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| Sl. No. | Parameters | Range | Type (e.g. integer, real, etc.) | Other information |
| 1 | Pole pair number (p) | [20,..,80] | integer |  |
| 2 | Desired linear current density | [35000,…,65000] | real |  |
| 3 | Desired current density | [2000000,…,6000000] | real |  |
| 4 | Air-gap | [0.001,…,0.05] | real |  |
| 5 | Rotor outer dia/stack length | [0.8,…,5] | real |  |
| 6 | Relative magnet width | [0.6,…,0.95] | real |  |
| 7 | Tangential stress | [21000,…,48000] | real |  |
| 8 | Rotor yoke flux density | [1.3,…,1.6] | real |  |
| 9 | Number of slots per pole per phase | [1,…, 3] | integer |  |
| 10 | Relative stator outer diamter | [0.8,…,0.99] | real |  |
| 11 | Relative slot opening | [0.25,…,0.75] | real |  |
| 12 | Relative slot width 2 | [0.75,…,0.95] | real |  |
| 13 | Relative slot height 1 | [0.01,…,0.1] | real |  |
| 14 | Relative slot height 2 | [0.01,…,0.1] | real |  |