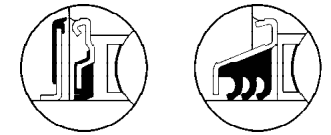
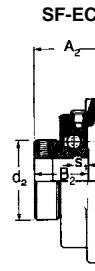
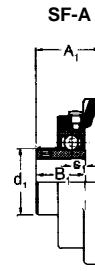
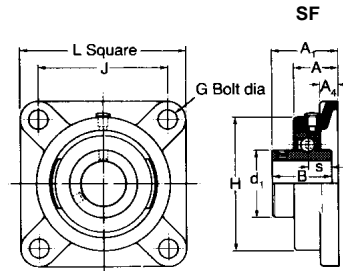


SF SERIES



Bearing inserts with flinger seals shown on pages 91 and 92 can be fitted into these housings. The unit reference has the suffix 'FS', e.g. SF7/8FS.

Triple seal bearing inserts shown on pages 88 to 90 can be fitted into these housings. The unit reference has a prefix 'T', e.g. TSF7/8.

| Shaft diameter | RHP designation | | Basic bearing insert | Casting group | Dimensions | | | | | ISO load ratings | Rec. max. speed | Mass (approx.) | | | | | | |
|----------------|-----------------|-----------|----------------------|---------------|------------|-------|-------|--------|------|------------------|-----------------|----------------|-------|--|--|--|--|--|
| | | | | | L | H | J | G | A | | | | A1 | | | | | |
| mm inches | | | | | mm inches | | | | | newtons lbf | newtons lbf | rev/min | kg lb | | | | | |
| 12 | | SF12 | SF12EC | 1017 | 1 | 76.2 | 52.50 | 54.00 | 10 | 24.6 | 32.87 | | | | | | | |
| 15 | | SF15 | SF15EC | | | 3.000 | 2.067 | 2.126 | 3/8 | .969 | 1.294 | | | | | | | |
| 16 | | SF16 | SF16EC | | | | | | | | | | | | | | | |
| 17 | | SF17 | SF17EC | | | | | | | | | | | | | | | |
| 1/2 | | SF1 1/2 | SF1 1/2 EC | | | | | | | | | | | | | | | |
| 5/8 | | SF5/8 | SF5/8 EC | | | | | | | | | | | | | | | |
| 20 | | SF20 | SF20EC | 1020 | 2 | 85.7 | 60.3 | 63.5 | 10 | 27.8 | 37.26 | | | | | | | |
| 3/4 | | SF3/4 | SF3/4 EC | | | 3.374 | 2.374 | 2.500 | 3/8 | 1.094 | 1.467 | | | | | | | |
| 25 | | SF25 | SF25EC | 1025 | 3 | 95.3 | 68.0 | 70.00 | 10 | 28.6 | 38.84 | | | | | | | |
| 7/8 | | SF7/8 | SF7/8 EC | | | 3.752 | 2.677 | 2.756 | 7/16 | 1.126 | 1.529 | | | | | | | |
| 15/16 | | SF15/16 | SF15/16 EC | | | | | | | | | | | | | | | |
| 1 | | SF1 | SF1EC | | | | | | | | | | | | | | | |
| 30 | | SF30 | SF30EC | 1030 | 4 | 108.0 | 82.6 | 82.50 | 10 | 29.8 | 42.21 | | | | | | | |
| 1 1/8 | | SF1 1/8 | SF1 1/8 EC | | | 4.252 | 3.252 | 3.248 | 7/16 | 1.173 | 1.662 | | | | | | | |
| 1 3/16 | | SF1 3/16 | SF1 3/16 EC | | | | | | | | | | | | | | | |
| 1 1/4 | | SF1 1/4 | SF1 1/4 EC | | | | | | | | | | | | | | | |
| 35 | | SF35 | SF35EC | 1035 | 5 | 117.5 | 95.3 | 92.00 | 12 | 31.4 | 46.41 | | | | | | | |
| 1 1/4 | | SF1 1/4 | SF1 1/4 EC | | | 4.626 | 3.752 | 3.622 | 1/2 | 1.236 | 1.827 | | | | | | | |
| 1 3/8 | | SF1 3/8 | SF1 3/8 EC | | | | | | | | | | | | | | | |
| 1 7/16 | | SF1 7/16 | SF1 7/16 EC | | | | | | | | | | | | | | | |
| 40 | | SF40 | SF40EC | 1040 | 6 | 130.2 | 101.6 | 101.50 | 12 | 34.9 | 54.18 | | | | | | | |
| 1 1/2 | | SF1 1/2 | SF1 1/2 EC | | | 5.126 | 4.000 | 3.996 | 1/2 | 1.374 | 2.133 | | | | | | | |
| 45 | | SF45 | SF45EC | 1045 | 7 | 136.5 | 111.1 | 105.00 | 16 | 35.3 | 54.18 | | | | | | | |
| 1 5/8 | | SF1 5/8 | SF1 5/8 EC | | | 5.374 | 4.374 | 4.134 | 5/8 | 1.390 | 2.133 | | | | | | | |
| 1 11/16 | | SF1 11/16 | SF1 11/16 EC | | | | | | | | | | | | | | | |
| 1 3/4 | | SF1 3/4 | SF1 3/4 EC | | | | | | | | | | | | | | | |
| 50 | | SF50 | SF50EC | 1050 | 8 | 142.9 | 115.9 | 111.00 | 16 | 39.7 | 60.53 | | | | | | | |
| 1 7/8 | | SF1 7/8 | SF1 7/8 EC | | | 5.626 | 4.563 | 4.370 | 5/8 | 1.563 | 2.383 | | | | | | | |
| 1 15/16 | | SF1 15/16 | SF1 15/16 EC | | | | | | | | | | | | | | | |
| 2 | | SF2 | SF2EC | | | | | | | | | | | | | | | |
| 55 | | SF55 | SF55EC | 1055 | 9 | 161.9 | 127.0 | 130.00 | 16 | 43.7 | 64.31 | | | | | | | |
| 2 | | SF2 | SF2EC | | | 6.374 | 5.000 | 5.118 | 5/8 | 1.720 | 2.532 | | | | | | | |
| 2 1/8 | | SF2 1/8 | SF2 1/8 EC | | | | | | | | | | | | | | | |
| 2 3/16 | | SF2 3/16 | SF2 3/16 EC | | | | | | | | | | | | | | | |
| 60 | | SF60 | SF60EC | 1060 | 10 | 174.5 | 138.1 | 143.00 | 16 | 47.6 | 73.69 | | | | | | | |
| 2 1/4 | | SF2 1/4 | SF2 1/4 EC | | | 6.870 | 5.437 | 5.630 | 5/8 | 1.874 | 2.901 | | | | | | | |
| 2 3/8 | | SF2 3/8 | SF2 3/8 EC | | | | | | | | | | | | | | | |
| 2 7/16 | | SF2 7/16 | SF2 7/16 EC | | | | | | | | | | | | | | | |
| 65 | | SF65R | SF65R EC | 1065 | 10/65 | 174.5 | 149.5 | 143.00 | 16 | 47.6 | 73.69 | | | | | | | |
| 2 1/2 | | SF2 1/2 | SF2 1/2 EC | | | 6.870 | 5.886 | 5.630 | 5/8 | 1.874 | 2.901 | | | | | | | |
| 65 | | SF65 | SF65EC | 1070 | 11 | 187.5 | 155.5 | 149.22 | 16 | 47.6 | 77.72 | | | | | | | |
| 70 | | SF70 | SF70EC | | | 7.382 | 6.122 | 5.875 | 5/8 | 1.874 | 3.060 | | | | | | | |
| 2 5/8 | | SF2 5/8 | SF2 5/8 EC | | | | | | | | | | | | | | | |
| 2 11/16 | | SF2 11/16 | SF2 11/16 EC | | | | | | | | | | | | | | | |
| 75 | | SF75 | SF75EC | 1075 | 12 | 196.5 | 158.5 | 152.40 | 20 | 51.3 | 80.90 | | | | | | | |
| 2 3/4 | | SF2 3/4 | SF2 3/4 EC | | | 7.736 | 6.240 | 6.000 | 3/4 | 2.020 | 3.185 | | | | | | | |
| 2 7/8 | | SF2 7/8 | SF2 7/8 EC | | | | | | | | | | | | | | | |
| 2 15/16 | | SF2 15/16 | SF2 15/16 EC | | | | | | | | | | | | | | | |
| 3 | | SF3 | SF3EC | | | | | | | | | | | | | | | |

| A2 | A3 | A4 | B | B1 | B2 | B3 | s | s1 | s2 | d1 | d2 | ISO load ratings | Rec. max. speed | Mass (approx.) | |
|-------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|--------|------------------|-----------------|----------------|------|
| 39.01 | - | 9.5 | 27.38 | - | 28.54 | - | 11.55 | 6.55 | - | 24.21 | 28.58 | 9550 | 4760 | 7000 | 0.5 |
| 1.536 | - | .374 | 1.078 | - | 1.124 | - | .455 | .258 | - | .953 | 1.125 | 2150 | 1070 | 1070 | 1.1 |
| 42.42 | 45.54 | 11.1 | 30.96 | 25.77 | 30.92 | 43.62 | 12.75 | 7.56 | 17.12 | 28.50 | 33.30 | 12800 | 6580 | 6700 | 0.7 |
| 1.670 | 1.793 | .437 | 1.219 | 1.015 | 1.217 | 1.717 | .502 | .298 | .674 | 1.122 | 1.311 | 2880 | 1480 | 1480 | 1.5 |
| 42.42 | 45.95 | 11.1 | 34.11 | 27.35 | 30.92 | 44.40 | 14.32 | 7.56 | 17.49 | 34.01 | 38.10 | 14000 | 7880 | 6250 | 1.0 |
| 1.670 | 1.809 | .437 | 1.343 | 1.077 | 1.217 | 1.748 | .564 | .298 | .689 | 1.339 | 1.500 | 3150 | 1770 | 1770 | 2.3 |
| 46.66 | 50.9 | 12.7 | 38.10 | 31.21 | 35.68 | 48.42 | 15.93 | 9.04 | 18.32 | 40.00 | 44.45 | 19500 | 11300 | 5300 | 1.3 |
| 1.837 | 1.972 | .500 | 1.500 | 1.229 | 1.405 | 1.906 | .627 | .356 | .721 | 1.575 | 1.750 | 4380 | 2540 | 2540 | 2.9 |
| 50.34 | 53.31 | 12.7 | 42.88 | 34.90 | 38.88 | 51.18 | 17.53 | 9.55 | 18.89 | 46.69 | 55.58 | 25700 | 15300 | 4500 | 1.7 |
| 1.982 | 2.099 | .500 | 1.688 | 1.374 | 1.531 | 2.015 | .690 | .376 | .744 | 1.838 | 2.188 | 5780 | 3440 | 3440 | 3.7 |
| 56.62 | 58.90 | 12.7 | 49.23 | 41.18 | 43.64 | 56.34 | 19.10 | 11.05 | 21.46 | 52.70 | 60.30 | 29100 | 17900 | 4000 | 2.2 |
| 2.229 | 2.319 | .500 | 1.938 | 1.621 | 1.718 | 2.218 | .752 | .435 | .845 | 2.075 | 2.374 | 6540 | 4020 | 4020 | 4.9 |
| 56.62 | 58.90 | 14.3 | 49.23 | 41.18 | 43.64 | 56.34 | 19.10 | 11.05 | 21.46 | 57.30 | 63.50 | 32500 | 20500 | 3700 | 2.6 |
| 2.229 | 2.319 | .563 | 1.938 | 1.621 | 1.718 | 2.218 | .752 | .435 | .845 | 2.256 | 2.500 | 7310 | 4610 | 4610 | 5.7 |
| 60.60 | 66.07 | 14.3 | 51.59 | 43.54 | 43.64 | 62.70 | 19.10 | 11.05 | 24.65 | 62.20 | 69.85 | 35000 | 23200 | 3400 | 2.8 |
| 2.386 | 2.601 | .563 | 2.031 | 1.714 | 1.718 | 2.469 | .752 | .435 | .970 | 2.449 | 2.750 | 7870 | 5220 | 5220 | 6.2 |
| - | 74.57 | 17.5 | 55.55 | - | - | 71.44 | 22.28 | - | 27.82 | 68.81 | 76.20 | 43500 | 29200 | 3100 | 4.0 |
| - | 2.936 | .689 | 2.187 | - | - | 2.813 | .877 | - | 1.095 | 2.709 | 3.000 | 9780 | 6560 | 6560 | 8.8 |
| - | 80.77 | 17.5 | 65.07 | - | - | 77.82 | 25.45 | - | 31.02 | 75.34 | 84.12 | 52500 | 35900 | 2800 | 4.7 |
| - | 3.180 | .689 | 2.562 | - | - | 3.064 | 1.002 | - | 1.221 | 2.966 | 3.312 | 11800 | 8070 | 8070 | 10.3 |
| - | 80.77 | 18.0 | 65.07 | - | - | 77.82 | 25.45 | - | 31.02 | 82.40 | 87.33 | 57500 | 40000 | 2600 | 2.7 |
| - | 3.180 | .709 | 2.562 | - | - | 3.064 | 1.002 | - | 1.221 | 3.244 | 3.438 | 12930 | 8990 | 8990 | 10.3 |
| - | 84.86 | 18.0 | 74.63 | - | - | 85.36 | 30.23 | - | 34.19 | 87.00 | 96.82 | 62000 | 44000 | 2450 | 6.8 |
| - | 3.341 | .709 | 2.938 | - | - | 3.361 | 1.190 | - | 1.346 | 3.425 | 3.812 | 13940 | 9890 | 9890 | 15.0 |
| - | 91.21 | 23.0 | 77.77 | - | - | 91.72 | 33.37 | - | 37.37 | 92.00 | 101.60 | 66000 | 49300 | 2300 | 8.6 |
| - | 3.591 | .906 | 3.062 | - | - | 3.611 | 1.314 | - | 1.471 | 3.622 | 4.000 | 14840 | 11080 | 11080 | 19.0 |

Please check availability