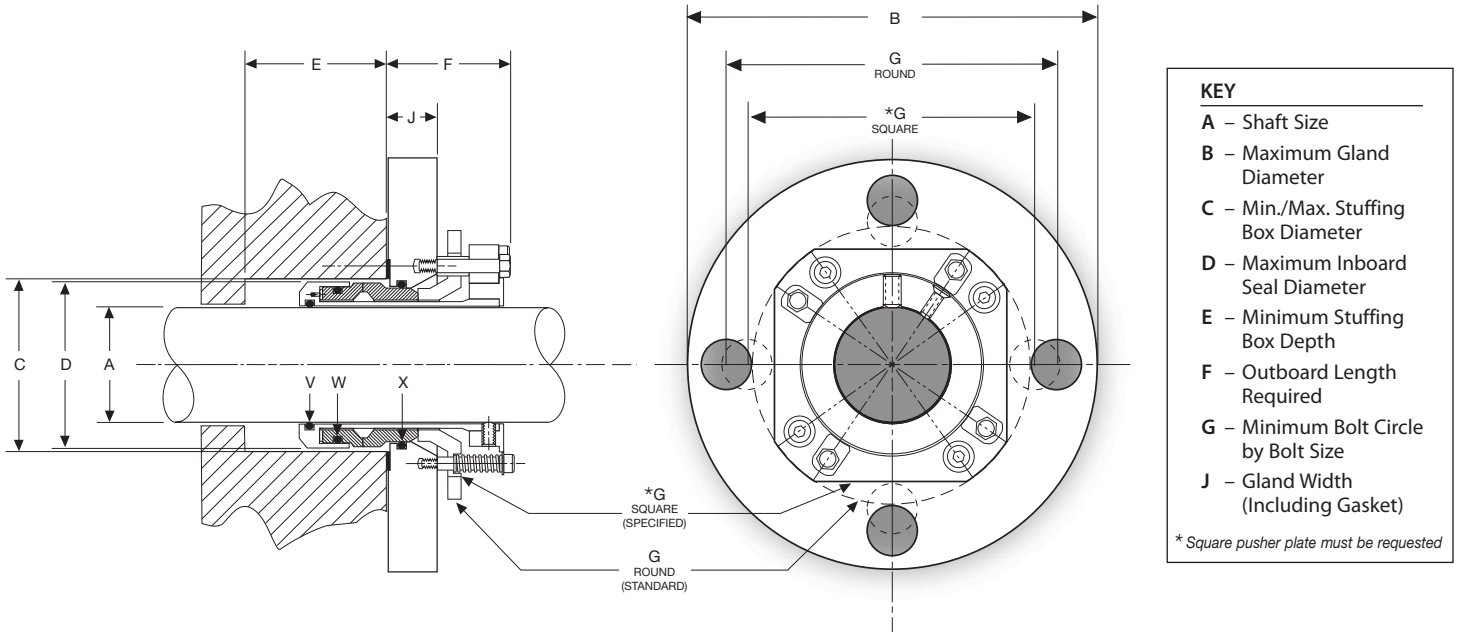


170 Slurry Single Cartridge Seal



DIMENSIONAL DATA (METRIC)

| SHAFT SIZE A | GLAND OD B | STUFFING | | SB DEPTH E | OB LENGTH F | GLAND WIDTH J | BOLT CIRCLE BY BOLT SIZE | | | | | | | | O-RINGS | | | | | |
|-----------------|---------------|---------------|------------------|---------------|----------------|------------------|--------------------------|-------------------|--------------------|-------------------|--------------------|-------------------|--------------------|-------------------|------------|-------------|-----------------|-------|-------|-------|
| | | BOX BORE C | IB SEAL DIA D | | | | SQUARE PUSHER G | ROUND PUSHER G | SQUARE PUSHER G | ROUND PUSHER G | SQUARE PUSHER G | ROUND PUSHER G | SQUARE PUSHER G | ROUND PUSHER G | SHAFT V | ROTARY W | STATIONARY X | | | |
| | MAX | MIN | MAX | MIN | MAX | MAX | G MIN | | | | | | | | | | | | | |
| | | | | | | | 10 mm | 10 mm | 12 mm | 12 mm | 16 mm | 16 mm | | | | | | | | |
| 38 mm | 139.2 | 62.8 | 60.1 | 34.1 | 49.5 | 22.4 | 99.4 | 118.5 | 102.8 | 122.0 | | | | | | | 128.0 | 139.0 | 227.0 | |
| 40 mm | 151.9 | 64.7 | 62.0 | 34.1 | 49.5 | 22.4 | 101.3 | 120.4 | 104.7 | 123.9 | | | | | | | 129.0 | 140.0 | 228.0 | |
| 43 mm | 151.9 | 67.7 | 65.0 | 34.1 | 49.5 | 22.4 | 104.3 | 123.4 | 107.7 | 126.9 | | | | | | | 131.0 | 142.0 | 229.0 | |
| 45 mm | 164.6 | 69.7 | 67.0 | 34.1 | 49.5 | 22.4 | 106.3 | 125.4 | 109.7 | 128.9 | | | | | | | 133.0 | 144.0 | 229.0 | |
| 48 mm | 164.6 | 72.7 | 70.0 | 34.1 | 49.5 | 22.4 | 109.3 | 128.4 | 112.7 | 131.9 | | | | | | | 136.0 | 146.0 | 230.0 | |
| 50 mm | 164.6 | 74.8 | 72.0 | 34.1 | 49.5 | 22.4 | 111.3 | 130.5 | 114.7 | 133.9 | | | | | | | 136.0 | 147.0 | 231.0 | |
| 55 mm | 177.3 | 79.7 | 77.0 | 34.1 | 49.5 | 22.4 | 116.3 | 135.4 | 119.7 | 138.9 | 126.6 | 145.8 | | | | | 139.0 | 150.0 | 232.0 | |
| 60 mm | 177.3 | 85.1 | 82.3 | 34.1 | 49.5 | 22.4 | 121.6 | 140.8 | 125.0 | 144.2 | 132.0 | 151.2 | | | | | 142.0 | 152.0 | 234.0 | |
| | | | | | | | 12 mm | 12 mm | 16 mm | 16 mm | 20 mm | 20 mm | 24 mm | 24 mm | 30 mm | 30 mm | | | | |
| 65 mm | 206.0 | 97.8 | 93.8 | 43.7 | 64.0 | 29.7 | 141.0 | 170.3 | 148.0 | 177.2 | | | | | | | 231.0 | 236.0 | 237.0 | |
| 70 mm | 209.3 | 101.2 | 97.1 | 43.7 | 64.0 | 29.7 | 144.4 | 173.6 | 151.3 | 180.5 | | | | | | | 232.0 | 237.0 | 238.0 | |
| 75 mm | 215.5 | 107.4 | 103.3 | 43.7 | 64.0 | 29.7 | 150.6 | 179.8 | 157.5 | 186.7 | | | | | | | 234.0 | 239.0 | 240.0 | |
| 80 mm | 219.3 | 111.2 | 107.1 | 43.7 | 64.0 | 29.7 | 154.4 | 183.6 | 161.3 | 190.5 | | | | | | | 235.0 | 240.0 | 242.0 | |
| 85 mm | 225.0 | 116.9 | 112.8 | 43.7 | 64.0 | 29.7 | 160.1 | 189.3 | 167.0 | 196.2 | 174.0 | 203.2 | | | | | 237.0 | 242.0 | 243.0 | |
| 90 mm | 229.3 | 121.2 | 117.1 | 43.7 | 64.0 | 29.7 | 164.4 | 193.6 | 171.3 | 200.5 | 178.3 | 207.5 | | | | | 239.0 | 243.0 | 245.0 | |
| 95 mm | 234.6 | 126.4 | 122.4 | 43.7 | 64.0 | 29.7 | 169.6 | 198.8 | 176.6 | 205.8 | 183.5 | 212.7 | | | | | 240.0 | 245.0 | 246.0 | |
| 100 mm | 234.3 | 147.3 | 141.8 | 43.7 | 76.8 | 36.6 | 176.0 | 212.3 | 182.9 | 219.2 | 189.9 | 226.2 | | | | | 345.0 | 351.0 | 353.0 | |
| 110 mm | 243.8 | 156.8 | 151.3 | 43.7 | 76.8 | 36.6 | 185.5 | 221.8 | 192.4 | 228.8 | 199.4 | 235.7 | | | | | 348.0 | 364.0 | 356.0 | |
| 120 mm | 253.4 | 166.3 | 160.8 | 61.7 | 76.8 | 36.6 | 195.0 | 231.3 | 202.0 | 238.3 | 208.9 | 245.2 | 215.8 | 252.1 | 227.4 | 263.7 | 351.0 | 357.0 | 359.0 | |
| 130 mm | 266.1 | 179.0 | 173.5 | 61.7 | 76.8 | 36.6 | | | | 214.7 | 251.0 | 221.6 | 257.9 | 228.5 | 264.8 | 240.1 | 276.4 | 353.0 | 360.0 | 362.0 |
| 140 mm | 272.7 | 185.7 | 180.2 | 61.7 | 76.8 | 36.6 | | | | 221.3 | 257.6 | 228.3 | 264.6 | 235.2 | 271.5 | 246.7 | 283.0 | 357.0 | 362.0 | 363.0 |
| 145 mm | 278.8 | 191.7 | 186.2 | 61.7 | 76.8 | 36.6 | | | | 227.4 | 263.7 | 234.3 | 270.6 | 241.2 | 277.5 | 252.8 | 289.1 | 359.0 | 363.0 | 364.0 |
| 150 mm | 285.1 | 198.1 | 192.6 | 61.7 | 76.8 | 36.6 | | | | 233.7 | 270.0 | 240.7 | 277.0 | 247.6 | 283.9 | 259.1 | 295.4 | 361.0 | 364.0 | 365.0 |
| 160 mm | 292.7 | 205.7 | 200.2 | 61.7 | 76.8 | 36.6 | | | | 241.3 | 277.6 | 248.3 | 284.6 | 237.6 | 255.2 | 303.0 | 266.7 | 363.0 | 365.0 | 367.0 |
| 170 mm | 304.2 | 217.1 | 211.6 | 61.7 | 76.8 | 36.6 | | | | 252.8 | 289.1 | 259.7 | 296.0 | 249.0 | 266.6 | 314.5 | 278.2 | 364.0 | 367.0 | 368.0 |
| 180 mm | 312.7 | 225.7 | 220.2 | 61.7 | 76.8 | 36.6 | | | | 261.3 | 297.6 | 268.3 | 304.6 | 257.6 | 275.2 | 323.0 | 286.7 | 365.0 | 368.0 | 370.0 |

DIMENSIONAL DATA (INCHES)

| SHAFT SIZE A | GLAND OD B | STUFFING BOX BORE C | IB SEAL DIA D | O-RINGS | | GLAND WIDTH J | BOLT CIRCLE BY | | | | | | | | BOLT SIZE | | | | |
|--------------------|------------------|------------------------------|---------------------|------------------|-------------------|---------------------|-----------------------|----------------------|-----------------------|----------------------|-----------------------|----------------------|-----------------------|----------------------|--------------------|-------------|-----------------|-----|-----|
| | | | | SB DEPTH E | OB LENGTH F | | SQUARE PUSHER G | ROUND PUSHER G | SQUARE PUSHER G | ROUND PUSHER G | SQUARE PUSHER G | ROUND PUSHER G | SQUARE PUSHER G | ROUND PUSHER G | SHAFT V | ROTARY W | STATIONARY X | | |
| | | | | MAX | MIN | | MAX | MIN | MAX | MAX | G MIN | | | | G MIN SEE BELOW | | | | |
| 1.500 | 5.48 | 2.47 | 2.37 | 1.34 | 1.95 | 0.88 | 3.88 | 4.64 | 4.10 | 4.85 | | | | | | | 128 | 139 | 227 |
| 1.625 | 5.98 | 2.60 | 2.49 | 1.34 | 1.95 | 0.88 | 3.96 | 4.71 | 4.17 | 4.93 | | | | | | | 130 | 141 | 228 |
| 1.750 | 6.48 | 2.72 | 2.62 | 1.34 | 1.95 | 0.88 | 4.01 | 4.76 | 4.22 | 4.98 | | | | | | | 132 | 143 | 229 |
| 1.875 | 6.48 | 2.85 | 2.74 | 1.34 | 1.95 | 0.88 | 4.07 | 4.83 | 4.29 | 5.04 | | | | | | | 134 | 145 | 230 |
| 2.000 | 6.48 | 2.97 | 2.87 | 1.34 | 1.95 | 0.88 | 4.13 | 4.89 | 4.35 | 5.10 | | | | | | | 137 | 148 | 231 |
| 2.125 | 6.98 | 3.10 | 2.99 | 1.34 | 1.95 | 0.88 | 4.15 | 4.91 | 4.37 | 5.12 | 4.94 | 5.69 | | | | | 138 | 149 | 232 |
| 2.250 | 6.98 | 3.22 | 3.12 | 1.34 | 1.95 | 0.88 | 4.26 | 5.01 | 4.47 | 5.23 | 4.98 | 5.73 | | | | | 140 | 151 | 233 |
| 2.375 | 6.98 | 3.35 | 3.24 | 1.34 | 1.95 | 0.88 | 4.27 | 5.03 | 4.49 | 5.24 | 5.06 | 5.82 | | | | | 144 | 152 | 234 |
| 2.500 | 7.48 | 3.47 | 3.37 | 1.34 | 1.95 | 0.88 | 4.35 | 5.10 | 4.57 | 5.32 | 5.19 | 5.94 | | | | | 145 | 152 | 234 |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | 1/2" | 1/2" | 5/8" | 5/8" | 3/4" | 3/4" | 7/8" | 7/8" | | | | |
| 2.625 | 8.11 | 3.85 | 3.69 | 1.72 | 2.52 | 1.17 | 5.60 | 6.75 | 5.82 | 6.97 | | | | | | | 231 | 236 | 237 |
| 2.750 | 8.24 | 3.98 | 3.82 | 1.72 | 2.52 | 1.17 | 5.73 | 6.88 | 5.95 | 7.10 | | | | | | | 232 | 237 | 238 |
| 2.875 | 8.36 | 4.10 | 3.94 | 1.72 | 2.52 | 1.17 | 5.85 | 7.00 | 6.07 | 7.22 | | | | | | | 233 | 238 | 239 |
| 3.000 | 8.49 | 4.23 | 4.07 | 1.72 | 2.52 | 1.17 | 5.98 | 7.13 | 6.19 | 7.34 | | | | | | | 234 | 239 | 240 |
| 3.125 | 8.61 | 4.35 | 4.19 | 1.72 | 2.52 | 1.17 | 6.10 | 7.25 | 6.32 | 7.47 | 5.99 | 7.14 | 6.11 | 7.26 | | | 235 | 240 | 241 |
| 3.250 | 8.74 | 4.48 | 4.32 | 1.72 | 2.52 | 1.17 | 6.23 | 7.38 | 6.44 | 7.59 | 6.11 | 7.26 | 6.24 | 7.39 | | | 236 | 241 | 242 |
| 3.375 | 8.86 | 4.60 | 4.44 | 1.72 | 2.52 | 1.17 | 6.35 | 7.50 | 6.57 | 7.72 | 6.24 | 7.39 | 6.36 | 7.51 | | | 237 | 242 | 243 |
| 3.500 | 8.99 | 4.73 | 4.57 | 1.72 | 2.52 | 1.17 | 6.48 | 7.63 | 6.69 | 7.84 | 6.36 | 7.51 | 6.49 | 7.64 | | | 238 | 243 | 244 |
| 3.625 | 9.11 | 4.85 | 4.69 | 1.72 | 2.52 | 1.17 | 6.60 | 7.75 | 6.82 | 7.97 | 6.49 | 7.64 | 6.61 | 7.76 | | | 329 | 244 | 246 |
| 3.750 | 9.24 | 4.98 | 4.82 | 1.72 | 2.52 | 1.17 | 6.73 | 7.88 | 6.94 | 8.09 | 6.61 | 7.76 | 6.74 | 7.89 | | | 240 | 245 | 246 |
| 3.875 | 9.36 | 5.10 | 4.94 | 1.72 | 2.52 | 1.17 | 6.85 | 8.00 | 7.07 | 8.22 | 6.74 | 7.89 | 6.86 | 8.01 | | | 241 | 246 | 247 |
| 4.000 | 9.23 | 5.80 | 5.58 | 2.43 | 3.05 | 1.44 | 6.98 | 8.41 | 7.19 | 8.62 | 7.41 | 8.84 | 7.63 | 9.06 | | | 345 | 351 | 353 |
| 4.125 | 9.35 | 5.92 | 5.71 | 2.43 | 3.05 | 1.44 | 7.10 | 8.53 | 7.32 | 8.75 | 7.53 | 8.96 | 7.75 | 9.18 | | | 346 | 352 | 354 |
| 4.250 | 9.48 | 6.05 | 5.83 | 2.43 | 3.05 | 1.44 | 7.23 | 8.66 | 7.44 | 8.87 | 7.66 | 9.09 | 7.88 | 9.31 | | | 347 | 353 | 355 |
| 4.375 | 9.60 | 6.17 | 5.96 | 2.43 | 3.05 | 1.44 | 7.35 | 8.78 | 7.57 | 9.00 | 7.78 | 9.21 | 8.00 | 9.43 | | | 348 | 364 | 357 |
| 4.500 | 9.73 | 6.30 | 6.08 | 2.43 | 3.05 | 1.44 | 7.48 | 8.91 | 7.69 | 9.12 | 7.91 | 9.34 | 8.13 | 9.56 | | | 349 | 355 | 357 |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | 3/4" | 3/4" | 7/8" | 7/8" | 1" | 1" | 1 1/8" | 1 1/8" | | | | |
| 4.625 | 9.85 | 6.42 | 6.21 | 2.43 | 3.05 | 1.44 | 8.03 | 9.46 | 8.25 | 9.68 | | | | | | | 350 | 356 | 358 |
| 4.750 | 9.98 | 6.55 | 6.33 | 2.43 | 3.05 | 1.44 | 7.61 | 9.04 | 7.74 | 9.17 | 8.59 | 10.02 | 8.72 | 10.15 | | | 351 | 357 | 359 |
| 5.000 | 10.23 | 6.80 | 6.58 | 2.43 | 3.05 | 1.44 | 8.41 | 9.84 | 8.63 | 10.06 | 8.84 | 10.27 | 8.97 | 10.40 | | | 353 | 359 | 361 |
| 5.250 | 10.48 | 7.05 | 6.83 | 2.43 | 3.05 | 1.44 | 8.66 | 10.09 | 8.88 | 10.31 | 9.09 | 10.52 | 9.22 | 10.65 | | | 355 | 360 | 362 |
| 5.500 | 10.74 | 7.31 | 7.09 | 2.43 | 3.05 | 1.44 | 8.92 | 10.35 | 9.14 | 10.57 | 9.35 | 10.78 | 9.48 | 10.91 | | | 357 | 362 | 363 |
| 5.750 | 10.98 | 7.55 | 7.33 | 2.43 | 3.05 | 1.44 | | | 8.74 | 10.17 | 9.59 | 11.02 | 9.72 | 11.15 | | | 359 | 363 | 364 |
| 6.000 | 11.23 | 7.80 | 7.58 | 2.43 | 3.05 | 1.44 | | | 8.99 | 10.42 | 9.84 | 11.27 | 9.97 | 11.40 | | | 361 | 364 | 365 |
| 6.250 | 11.52 | 8.10 | 7.88 | 2.43 | 3.05 | 1.44 | | | 9.93 | 11.36 | 10.14 | 11.57 | 10.27 | 11.70 | | | 362 | 365 | 367 |
| 6.500 | 11.73 | 8.30 | 8.08 | 2.43 | 3.05 | 1.44 | | | 10.13 | 11.56 | 10.34 | 11.77 | 10.47 | 11.90 | | | 363 | 366 | 367 |
| 6.750 | 11.98 | 8.55 | 8.33 | 2.43 | 3.05 | 1.44 | | | 10.38 | 11.81 | 10.59 | 12.02 | 10.72 | 12.15 | | | 364 | 367 | 368 |
| 7.000 | 12.31 | 8.89 | 8.67 | 2.43 | 3.05 | 1.44 | | | 10.07 | 11.50 | 10.93 | 12.36 | 11.06 | 12.49 | | | 364 | 368 | 370 |
| 7.125 | 12.31 | 8.89 | 8.67 | 2.43 | 3.05 | 1.44 | | | 10.07 | 11.50 | 10.93 | 12.36 | 11.06 | 12.49 | | | 364 | 368 | 370 |

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FORM NO. EN88843 PART B

PRINTED IN USA 12/08