

YJZ2 Series Machine Tool Three Phase Induction Motors



Frame sizes: **80 ~ 355**

Output: **0.18 ~375kW**

Duty cycle: **S1**

Insulation class: **F**

Applications: Ideal for driving a wide variety of machine tools whose requirements are low noise and small vibration.

Features: Low noise, little vibration, F insulation class, IP54 protection class.

Circumstance: Altitude not exceeds 1000m above sea level. Ambient temperature shall be not higher than +40°C nor

lower than -15°C.

Performance Data

380V 50Hz

| Model | Output kW | FLA | RPM, | Eff. % | Power Factor | dB(A) | Vibration n mm/s | $\frac{LRT}{FLT} \frac{Tst}{TN}$ | $\frac{LRA}{FLA} \frac{Ist}{IN}$ | $\frac{BDT}{FLT} \frac{Tmax}{TN}$ |
|-------------------|-----------|------|------|--------|--------------|-------|------------------|----------------------------------|----------------------------------|-----------------------------------|
| Synchronous speed | | | | | | | 3000 r/min | | | |
| YJZ2-80M1-2 | 0.75 | 1.8 | 2855 | 77.4 | 0.82 | 59 | 0.7 | 2.2 | 7.0 | 2.3 |
| YJZ2-80M2-2 | 1.1 | 2.5 | 2870 | 79.6 | 0.83 | 59 | 0.7 | 2.2 | 7.3 | 2.3 |
| YJZ2-90S-2 | 1.5 | 3.3 | 2865 | 81.3 | 0.84 | 64 | 0.7 | 2.2 | 7.6 | 2.3 |
| YJZ2-90L-2 | 2.2 | 4.7 | 2870 | 83.2 | 0.85 | 64 | 0.7 | 2.2 | 7.6 | 2.3 |
| YJZ2-100L-2 | 3 | 6.2 | 2875 | 84.6 | 0.87 | 71 | 0.7 | 2.2 | 7.8 | 2.3 |
| YJZ2-112M-2 | 4 | 8.0 | 2910 | 85.8 | 0.88 | 74 | 0.7 | 2.2 | 8.3 | 2.3 |
| YJZ2-132S1-2 | 5.5 | 10.9 | 2935 | 87.0 | 0.88 | 76 | 0.7 | 2.0 | 8.3 | 2.3 |
| YJZ2-132S2-2 | 7.5 | 14.5 | 2930 | 88.1 | 0.89 | 76 | 0.7 | 2.0 | 7.9 | 2.3 |
| YJZ2-160M1-2 | 11 | 21.0 | 2950 | 89.4 | 0.89 | 78 | 1.1 | 2.0 | 8.1 | 2.3 |
| YJZ2-160M2-2 | 15 | 28.4 | 2945 | 90.3 | 0.89 | 78 | 1.1 | 2.0 | 8.1 | 2.3 |
| YJZ2-160L-2 | 18.5 | 34.7 | 2945 | 90.9 | 0.89 | 78 | 1.1 | 2.0 | 8.2 | 2.3 |
| YJZ2-180M-2 | 22 | 41.1 | 2950 | 91.3 | 0.89 | 80 | 1.1 | 2.0 | 8.2 | 2.3 |
| YJZ2-200L1-2 | 30 | 55.7 | 2960 | 92.0 | 0.89 | 81 | 1.1 | 2.0 | 7.6 | 2.3 |
| YJZ2-200L2-2 | 37 | 68.3 | 2960 | 92.5 | 0.89 | 81 | 1.1 | 2.0 | 7.6 | 2.3 |
| YJZ2-225M-2 | 45 | 82.7 | 2965 | 92.9 | 0.89 | 83 | 1.1 | 2.0 | 7.7 | 2.3 |
| YJZ2-250M-2 | 55 | 101 | 2970 | 93.2 | 0.89 | 86 | 1.1 | 2.0 | 7.1 | 2.3 |
| YJZ2-280S-2 | 75 | 137 | 2975 | 93.8 | 0.89 | 89 | 1.1 | 1.8 | 7.1 | 2.3 |
| YJZ2-280M-2 | 90 | 163 | 2970 | 94.1 | 0.89 | 89 | 1.1 | 1.8 | 7.1 | 2.3 |
| YJZ2-315S-2 | 110 | 197 | 2975 | 94.3 | 0.90 | 90 | 1.8 | 1.8 | 7.1 | 2.3 |
| YJZ2-315M-2 | 132 | 236 | 2975 | 94.6 | 0.90 | 90 | 1.8 | 1.8 | 7.1 | 2.3 |
| YJZ2-315L1-2 | 160 | 282 | 2975 | 94.8 | 0.91 | 90 | 1.8 | 1.8 | 7.2 | 2.3 |
| YJZ2-315L-2 | 185 | 325 | 2975 | 94.9 | 0.91 | 90 | 1.8 | 1.8 | 7.2 | 2.3 |
| YJZ2-315L2-2 | 200 | 352 | 2975 | 95.0 | 0.91 | 90 | 1.8 | 1.8 | 7.2 | 2.2 |

Performance Data

380V 50Hz

| Model | Output kW | FLA | RPM, | Eff. % | Power Factor | dB(A) | Vibration n mm/s | $\frac{LRT}{FLT}$ $\frac{Tst}{T_N}$ | $\frac{LRA}{FLA}$ $\frac{Ist}{I_N}$ | $\frac{BDT}{FLT}$ $\frac{Tmax}{T_N}$ |
|------------------------------|-----------|------|------|--------|--------------|-------|---------------------|--|--|---|
| Synchronous speed 3000 r/min | | | | | | | | | | |
| YJZ2-315L3-2 | 220 | 387 | 2975 | 95.0 | 0.91 | 90 | 1.8 | 1.8 | 7.2 | 2.2 |
| YJZ2-355M1-2 | 220 | 387 | 2980 | 95.0 | 0.91 | 98 | 1.8 | 1.8 | 7.2 | 2.2 |
| YJZ2-355M-2 | 250 | 439 | 2980 | 95.0 | 0.91 | 98 | 1.8 | 1.6 | 7.2 | 2.2 |
| YJZ2-355L1-2 | 280 | 492 | 2980 | 95.0 | 0.91 | 98 | 1.8 | 1.6 | 7.2 | 2.2 |
| YJZ2-355L-2 | 315 | 554 | 2980 | 95.0 | 0.91 | 98 | 1.8 | 1.6 | 7.2 | 2.2 |
| YJZ2-355L2-2 | 355 | 624 | 2980 | 95.0 | 0.91 | 102 | 1.8 | 1.6 | 7.2 | 2.2 |
| YJZ2-355L3-2 | 375 | 659 | 2980 | 95.0 | 0.91 | 102 | 1.8 | 1.6 | 7.2 | 2.2 |
| Synchronous speed 1500 r/min | | | | | | | | | | |
| YJZ2-80M1-4 | 0.55 | 1.4 | 1430 | 79.0 | 0.75 | 53 | 0.7 | 2.3 | 6.0 | 2.3 |
| YJZ2-80M2-4 | 0.75 | 1.9 | 1425 | 79.6 | 0.76 | 53 | 0.7 | 2.3 | 6.6 | 2.3 |
| YJZ2-90S-4 | 1.1 | 2.7 | 1420 | 81.4 | 0.77 | 56 | 0.7 | 2.3 | 6.8 | 2.3 |
| YJZ2-90L-4 | 1.5 | 3.5 | 1420 | 82.8 | 0.78 | 56 | 0.7 | 2.3 | 7.0 | 2.3 |
| YJZ2-100L1-4 | 2.2 | 5.0 | 1430 | 84.3 | 0.80 | 61 | 0.7 | 2.3 | 7.6 | 2.3 |
| YJZ2-100L2-4 | 3 | 6.6 | 1430 | 85.5 | 0.81 | 61 | 0.7 | 2.3 | 7.6 | 2.3 |
| YJZ2-112M-4 | 4 | 8.7 | 1450 | 86.6 | 0.81 | 62 | 0.7 | 2.2 | 7.8 | 2.3 |
| YJZ2-132S-4 | 5.5 | 11.6 | 1465 | 87.7 | 0.82 | 68 | 0.7 | 2.0 | 7.9 | 2.3 |
| YJZ2-132M-4 | 7.5 | 15.5 | 1465 | 88.7 | 0.83 | 68 | 0.7 | 2.0 | 7.5 | 2.3 |
| YJZ2-160M-4 | 11 | 22.4 | 1470 | 89.8 | 0.83 | 70 | 1.1 | 2.0 | 7.7 | 2.3 |
| YJZ2-160L-4 | 15 | 29.9 | 1470 | 90.6 | 0.84 | 70 | 1.1 | 2.0 | 7.8 | 2.3 |
| YJZ2-180M-4 | 18.5 | 36.3 | 1470 | 91.2 | 0.85 | 73 | 1.1 | 2.0 | 7.8 | 2.3 |
| YJZ2-180L-4 | 22 | 42.9 | 1465 | 91.6 | 0.85 | 73 | 1.1 | 2.0 | 7.8 | 2.3 |
| YJZ2-200L-4 | 30 | 58.1 | 1475 | 92.3 | 0.85 | 73 | 1.1 | 2.0 | 7.3 | 2.3 |
| YJZ2-225S-4 | 37 | 70.5 | 1480 | 92.7 | 0.86 | 75 | 1.1 | 2.0 | 7.4 | 2.3 |
| YJZ2-225M-4 | 45 | 85.4 | 1480 | 93.1 | 0.86 | 75 | 1.1 | 2.0 | 7.4 | 2.3 |
| YJZ2-250M-4 | 55 | 104 | 1485 | 93.5 | 0.86 | 76 | 1.1 | 2.0 | 7.4 | 2.3 |
| YJZ2-280S-4 | 75 | 139 | 1490 | 94.0 | 0.87 | 77 | 1.1 | 2.0 | 6.9 | 2.3 |
| YJZ2-280M-4 | 90 | 165 | 1485 | 94.2 | 0.88 | 77 | 1.1 | 2.0 | 6.9 | 2.3 |
| YJZ2-315S-4 | 110 | 199 | 1485 | 94.5 | 0.89 | 86 | 1.8 | 2.0 | 7.0 | 2.2 |
| YJZ2-315M-4 | 132 | 238 | 1485 | 94.7 | 0.89 | 86 | 1.8 | 2.0 | 7.0 | 2.2 |
| YJZ2-315L1-4 | 160 | 285 | 1485 | 94.9 | 0.90 | 86 | 1.8 | 2.0 | 7.1 | 2.2 |
| YJZ2-315L-4 | 185 | 329 | 1485 | 95.0 | 0.90 | 86 | 1.8 | 2.0 | 7.1 | 2.2 |
| YJZ2-315L2-4 | 200 | 355 | 1485 | 95.1 | 0.90 | 86 | 1.8 | 2.0 | 7.1 | 2.2 |
| YJZ2-315L3-4 | 220 | 391 | 1485 | 95.1 | 0.90 | 86 | 1.8 | 2.0 | 7.1 | 2.2 |
| YJZ2-355M1-4 | 220 | 391 | 1490 | 95.1 | 0.90 | 93 | 1.8 | 2.0 | 7.1 | 2.2 |
| YJZ2-355M-4 | 250 | 444 | 1490 | 95.1 | 0.90 | 93 | 1.8 | 2.0 | 7.1 | 2.2 |
| YJZ2-355L1-4 | 280 | 497 | 1490 | 95.1 | 0.90 | 93 | 1.8 | 2.0 | 7.1 | 2.2 |
| YJZ2-355L-4 | 315 | 559 | 1490 | 95.1 | 0.90 | 93 | 1.8 | 2.0 | 7.1 | 2.2 |
| YJZ2-355L2-4 | 355 | 645 | 1490 | 95.1 | 0.88 | 100 | 1.8 | 1.7 | 7.0 | 2.2 |
| YJZ2-355L3-4 | 375 | 681 | 1490 | 95.1 | 0.88 | 100 | 1.8 | 1.7 | 7.0 | 2.2 |

Performance Data

380V 50Hz

| Model | Output kW | FLA | RPM, | Eff. % | Power Factor | dB(A) | Vibratio n mm/s | <u>LRT</u> <u>FLT</u> <u>Tst</u> <u>T_N</u> | <u>LRA</u> <u>FLA</u> <u>Ist</u> <u>I_N</u> | <u>BDT</u> <u>FLT</u> <u>Tmax</u> <u>T_N</u> |
|------------------------------|-----------|------|------|--------|--------------|-------|--------------------|--|--|---|
| Synchronous speed 1000 r/min | | | | | | | | | | |
| YJZ2-80M1-6 | 0.37 | 1.2 | 910 | 67.0 | 0.70 | 50 | 0.7 | 1.9 | 5.5 | 2.0 |
| YJZ2-80M2-6 | 0.55 | 1.7 | 910 | 70.0 | 0.71 | 50 | 0.7 | 1.9 | 5.5 | 2.1 |
| YJZ2-90S-6 | 0.75 | 2.1 | 935 | 75.9 | 0.71 | 54 | 0.7 | 2.0 | 6.0 | 2.1 |
| YJZ2-90L-6 | 1.1 | 3.0 | 935 | 78.1 | 0.72 | 54 | 0.7 | 2.0 | 6.0 | 2.1 |
| YJZ2-100L-6 | 1.5 | 4.0 | 945 | 79.8 | 0.72 | 58 | 0.7 | 2.0 | 6.5 | 2.1 |
| YJZ2-112M-6 | 2.2 | 5.7 | 965 | 81.8 | 0.72 | 62 | 0.7 | 2.0 | 6.6 | 2.1 |
| YJZ2-132S-6 | 3 | 7.6 | 975 | 83.3 | 0.72 | 66 | 0.7 | 1.9 | 6.8 | 2.1 |
| YJZ2-132M1-6 | 4 | 9.7 | 975 | 84.6 | 0.74 | 66 | 0.7 | 1.9 | 6.8 | 2.1 |
| YJZ2-132M2-6 | 5.5 | 13.0 | 975 | 86.0 | 0.75 | 66 | 0.7 | 1.9 | 7.0 | 2.1 |
| YJZ2-160M-6 | 7.5 | 16.8 | 975 | 87.2 | 0.78 | 70 | 1.1 | 2.0 | 7.0 | 2.1 |
| YJZ2-160L-6 | 11 | 23.9 | 975 | 88.7 | 0.79 | 70 | 1.1 | 2.0 | 7.2 | 2.1 |
| YJZ2-180L-6 | 15 | 31.8 | 980 | 89.7 | 0.80 | 70 | 1.1 | 1.9 | 7.3 | 2.1 |
| YJZ2-200L1-6 | 18.5 | 38.9 | 980 | 90.4 | 0.80 | 70 | 1.1 | 1.9 | 7.3 | 2.1 |
| YJZ2-200L2-6 | 22 | 45.4 | 980 | 90.9 | 0.81 | 70 | 1.1 | 1.9 | 7.4 | 2.1 |
| YJZ2-225M-6 | 30 | 60.6 | 985 | 91.7 | 0.82 | 71 | 1.1 | 1.9 | 6.9 | 2.1 |
| YJZ2-250M-6 | 37 | 73.5 | 985 | 92.2 | 0.83 | 73 | 1.1 | 1.9 | 7.1 | 2.1 |
| YJZ2-280S-6 | 45 | 86.8 | 990 | 92.7 | 0.85 | 75 | 1.1 | 1.9 | 7.3 | 2.0 |
| YJZ2-280M-6 | 55 | 104 | 990 | 93.1 | 0.86 | 75 | 1.8 | 1.9 | 7.3 | 2.0 |
| YJZ2-315S-6 | 75 | 145 | 990 | 93.7 | 0.84 | 80 | 1.8 | 1.9 | 6.6 | 2.0 |
| YJZ2-315M-6 | 90 | 171 | 990 | 94.0 | 0.85 | 80 | 1.8 | 1.9 | 6.7 | 2.0 |
| YJZ2-315L1-6 | 110 | 209 | 990 | 94.3 | 0.85 | 80 | 1.8 | 1.9 | 6.7 | 2.0 |
| YJZ2-315L2-6 | 132 | 247 | 990 | 94.6 | 0.86 | 80 | 1.8 | 1.9 | 6.8 | 2.0 |
| YJZ2-315L3-6 | 160 | 298 | 990 | 94.8 | 0.86 | 80 | 1.8 | 1.9 | 6.8 | 2.0 |
| YJZ2-355M1-6 | 160 | 298 | 990 | 94.8 | 0.86 | 82 | 1.8 | 1.9 | 6.8 | 2.0 |
| YJZ2-355M-6 | 185 | 344 | 990 | 94.9 | 0.86 | 82 | 1.8 | 1.9 | 6.8 | 2.0 |
| YJZ2-355M2-6 | 200 | 372 | 990 | 95.0 | 0.86 | 82 | 1.8 | 1.9 | 6.8 | 2.0 |
| YJZ2-355L1-6 | 220 | 409 | 990 | 95.0 | 0.86 | 82 | 1.8 | 1.9 | 6.8 | 2.0 |
| YJZ2-355L-6 | 250 | 465 | 990 | 95.0 | 0.86 | 82 | 1.8 | 1.9 | 6.8 | 2.0 |
| YJZ2-355L2-6 | 280 | 521 | 990 | 95.0 | 0.86 | 88 | 1.8 | 1.9 | 6.8 | 2.0 |
| YJZ2-355L3-6 | 315 | 586 | 995 | 95.0 | 0.86 | 88 | 1.8 | 1.9 | 6.8 | 2.0 |
| Synchronous speed 750 r/min | | | | | | | | | | |
| YJZ2-80M1-8 | 0.18 | 0.8 | 700 | 52.8 | 0.61 | 50 | 0.7 | 1.8 | 3.3 | 1.9 |
| YJZ2-80M2-8 | 0.25 | 1.1 | 700 | 57.0 | 0.61 | 50 | 0.7 | 1.8 | 3.3 | 1.9 |
| YJZ2-90S-8 | 0.37 | 1.4 | 695 | 64.0 | 0.62 | 54 | 0.7 | 1.8 | 4.0 | 1.9 |
| YJZ2-90L-8 | 0.55 | 2.0 | 695 | 67.5 | 0.63 | 54 | 0.7 | 1.8 | 4.0 | 1.9 |
| YJZ2-100L1-8 | 0.75 | 2.3 | 705 | 71.5 | 0.68 | 58 | 0.7 | 1.8 | 4.0 | 2.0 |
| YJZ2-100L2-8 | 1.1 | 3.3 | 705 | 74.5 | 0.69 | 58 | 0.7 | 1.8 | 4.0 | 2.0 |
| YJZ2-112M-8 | 1.5 | 4.4 | 715 | 75.4 | 0.69 | 62 | 0.7 | 1.8 | 4.0 | 2.0 |
| YJZ2-132S-8 | 2.2 | 6.0 | 730 | 78.2 | 0.71 | 64 | 0.7 | 1.8 | 5.5 | 2.2 |
| YJZ2-132M-8 | 3 | 7.7 | 730 | 80.6 | 0.73 | 64 | 0.7 | 1.8 | 5.5 | 2.2 |
| YJZ2-160M1-8 | 4 | 10.1 | 725 | 82.7 | 0.73 | 69 | 1.1 | 1.9 | 6.0 | 2.2 |

Performance Data

380V 50Hz

| Model | Output kW | FLA | RPM, | Eff. % | Power Factor | dB(A) | Vibration n mm/s | $\frac{LRT}{FLT}$ $\frac{Tst}{T_N}$ | $\frac{LRA}{FLA}$ $\frac{Ist}{I_N}$ | $\frac{BDT}{FLT}$ $\frac{Tmax}{T_N}$ |
|-----------------------------|-----------|------|------|--------|--------------|-------|------------------|--|--|---|
| Synchronous speed 750 r/min | | | | | | | | | | |
| YJZ2-160M2-8 | 5.5 | 13.4 | 725 | 84.3 | 0.74 | 69 | 1.1 | 1.9 | 6.0 | 2.2 |
| YJZ2-160L-8 | 7.5 | 17.7 | 730 | 85.8 | 0.75 | 69 | 1.1 | 1.9 | 6.0 | 2.2 |
| YJZ2-180L-8 | 11 | 25.0 | 725 | 87.8 | 0.76 | 69 | 1.1 | 1.9 | 6.0 | 2.2 |
| YJZ2-200L-8 | 15 | 33.7 | 730 | 89.0 | 0.76 | 69 | 1.1 | 2.0 | 6.5 | 2.2 |
| YJZ2-225S-8 | 18.5 | 40.0 | 735 | 90.2 | 0.78 | 70 | 1.1 | 2.0 | 6.5 | 2.2 |
| YJZ2-225M-8 | 22 | 47.4 | 735 | 90.5 | 0.78 | 70 | 1.1 | 2.0 | 6.5 | 2.2 |
| YJZ2-250M-8 | 30 | 63.4 | 735 | 91.0 | 0.79 | 71 | 1.1 | 1.9 | 6.5 | 2.0 |
| YJZ2-280S-8 | 37 | 77.8 | 740 | 91.5 | 0.79 | 72 | 1.1 | 1.8 | 6.0 | 2.0 |
| YJZ2-280M-8 | 45 | 93.9 | 740 | 92.2 | 0.79 | 72 | 1.1 | 1.8 | 6.0 | 2.0 |
| YJZ2-315S-8 | 55 | 111 | 740 | 93.1 | 0.81 | 80 | 1.8 | 1.8 | 6.5 | 2.0 |
| YJZ2-315M-8 | 75 | 151 | 740 | 93.2 | 0.81 | 80 | 1.8 | 1.8 | 6.5 | 2.0 |
| YJZ2-315L1-8 | 90 | 181 | 740 | 93.2 | 0.81 | 80 | 1.8 | 1.8 | 6.5 | 2.0 |
| YJZ2-315L2-8 | 110 | 218 | 740 | 93.5 | 0.82 | 80 | 1.8 | 1.8 | 6.5 | 2.0 |
| YJZ2-355M1-8 | 132 | 261 | 745 | 93.7 | 0.82 | 82 | 1.8 | 1.8 | 6.5 | 2.0 |
| YJZ2-355M2-8 | 160 | 314 | 745 | 94.3 | 0.82 | 82 | 1.8 | 1.8 | 6.5 | 2.0 |
| YJZ2-355L1-8 | 185 | 364 | 745 | 94.3 | 0.82 | 82 | 1.8 | 1.8 | 6.5 | 2.0 |
| YJZ2-355L-8 | 200 | 392 | 745 | 94.5 | 0.82 | 82 | 1.8 | 1.8 | 6.5 | 2.0 |
| YJZ2-355L2-8 | 220 | 431 | 745 | 94.5 | 0.82 | 88 | 1.8 | 1.8 | 6.5 | 2.0 |
| YJZ2-355L3-8 | 250 | 484 | 745 | 94.5 | 0.83 | 88 | 1.8 | 1.8 | 6.5 | 2.0 |
| Synchronous speed 600 r/min | | | | | | | | | | |
| YJZ2-315S-10 | 45 | 100 | 590 | 91.5 | 0.75 | 80 | 1.8 | 1.5 | 6.0 | 2.0 |
| YJZ2-315M-10 | 55 | 121 | 590 | 92.0 | 0.75 | 80 | 1.8 | 1.5 | 6.0 | 2.0 |
| YJZ2-315L1-10 | 75 | 162 | 590 | 92.5 | 0.76 | 80 | 1.8 | 1.5 | 6.0 | 2.0 |
| YJZ2-315L2-10 | 90 | 191 | 590 | 93.0 | 0.77 | 80 | 1.8 | 1.5 | 6.0 | 2.0 |
| YJZ2-355M1-10 | 110 | 230 | 595 | 93.2 | 0.78 | 81 | 1.8 | 1.3 | 5.5 | 2.0 |
| YJZ2-355M2-10 | 132 | 275 | 595 | 93.6 | 0.78 | 81 | 1.8 | 1.3 | 5.5 | 2.0 |
| YJZ2-355L1-10 | 160 | 333 | 595 | 93.6 | 0.78 | 81 | 1.8 | 1.3 | 5.5 | 2.0 |
| YJZ2-355L-10 | 185 | 385 | 595 | 93.6 | 0.78 | 81 | 1.8 | 1.3 | 5.5 | 2.0 |
| YJZ2-355L2-10 | 200 | 416 | 595 | 93.6 | 0.78 | 87 | 1.8 | 1.3 | 5.5 | 2.0 |
| YJZ2-355L3-10 | 220 | 458 | 595 | 93.6 | 0.78 | 87 | 1.8 | 1.3 | 5.5 | 2.0 |

Conventional mounting type and suitable frame size are given in following table (with “√”)

| Frame | Basic Type | | | Derived Type | | | | | | | | | | | | | |
|---------|------------|----|-----|--------------|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|
| | B3 | B5 | B35 | V1 | V3 | V5 | V6 | B6 | B7 | B8 | V15 | V17 | V35 | V37 | B14 | B34 | V18 |
| 80~112 | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ |
| 132~160 | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ | - | - | - |
| 180~280 | √ | √ | √ | √ | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 315~355 | √ | - | √ | √ | - | - | - | - | - | - | - | - | - | - | - | - | - |

Note: The mounting and overall dimensions are almost the same with those of YX3 series induction motors. Data above may be changed without prior notice.