 810 |
| CONSTR-000000                    | Fig. 8 | 250  | 250            | 50            | 50         | 250  | 250        | 50  | 250    | 22            | 250  | 40 | - | - | 810 |
| CONSTR-000000                    | Fig. 8 | 275  | 275            | 55            | 55         | 275  | 275        | 55  | 275    | 22            | 275  | 40 | - | - | 810 |
| CONSTR-000000                    | Fig. 8 | 300  | 300            | 60            | 60         | 300  | 300        | 60  | 300    | 22            | 300  | 40 | - | - | 810 |
| CONSTR-000000                    | Fig. 8 | 325  | 325            | 65            | 65         | 325  | 325        | 65  | 325    | 22            | 325  | 40 | - | - | 810 |
| CONSTR-000000                    | Fig. 8 | 350  | 350            | 70            | 70         | 350  | 350        | 70  | 350    | 22            | 350  | 40 | - | - | 810 |
| CONSTR-000000                    | Fig. 8 | 375  | 375            | 75            | 75         | 375  | 375        | 75  | 375    | 22            | 375  | 40 | - | - | 810 |
| CONSTR-000000                    | Fig. 8 | 400  | 400            | 80            | 80         | 400  | 400        | 80  | 400    | 22            | 400  | 40 | - | - | 810 |
| CONSTR-000000                    | Fig. 8 | 425  | 425            | 85            | 85         | 425  | 425        | 85  | 425    | 22            | 425  | 40 | - | - | 810 |
| CONSTR-000000                    | Fig. 8 | 450  | 450            | 90            | 90         | 450  | 450        | 90  | 450    | 22            | 450  | 40 | - | - | 810 |
| CONSTR-000000                    | Fig. 8 | 475  | 475            | 95            | 95         | 475  | 475        | 95  | 475    | 22            | 475  | 40 | - | - | 810 |
| CONSTR-000000                    | Fig. 8 | 500  | 500            | 100           | 100        | 500  | 500        | 100 | 500    | 22            | 500  | 40 | - | - | 810 |
| CONSTR-000000                    | Fig. 8 | 525  | 525            | 105           | 105        | 525  | 525        | 105 | 525    | 22            | 525  | 40 | - | - | 810 |
| CONSTR-000000                    | Fig. 8 | 550  | 550            | 110           | 110        | 550  | 550        | 110 | 550    | 22            | 550  | 40 | - | - | 810 |
| CONSTR-000000                    | Fig. 8 | 575  | 575            | 115           | 115        | 575  | 575        | 115 | 575    | 22            | 575  | 40 | - | - | 810 |
| CONSTR-000000                    | Fig. 8 | 600  | 600            | 120           | 120        | 600  | 600        | 120 | 600    | 22            | 600  | 40 | - | - | 810 |
| CONSTR-000000                    | Fig. 8 | 625  | 625            | 125           | 125        | 625  | 625        | 125 | 625    | 22            | 625  | 40 | - | - | 810 |
| CONSTR-000000                    | Fig. 8 | 650  | 650            | 130           | 130        | 650  | 650        | 130 | 650    | 22            | 650  | 40 | - | - | 810 |
| CONSTR-000000                    | Fig. 8 | 675  | 675            | 135           | 135        | 675  | 675        | 135 | 675    | 22            | 675  | 40 | - | - | 810 |
| CONSTR-000000                    | Fig. 8 | 700  | 700            | 140           | 140        | 700  | 700        | 140 | 700    | 22            | 700  | 40 | - | - | 810 |
| CONSTR-000000                    | Fig. 8 | 725  | 725            | 145           | 145        | 725  | 725        | 145 | 725    | 22            | 725  | 40 | - | - | 810 |
| CONSTR-000000                    | Fig. 8 | 750  | 750            | 150           | 150        | 750  | 750        | 150 | 750    | 22            | 750  | 40 | - | - | 810 |
| CONSTR-000000                    | Fig. 8 | 775  | 775            | 155           | 155        | 775  | 775        | 155 | 775    | 22            | 775  | 40 | - | - | 810 |
| CONSTR-000000                    | Fig. 8 | 800  | 800            | 160           | 160        | 800  | 800        | 160 | 800    | 22            | 800  | 40 | - | - | 810 |
| CONSTR-000000                    | Fig. 8 | 825  | 825            | 165           | 165        | 825  | 825        | 165 | 825    | 22            | 825  | 40 | - | - | 810 |
| CONSTR-000000                    | Fig. 8 | 850  | 850            | 170           | 170        | 850  | 850        | 170 | 850    | 22            | 850  | 40 | - | - | 810 |
| CONSTR-000000                    | Fig. 8 | 875  | 875            | 175           | 175        | 875  | 875        | 175 | 875    | 22            | 875  | 40 | - | - | 810 |
| CONSTR-000000                    | Fig. 8 | 900  | 900            | 180           | 180        | 900  | 900        | 180 | 900    | 22            | 900  | 40 | - | - | 810 |
| CONSTR-000000                    | Fig. 8 | 925  | 925            | 185           | 185        | 925  | 925        | 185 | 925    | 22            | 925  | 40 | - | - | 810 |
| CONSTR-000000                    | Fig. 8 | 950  | 950            | 190           | 190        | 950  | 950        | 190 | 950    | 22            | 950  | 40 | - | - | 810 |
| CONSTR-000000                    | Fig. 8 | 975  | 975            | 195           | 195        | 975  | 975        | 195 | 975    | 22            | 975  | 40 | - | - | 810 |
| CONSTR-000000                    | Fig. 8 | 1000 | 1000           | 200           | 200        | 1000 | 1000       | 200 | 1000   | 22            | 1000 | 40 | - | - | 810 |
| CONSTR-000000                    | Fig. 8 | 1025 | 1025           | 205           | 205        | 1025 | 1025       | 205 | 1025   | 22            | 1025 | 40 | - | - | 810 |
| CONSTR-000000                    | Fig. 8 | 1050 | 1050           | 210           | 210        | 1050 | 1050       | 210 | 1050   | 22            | 1050 | 40 | - | - | 810 |
| CONSTR-000000                    | Fig. 8 | 1075 | 1075           | 215           | 215        | 1075 | 1075       | 215 | 1075   | 22            | 1075 | 40 | - | - | 810 |
| CONSTR-000000                    | Fig. 8 | 1100 | 1100           | 220           | 220        | 1100 | 1100       | 220 | 1100   | 22            | 1100 | 40 | - | - | 810 |
| CONSTR-000000                    | Fig. 8 | 1125 | 1125           | 225           | 225        | 1125 | 1125       | 225 | 1125   | 22            | 1125 | 40 | - | - | 810 |
| CONSTR-000000                    | Fig. 8 | 1150 | 1150           | 230           | 230        | 1150 | 1150       | 230 | 1150   | 22            | 1150 | 40 | - | - | 810 |
| CONSTR-000000                    | Fig. 8 | 1175 | 1175           | 235           | 235        | 1175 | 1175       | 235 | 1175   | 22            | 1175 | 40 | - | - | 810 |
| CONSTR-000000                    | Fig. 8 | 1200 | 1200           | 240           | 240        | 1200 | 1200       | 240 | 1200   | 22            | 1200 | 40 | - | - | 810 |
| CONSTR-000000                    | Fig. 8 | 1225 | 1225           | 245           | 245        | 1225 | 1225       | 245 | 1225   | 22            | 1225 | 40 | - | - | 810 |
| CONSTR-000000                    | Fig. 8 | 1250 | 1250           | 250           | 250        | 1250 | 1250       | 250 | 1250   | 22            | 1250 | 40 | - | - | 810 |
| CONSTR-000000                    | Fig. 8 | 1275 | 1275           | 255           | 255        | 1275 | 1275       | 255 | 1275   | 22            | 1275 | 40 | - | - | 810 |
| CONSTR-000000                    | Fig. 8 | 1300 | 1300           | 260           | 260        | 1300 | 1300       | 260 | 1300   | 22            | 1300 | 40 | - | - | 810 |
| CONSTR-000000                    | Fig. 8 | 1325 | 1325           | 265           | 265        | 1325 | 1325       | 265 | 1325   | 22            | 1325 | 40 | - | - | 810 |
| CONSTR-000000                    | Fig. 8 | 1350 | 1350           | 270           | 270        | 1350 | 1350       | 270 | 1350   | 22            | 1350 | 40 | - | - | 810 |
| CONSTR-000000                    | Fig. 8 | 1375 | 1375           | 275           | 275        | 1375 | 1375       | 275 | 1375   | 22            | 1375 | 40 | - | - | 810 |
| CONSTR-000000                    | Fig. 8 | 1400 | 1400           | 280           | 280        | 1400 | 1400       | 280 | 1400   | 22            | 1400 | 40 | - | - | 810 |
| CONSTR-000000                    | Fig. 8 | 1425 | 1425           | 285           | 285        | 1425 | 1425       | 285 | 1425   | 22            | 1425 | 40 | - | - | 810 |
| CONSTR-000000                    | Fig. 8 | 1450 | 1450           | 290           | 290        | 1450 | 1450       | 290 | 1450   | 22            | 1450 | 40 | - | - | 810 |
| CONSTR-000000                    | Fig. 8 | 1475 | 1475           | 295           | 295        | 1475 | 1475       | 295 | 1475   | 22            | 1475 | 40 | - | - | 810 |
| CONSTR-000000                    | Fig. 8 | 1500 | 1500           | 300           | 300        | 1500 | 1500       | 300 | 1500   | 22            | 1500 | 40 | - | - | 810 |
| CONSTR-000000                    | Fig. 8 | 1525 | 1525           | 305           | 305        | 1525 | 1525       | 305 | 1525   | 22            | 1525 | 40 | - | - | 810 |
| CONSTR-000000                    | Fig. 8 | 1550 | 1550           | 310           | 310        | 1550 | 1550       | 310 | 1550   | 22            | 1550 | 40 | - | - | 810 |
| CONSTR-000000                    | Fig. 8 | 1575 | 1575           | 315           | 315        | 1575 | 1575       | 315 | 1575   | 22            | 1575 | 40 | - | - | 810 |
| CONSTR-000000                    | Fig. 8 | 1600 | 1600           | 320           | 320        | 1600 | 1600       | 320 | 1600   | 22            | 1600 | 40 | - | - | 810 |
| CONSTR-000000                    | Fig. 8 | 1625 | 1625           | 325           | 325        | 1625 | 1625       | 325 | 1625   | 22            | 1625 | 40 | - | - | 810 |
| CONSTR-000000                    | Fig. 8 | 1650 | 1650           | 330           | 330        | 1650 | 1650       | 330 | 1650   | 22            | 1650 | 40 | - | - | 810 |
| CONSTR-000000                    | Fig. 8 | 1675 | 1675           | 335           | 335        | 1675 | 1675       | 335 | 1675   | 22            | 1675 | 40 | - | - | 810 |
| CONSTR-000000                    | Fig. 8 | 1700 | 1700           | 340           | 340        | 1700 | 1700       | 340 | 1700   | 22            | 1700 | 40 | - | - | 810 |
| CONSTR-000000                    | Fig. 8 | 1725 | 1725           | 345           | 345        | 1725 | 1725       | 345 | 1725   | 22            | 1725 | 40 | - | - | 810 |
| CONSTR-000000                    | Fig. 8 | 1750 | 1750           | 350           | 350        | 1750 | 1750       | 350 | 1750   | 22            | 1750 | 40 | - | - | 810 |
| CONSTR-000000                    | Fig. 8 | 1775 | 1775           | 355           | 355        | 1775 | 1775       | 355 | 1775   | 22            | 1775 | 40 | - | - | 810 |
| CONSTR-000000                    | Fig. 8 | 1800 | 1800           | 360           | 360        | 1800 | 1800       | 360 | 1800   | 22            | 1800 | 40 | - | - | 810 |
| CONSTR-000000                    | Fig. 8 | 1825 | 1825           | 365           | 365        | 1825 | 1825       | 365 | 1825   | 22            | 1825 | 40 | - | - | 810 |
| CONSTR-000000                    | Fig. 8 | 1850 | 1850           | 370           | 370        | 1850 | 1850       | 370 | 1850   | 22            | 1850 | 40 | - | - | 810 |
| CONSTR-000000                    | Fig. 8 | 1875 | 1875           | 375           | 375        | 1875 | 1875       | 375 | 1875   | 22            | 1875 | 40 | - | - | 810 |
| CONSTR-000000                    | Fig. 8 | 1900 | 1900           | 380           | 380        | 1900 | 1900       | 380 | 1900   | 22            | 1900 | 40 | - | - | 810 |
| CONSTR-000000                    | Fig. 8 | 1925 | 1925           | 385           | 385        | 1925 | 1925       | 385 | 1925   | 22            | 1925 | 40 | - | - | 810 |
| CONSTR-000000                    | Fig. 8 | 1950 | 1950           | 390           | 390        | 1950 | 1950       | 390 | 1950   | 22            | 1950 | 40 | - | - | 810 |
| CONSTR-000000                    | Fig. 8 | 1975 | 1975           | 395           | 395        | 1975 | 1975       | 395 | 1975   | 22            | 1975 | 40 | - | - | 810 |
| CONSTR-000000                    | Fig. 8 | 2000 | 2000           | 400           | 400        | 2000 | 2000       | 400 | 2000   | 22            | 2000 | 40 | - | - | 810 |
| CONSTR-000000                    | Fig. 8 | 2025 | 2025           | 405           | 405        | 2025 | 2025       | 405 | 2025   | 22            | 2025 | 40 | - | - | 810 |
| CONSTR-000000                    | Fig. 8 | 2050 | 2050           | 410           | 410        | 2050 | 2050       | 410 | 2050   | 22            | 2050 | 40 | - | - | 810 |
| CONSTR-000000                    | Fig. 8 | 2075 | 2075           | 415           | 415        | 2075 | 2075       | 415 | 2075   | 22            | 2075 | 40 | - | - | 810 |
| CONSTR-000000                    | Fig. 8 | 2100 | 2100           | 420           | 420        | 2100 | 2100       | 420 | 2100   | 22            | 2100 | 40 | - | - | 810 |
| CONSTR-000000                    | Fig. 8 | 2125 | 2125           | 425           | 425        | 2125 | 2125       | 425 | 2125   | 22            | 2125 | 40 | - | - | 810 |
| CONSTR-000000                    | Fig. 8 | 2150 | 2150           | 430           | 430        | 2150 | 2150       | 430 | 2150   | 22            | 2150 | 40 | - | - | 810 |
| CONSTR-000000                    | Fig. 8 | 2175 | 2175           | 435           | 435        | 2175 | 2175       | 435 | 2175   | 22            | 2175 | 40 | - | - | 810 |
| CONSTR-000000                    | Fig. 8 | 2200 | 2200           | 440           | 440        | 2200 | 2200       | 440 | 2200   | 22            | 2200 | 40 | - | - | 810 |
| CONSTR-000000                    | Fig. 8 | 2225 | 2225           | 445           | 445        | 2225 | 2225       | 445 | 2225   | 22            | 2225 | 40 | - | - | 810 |
| CONSTR-000000                    | Fig. 8 | 2250 | 2250           | 450           | 450        | 2250 | 2250       | 450 | 2250   | 22            | 2250 | 40 | - | - | 810 |
| CONSTR-000000                    | Fig. 8 | 2275 | 2275           | 455           | 455        | 2275 | 2275       | 455 | 2275   | 22            | 2275 | 40 | - | - | 810 |
| CONSTR-000000                    | Fig. 8 | 2300 | 2300           | 460           | 460        | 2300 | 2300       | 460 | 2300   | 22            | 2300 | 40 | - | - | 810 |
| CONSTR-000000                    | Fig. 8 | 2325 | 2325           | 465           | 465        | 2325 | 2325       | 465 | 2325   | 22            | 2325 | 40 | - | - | 810 |
| CONSTR-000000                    | Fig. 8 | 2350 | 2350           | 470           | 470        | 2350 | 2350       | 470 | 2350   | 22            | 2350 | 40 |   |   |     |



|             |             |              |              |              |               |               |        |        |
|-------------|-------------|--------------|--------------|--------------|---------------|---------------|--------|--------|
| 2200        | 5.53        | 15.20        | 29.30        | 5760         | 86.40         | 115.00        | 155.00 | 202.00 |
| 2400        | 6.03        | 16.60        | 31.90        | 62.80        | 94.20         | 126.00        | 170.00 |        |
| 2600        | 6.53        | 18.00        | 34.60        | 68.10        | 102.00        | 136.00        | 184.00 |        |
| 2800        | 7.04        | 19.40        | 37.20        | 73.30        | 110.00        | 147.00        |        |        |
| <b>2880</b> | <b>7.24</b> | <b>19.90</b> | <b>38.30</b> | <b>75.40</b> | <b>113.00</b> | <b>151.00</b> |        |        |
| 3000        | 7.54        | 20.70        | 39.90        | 78.50        | 118.00        | 157.00        |        |        |

The figures in heavier type are for standard motor speeds. All these power ratings are calculated at constant torque. For speeds below 100 rev/min and intermediate speed use nominal torque ratings.