



| Riemenbreiten b [mm]<br>(Zwischenbreiten auf Anfrage) |    |    |    |     |     |
|---|----|----|----|-----|-----|
| 25  | 32 | 50 | 75 | 100 | 150 |

| Standardlängen [mm] / Zähnezahlen |           |       |           |       |           |
|-----------------------------------|-----------|-------|-----------|-------|-----------|
| Länge                             | Zähnezahl | Länge | Zähnezahl | Länge | Zähnezahl |
| 1740                              | 116       | 2805  | 187       | 4500  | 300       |
| 1965                              | 131       | 3000  | 200       | 4875  | 325       |
| 2100                              | 140       | 3225  | 215       | 5250  | 350       |
| 2250                              | 150       | 3450  | 230       | 5625  | 375       |
| 2385                              | 159       | 3675  | 245       | 6000  | 400       |
| 2520                              | 168       | 3900  | 260       |       |           |
| 2670                              | 178       | 4125  | 275       |       |           |

| BFX ATP15                        |                        | Lieferbare Längen und Ausführungen |   |
|----------------------------------|------------------------|------------------------------------|---|
| Standardlängen                   |                        | siehe Tabelle                      |   |
| Längenabstufung von Zahn zu Zahn |                        | 1500 mm bis 12000 mm               |   |
| Zwischenlängen                   |                        | ab 1500 mm                         | o |
| StandardPlus - Ausführung        |                        | 1500 mm bis 12000 mm               |   |
| Über 12000 mm                    |                        | auf Anfrage                        |   |
| Standardmaterial                 |                        | TPUSM1 <sup>1)</sup>               |   |
| Stahl-Zugträger (Standard)       |                        | x                                  |   |
| E-Zugträger                      |                        | o                                  |   |
| VA-Zugträger                     |                        | -                                  |   |
| DL                               | b <sub>max</sub> = 100 | o                                  |   |
| DR / DR-PAZ                      |                        | -                                  |   |
| T / T-PAZ                        |                        | -                                  |   |

- x lieferbar, ohne Mindestabnahmemenge bei Standardlängen
- o Mindestabnahmemenge anfragen
- nicht lieferbar
- <sup>1)</sup> weitere Materialien auf Anfrage

| BRECOFLEX® ATP15 Zahntragfähigkeit (spezifische Riemenzahnbelastbarkeit) |                              |                               |                             |                                    |                              |                               |                             |
|--|------------------------------|-------------------------------|-----------------------------|------------------------------------|------------------------------|-------------------------------|-----------------------------|
| Drehzahl<br>n [min <sup>-1</sup> ]                                       | F <sub>Uspez</sub><br>[N/cm] | M <sub>spez</sub><br>[Ncm/cm] | P <sub>spez</sub><br>[W/cm] | Drehzahl<br>n [min <sup>-1</sup> ] | F <sub>Uspez</sub><br>[N/cm] | M <sub>spez</sub><br>[Ncm/cm] | P <sub>spez</sub><br>[W/cm] |
| 0  | 143,325                      | 34,216                        | 0,000                       | 1900                               | 73,494                       | 17,545                        | 34,910                      |
| 20   | 140,945                      | 33,648                        | 0,705                       | 2000                               | 71,980                       | 17,184                        | 35,990                      |
| 40   | 138,722                      | 33,117                        | 1,387                       | 2200                               | 69,141                       | 16,506                        | 38,027                      |
| 60   | 136,637                      | 32,620                        | 2,050                       | 2400                               | 66,523                       | 15,881                        | 39,914                      |
| 80   | 134,674                      | 32,151                        | 2,693                       | 2600                               | 64,094                       | 15,301                        | 41,661                      |
| 100  | 132,818                      | 31,708                        | 3,320                       | 2800                               | 61,828                       | 14,760                        | 43,280                      |
| 150  | 128,584                      | 30,697                        | 4,822                       | 3000                               | 59,706                       | 14,254                        | 44,779                      |
| 200  | 124,832                      | 29,799                        | 6,241                       | 3200                               | 57,709                       | 13,777                        | 46,167                      |
| 300  | 118,367                      | 28,258                        | 8,877                       | 3400                               | 55,824                       | 13,327                        | 47,451                      |
| 400  | 112,952                      | 26,965                        | 11,295                      | 3600                               | 54,040                       | 12,901                        | 48,636                      |
| 500  | 108,288                      | 25,852                        | 13,536                      | 3800                               | 52,345                       | 12,496                        | 49,727                      |
| 600  | 104,193                      | 24,874                        | 15,629                      | 4000                               | 50,731                       | 12,111                        | 50,731                      |
| 700  | 100,542                      | 24,003                        | 17,595                      | 4500                               | 47,006                       | 11,222                        | 52,881                      |
| 800  | 97,249                       | 23,216                        | 19,450                      | 5000                               | 43,652                       | 10,421                        | 54,565                      |
| 900  | 94,249                       | 22,500                        | 21,206                      | 5500                               | 40,602                       | 9,693                         | 55,828                      |
| 1000   | 91,495                       | 21,843                        | 22,874                      | 6000                               | 37,806                       | 9,026                         | 56,709                      |
| 1100   | 88,949                       | 21,235                        | 24,461                      | 6500                               | 35,225                       | 8,409                         | 57,240                      |
| 1200   | 86,583                       | 20,670                        | 25,975                      | 7000                               | 32,827                       | 7,837                         | 57,447                      |
| 1300   | 84,372                       | 20,142                        | 27,421                      | 7500                               | 30,589                       | 7,303                         | 57,354                      |
| 1400   | 82,297                       | 19,647                        | 28,804                      | 8000                               | 28,490                       | 6,802                         | 56,980                      |
| 1500   | 80,343                       | 19,180                        | 30,128                      | 8500                               | 26,515                       | 6,330                         | 56,344                      |
| 1600   | 78,495                       | 18,739                        | 31,398                      | 9000                               | 24,649                       | 5,884                         | 55,460                      |
| 1700   | 76,745                       | 18,321                        | 32,616                      | 9500                               | 22,881                       | 5,462                         | 54,342                      |
| 1800   | 75,080                       | 17,924                        | 33,786                      | 10000                              | 21,201                       | 5,061                         | 53,003                      |

| BRECOFLEX® ATP15 Zulässige Zugkraft des Riemens F <sub>zul</sub> / Riemen-gewicht |                      |        |       |       |       |       |       |       |
|---|----------------------|--------|-------|-------|-------|-------|-------|-------|
| Riemenbreite  | b [mm]               | 25     | 32    | 50    | 75    | 100   | 150   |       |
| E- / Stahl-Zugträger  | F <sub>zul</sub> [N] | 4950   | 6750  | 11250 | 17550 | 23850 | 36450 |       |
| VA-Zugträger  | F <sub>zul</sub> [N] | -      | -     | -     | -     | -     | -     |       |
| Riemen-gewicht  | Standard             | [kg/m] | 0,200 | 0,256 | 0,400 | 0,600 | 0,800 | 1,200 |
|   | DL                   | [kg/m] | 0,210 | 0,272 | 0,432 | 0,654 | 0,876 | -     |

| BRECOFLEX® ATP15 Biege-willigkeit (Mindestzähnezahlen / Mindest-durchmesser) |                       |                 |     |    |   |             |     |    |   |              |    |    |   |
|--|-----------------------|-----------------|-----|----|---|-------------|-----|----|---|--------------|----|----|---|
|  |                       | Stahl-Zugträger |     |    |   | E-Zugträger |     |    |   | VA-Zugträger |    |    |   |
|  |                       | Stan-dard       | DL  | DR | T | Stan-dard   | DL  | DR | T | Stan-dard    | DL | DR | T |
| <br>Ohne Gegenbiegung  | z <sub>min</sub>      | 20              | 25  | -  | - | 18          | 20  | -  | - | -            | -  | -  | - |
|  | d <sub>min</sub> [mm] | 100             | 120 | -  | - | 80          | 100 | -  | - | -            | -  | -  | - |
| <br>Mit Gegenbiegung   | z <sub>min</sub>      | 30              | 30  | -  | - | 25          | 25  | -  | - | -            | -  | -  | - |
|  | d <sub>min</sub> [mm] | 160             | 160 | -  | - | 120         | 140 | -  | - | -            | -  | -  | - |