|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Fault Diameter** | **Motor Load (HP)** | **Approx. Motor Speed (rpm)** | **Inner Race** | **Ball** | **Outer Race  Position Relative to Load Zone** **(Load Zone Centered at 6:00)** | | |
|  |  |  |  |  | **Centered @6:00** | **Orthogonal @3:00** | **Opposite @12:00** |
| 0.007" | 0 | 1797 | [IR007\_0](https://engineering.case.edu/sites/default/files/105.mat)  105 | [B007\_0](https://engineering.case.edu/sites/default/files/118.mat)  118 | [OR007@6\_0](https://engineering.case.edu/sites/default/files/130.mat)  130 | [OR007@3\_0](https://engineering.case.edu/sites/default/files/144.mat)  144 | [OR007@12\_0](https://engineering.case.edu/sites/default/files/156.mat)  156 |
|  | 1 | 1772 | [IR007\_1](https://engineering.case.edu/sites/default/files/106.mat)  106 | [B007\_1](https://engineering.case.edu/sites/default/files/119.mat)  119 | [OR007@6\_1](https://engineering.case.edu/sites/default/files/131.mat) | [OR007@3\_1](https://engineering.case.edu/sites/default/files/145.mat) | [OR007@12\_1](https://engineering.case.edu/sites/default/files/158.mat) |
|  | 2 | 1750 | [IR007\_2](https://engineering.case.edu/sites/default/files/107.mat)  107 | [B007\_2](https://engineering.case.edu/sites/default/files/120.mat)  120 | [OR007@6\_2](https://engineering.case.edu/sites/default/files/132.mat) | [OR007@3\_2](https://engineering.case.edu/sites/default/files/146.mat) | [OR007@12\_2](https://engineering.case.edu/sites/default/files/159.mat) |
|  | 3 | 1730 | [IR007\_3](https://engineering.case.edu/sites/default/files/108.mat)  108 | [B007\_3](https://engineering.case.edu/sites/default/files/121.mat)  121 | [OR007@6\_3](https://engineering.case.edu/sites/default/files/133.mat) | [OR007@3\_3](https://engineering.case.edu/sites/default/files/147.mat) | [OR007@12\_3](https://engineering.case.edu/sites/default/files/160.mat) |
| 0.014" | 0 | 1797 | [IR014\_0](https://engineering.case.edu/sites/default/files/169.mat)  169 | [B014\_0](https://engineering.case.edu/sites/default/files/185.mat)  185 | [OR014@6\_0](https://engineering.case.edu/sites/default/files/197.mat) | \* | \* |
|  | 1 | 1772 | [IR014\_1](https://engineering.case.edu/sites/default/files/170.mat)  170 | [B014\_1](https://engineering.case.edu/sites/default/files/186.mat)  186 | [OR014@6\_1](https://engineering.case.edu/sites/default/files/198.mat) | \* | \* |
|  | 2 | 1750 | [IR014\_2](https://engineering.case.edu/sites/default/files/171.mat)  171 | [B014\_2](https://engineering.case.edu/sites/default/files/187.mat)  187 | [OR014@6\_2](https://engineering.case.edu/sites/default/files/199.mat) | \* | \* |
|  | 3 | 1730 | [IR014\_3](https://engineering.case.edu/sites/default/files/172.mat)  172 | [B014\_3](https://engineering.case.edu/sites/default/files/188.mat)  188 | [OR014@6\_3](https://engineering.case.edu/sites/default/files/200.mat) | \* | \* |
| 0.021" | 0 | 1797 | [IR021\_0](https://engineering.case.edu/sites/default/files/209.mat)  209 | [B021\_0](https://engineering.case.edu/sites/default/files/222.mat)  222 | [OR021@6\_0](https://engineering.case.edu/sites/default/files/234.mat) | [OR021@3\_0](https://engineering.case.edu/sites/default/files/246.mat) | [OR021@12\_0](https://engineering.case.edu/sites/default/files/258.mat) |
|  | 1 | 1772 | [IR021\_1](https://engineering.case.edu/sites/default/files/210.mat)  210 | [B021\_1](https://engineering.case.edu/sites/default/files/223.mat)  223 | [OR021@6\_1](https://engineering.case.edu/sites/default/files/235.mat) | [OR021@3\_1](https://engineering.case.edu/sites/default/files/247.mat) | [OR021@12\_1](https://engineering.case.edu/sites/default/files/259.mat) |
|  | 2 | 1750 | [IR021\_2](https://engineering.case.edu/sites/default/files/211.mat)  211 | [B021\_2](https://engineering.case.edu/sites/default/files/224.mat)  224 | [OR021@6\_2](https://engineering.case.edu/sites/default/files/236.mat) | [OR021@3\_2](https://engineering.case.edu/sites/default/files/248.mat) | [OR021@12\_2](https://engineering.case.edu/sites/default/files/260.mat) |
|  | 3 | 1730 | [IR021\_3](https://engineering.case.edu/sites/default/files/212.mat)  212 | [B021\_3](https://engineering.case.edu/sites/default/files/225.mat)  225 | [OR021@6\_3](https://engineering.case.edu/sites/default/files/237.mat) | [OR021@3\_3](https://engineering.case.edu/sites/default/files/249.mat) | [OR021@12\_3](https://engineering.case.edu/sites/default/files/261.mat) |
| 0.028" | 0 | 1797 | [IR028\_0](https://engineering.case.edu/sites/default/files/3001.mat)  3001 | [B028\_0](https://engineering.case.edu/sites/default/files/3005.mat)  3005 | \* | \* | \* |
|  | 1 | 1772 | [IR028\_1](https://engineering.case.edu/sites/default/files/3002.mat)  3002 | [B028\_1](https://engineering.case.edu/sites/default/files/3006.mat)  3006 | \* | \* | \* |
|  | 2 | 1750 | [IR028\_2](https://engineering.case.edu/sites/default/files/3003.mat)  3003 | [B028\_2](https://engineering.case.edu/sites/default/files/3007.mat)  3007 | \* | \* | \* |
|  | 3 | 1730 | [IR028\_3](https://engineering.case.edu/sites/default/files/3004.mat)  3004 | [B028\_3](https://engineering.case.edu/sites/default/files/3008.mat)  3008 | \* | \* | \* |