

表 7 ABB 直流调速器(DCS500)适配的进线电抗器、变压器（自耦、辅助）

| 额定交流电源电压 V         | 电机额定功率 KW    | ABB 晶闸管交流器<br>型 号 | 额定直流电压 V   | 额定直流电流 A | 网侧三相进线电抗器 L <sub>1</sub> |        |        |           | 励磁单元<br>型号             | 自耦变压器 T <sub>3</sub> |             |
|--------------------|--------------|-------------------|------------|----------|--------------------------|--------|--------|-----------|------------------------|----------------------|-------------|
|                    |              |                   |            |          | 额定相电流 A                  | 相电感 μH | ABB 型号 | 德润订货号 DZ- |                        | ABB 型 号              | 德润订货型 号     |
| 3AC<br>400<br>±10% | 12<br>10     | DCS501-0025-41    | 465<br>415 | 25       | 18                       | 512    | ND01   | 3HG-B01   | Upri=500V              |                      |             |
|                    | 23<br>21     | DCS501-0050       |            | 50       | 37                       | 250    | ND02   | 3HG-B02   | SDCS-FEX-1             | T301                 | ZBR431-B01  |
|                    | 35<br>31     | DCS501-0075-41    |            | 75       | 55                       | 168    | ND04   | 3HG-B04   | SDCS-FEX-2             | T302                 | ZBR431-B02  |
|                    | 47<br>42     | DCS501-0100       |            | 100      | 102                      | 90     | ND06   | 3HG-B06   |                        | T303                 | ZBR431-B03  |
|                    | 58           | DCS501-0140       |            | 140      |                          |        |        |           | DCF503/4-005           | T304                 | ZBR431-B04  |
|                    | 84<br>83     | DCS501-0200       |            | 200      | 184                      | 50     | ND07   | 3HG-B07   |                        | T305                 | ZBR431-B05  |
|                    | 105<br>104   | DCS501-0250       |            | 250      |                          |        |        |           |                        | Upri=690V            |             |
|                    | 146<br>145   | DCS501-0350       |            | 350      | 245                      | 37.5   | ND09   | 3HG-B09   | SDCS-FEX-1             | T311                 | ZBR431-B06  |
|                    | 188<br>187   | DCS501-0450       |            | 450      | 367                      | 25     | ND10   | 3HG-B10   | SDCS-FEX-2             | T312                 | ZBR431-B07  |
|                    | 219<br>216   | DCS501-0520       |            | 520      | 490                      | 18.8   | ND12   | 3HG-B12   | DCF503/4-005           | T313                 | ZBR431-B08  |
|                    | 326<br>291   | DCS501-0700       |            | 700      |                          |        |        |           |                        | T314                 | ZBR431-B09  |
|                    | 419<br>374   | DCS501-0900       |            | 900      | 698                      | 18.2   | ND13   | 3HG-B13   |                        | T315                 | ZBR431-B010 |
|                    | 558<br>498   | DCS501-1200       |            | 1200     | 930                      | 9.9    | ND14   | 3HG-B14   | 励磁进线电抗器 L <sub>3</sub> |                      |             |
|                    | 698<br>623   | DCS501-1500       |            | 1500     | 1163                     | 10.9   | ND15   | 3HG-B15   | SDCS-FEX-2             | ND3                  | 3HG-B00     |
|                    | 930<br>830   | DCS501-2000       |            | 2000     | 1510                     | 6.1    | ND16   | 3HG-B16   | 单相辅助变压器 T <sub>2</sub> |                      |             |
| 3AC<br>500<br>±10% | 15<br>13     | DCS501-0025-51    | 580<br>520 | 25       | 18                       | 512    | ND01   | 3HG-B01   | 460VA                  |                      | B126-B00    |
|                    | 29<br>26     | DCS501-0050       |            | 50       | 37                       | 250    | ND02   | 3HG-B02   | DCS500 的最大直流电压         |                      |             |
|                    | 44<br>39     | DCS501-0075       |            | 75       | 55                       | 168    | ND04   | 3HG-B04   | 系统进线                   | 最大电机电压 V             |             |
|                    | 58<br>52     | DCS501-0100       |            | 100      | 102                      | 90     | ND06   | 3HG-B06   |                        | 电压 V                 | 2Q          |
|                    | 73           | DCS501-0140       |            | 140      |                          |        |        |           | 230                    |                      | 265         |
|                    | 104          | DCS501-0200       |            | 200      | 184                      | 50     | ND07   | 3HG-B07   | 380                    | 440                  | 395         |
|                    | 131<br>130   | DCS501-0250       |            | 250      |                          |        |        |           | 400                    | 465                  | 415         |
|                    | 183<br>182   | DCS501-0350       |            | 350      | 245                      | 37.5   | ND09   | 3HG-B09   | 415                    | 480                  | 430         |
|                    | 235<br>234   | DCS501-0450       |            | 450      | 367                      | 25     | ND10   | 3HG-B10   | 440                    | 510                  | 455         |
|                    | 273<br>270   | DCS501-0520       |            | 520      | 490                      | 18.8   | ND12   | 3HG-B12   | 460                    | 530                  | 480         |
|                    | 406<br>364   | DCS501-0700       |            | 700      |                          |        |        |           | 480                    | 555                  | 500         |
|                    | 522<br>468   | DCS501-0900       |            | 900      | 698                      | 18.2   | ND13   | 3HG-B13   | 500                    | 580                  | 520         |
|                    | 696<br>624   | DCS501-1200       |            | 1200     | 930                      | 9.9    | ND14   | 3HG-B14   | 525                    | 610                  | 545         |
|                    | 870<br>780   | DCS501-1500       |            | 1500     | 1163                     | 10.9   | ND15   | 3HG-B15   | 575                    | 670                  | 600         |
|                    | 1160<br>1040 | DCS501-2000       |            | 2000     | 1510                     | 6.1    | ND16   | 3HG-B16   | 600                    | 700                  | 625         |
| 3AC<br>600<br>±10% | 35<br>31     | DCS501-0050       | 700<br>625 | 50       | 37                       | 300    | ND03   | 3HG-B03   | 660                    | 765                  | 685         |
|                    | 70<br>69     | DCS501-0110       |            | 110      | 82                       | 135    | ND05   | 3HG-B05   | 690                    | 800                  | 720         |
|                    | 172<br>169   | DCS501-0270       |            | 270      | 196                      | 56.3   | ND08   | 3HG-B08   | 790                    | 915                  | 850         |
|                    | 284<br>281   | DCS501-0450       |            | 450      | 326                      | 33.8   | ND11   | 3HG-B11   | 1000                   | 1160                 | 1040        |
|                    | 630<br>563   | DCS501-0900       |            | 900      | 698                      | 18.2   | ND13   | 3HG-B13   | 2Q—单象限运行<br>4Q—四象限运行   |                      |             |
|                    | 1050<br>938  | DCS501-1500       |            | 1500     | 1163                     | 10.9   | ND15   | 3HG-B15   |                        |                      |             |
| 3AC<br>690<br>±10% | 720<br>648   | DCS501-0900       | 800<br>720 | 900      | 698                      | 18.2   | ND13   | 3HG-B13   |                        |                      |             |
|                    | 1200<br>1080 | DCS501-1500       |            | 1500     | 1163                     | 10.9   | ND15   | 3HG-B15   |                        |                      |             |

## ABB 直流调速器 DCS500B (12~4900kW) 适配的三相进线电抗器

| 三相进线电抗器        |            |                   |           |           |           |          |        |             |     |
|----------------|------------|-------------------|-----------|-----------|-----------|----------|--------|-------------|-----|
| 交流电压<br>V      | 电机功率<br>kW | ABB 直流调速器<br>型号   | 直流电压<br>V | 直流电流<br>A | 交流电流<br>A | 相电流<br>A | ABB 型号 | 德润订货号       | 结构号 |
| 3AC<br>400/500 | 12/15      | DCS501B0025-41/51 | 465/580   | 25        | 20        | 18       | ND01   | DZ-3HG-B01  | 1   |
|                | 10/13      | DCS502B0025-41/51 | 415/520   | 25        | 20        | 18.5     | ND401  | DZ-3HG-B401 | 4   |
|                | 23/29      | DCS501B0050-41/51 | 465/580   | 50        | 41        | 37       | ND02   | DZ-3HG-B02  | 4   |
|                | 21/26      | DCS502B0050-41/51 | 415/520   | 50        | 41        | 37       | ND402  | DZ-3HG-B402 | 6   |
|                | 35/44      | DCS501B0075-41/51 | 465/580   | 75        | 61        | 55       | ND04   | DZ-3HG-B04  | 6   |
|                | 31/39      | DCS502B0075-41/51 | 415/520   | 75        | 61        | 55       | ND403  | DZ-3HG-B403 | 7   |
|                | 47/58      | DCS501B0100-41/51 | 465/580   | 100       | 82        | 102      | ND06   | DZ-3HG-B06  | 6   |
|                | 42/52      | DCS502B0100-41/51 | 415/520   | 100       | 82        | 74       | ND404  | DZ-3HG-B404 | 9   |
|                | 58/73      | DCS501B0140-41/51 | 465/580   | 140       | 102       | 102      | ND06   | DZ-3HG-B06  | 6   |
|                | 58/73      | DCS502B0140-41/51 | 415/520   | 140       | 114       | 104      | ND405  | DZ-3HG-B405 | 9   |
|                | 84/104     | DCS501B0200-41/51 | 465/580   | 200       | 147       | 184      | ND07   | DZ-3HG-B07  | 8   |
|                | 83/104     | DCS502B0200-41/51 | 415/520   | 200       | 163       | 148      | ND406  | DZ-3HG-B406 | 10  |
|                | 105/131    | DCS501B0250-41/51 | 465/580   | 250       | 184       | 184      | ND07   | DZ-3HG-B07  | 8   |
|                | 104/130    | DCS502B0250-41/51 | 415/520   | 250       | 204       | 192      | ND407  | DZ-3HG-B407 | 11  |
|                | 146/183    | DCS501B0350-41/51 | 465/580   | 350       | 257       | 245      | ND09   | DZ-3HG-B09  | 9   |
|                | 145/182    | DCS502B0350-41/51 | 415/520   | 350       | 286       | 252      | ND408  | DZ-3HG-B408 | 12  |
|                | 188/235    | DCS501B0450-41/51 | 465/580   | 450       | 330       | 367      | ND10   | DZ-3HG-B10  | 10  |
|                | 187/234    | DCS502B0450-41/51 | 415/520   | 450       | 367       | 332      | ND409  | DZ-3HG-B409 | 12  |
|                | 219/273    | DCS501B0520-41/51 | 465/580   | 520       | 384       | 367      | ND10   | DZ-3HG-B10  | 10  |
|                | 216/270    | DCS502B0520-41/51 | 415/520   | 520       | 424       | 406      | ND410  | DZ-3HG-B410 | 13  |
|                | 282/354    | DCS501B0680-41/51 | 465/580   | 680       | 500       | 490      | ND12   | DZ-3HG-B12  | 11  |
|                | 284/354    | DCS502B0680-41/51 | 415/520   | 680       | 555       | 502      | ND411  | DZ-3HG-B411 | 13  |
|                | 344/429    | DCS501B0820-41/51 | 465/580   | 820       | 605       | 698      | ND13   | DZ-3HG-B13  | 12  |
|                | 340/426    | DCS502B0820-41/51 | 415/520   | 820       | 670       | 605      | ND412  | DZ-3HG-B412 | 14  |
|                | 418/522    | DCS501B1000-41/51 | 465/580   | 1000      | 738       | 698      | ND13   | DZ-3HG-B13  | 12  |
|                | 415/520    | DCS502B1000-41/51 | 415/520   | 1000      | 820       | 740      | ND413  | DZ-3HG-B413 | 14  |
|                | 558/696    | DCS501B1203-41/51 | 465/580   | 1200      | 979       | 930      | ND14   | DZ-3HG-B14  | 12  |
|                | 498/624    | DCS502B1203-41/51 | 415/520   | 1200      | 979       | 980      |        | DZ-3HG-B414 | 15  |
|                | 698/870    | DCS501B1503-41/51 | 465/580   | 1500      | 1224      | 1163     | ND15   | DZ-3HG-B15  | 14  |
|                | 623/780    | DCS502B1503-41/51 | 415/520   | 1500      | 1224      | 1300     |        | DZ-3HG-B415 | 16  |
|                | 930/1160   | DCS501B2003-41/51 | 465/580   | 2000      | 1632      | 1510     | ND16   | DZ-3HG-B16  | 14  |
|                | 830/1040   | DCS502B2003-41/51 | 415/520   | 2000      | 1632      | 1640     |        | DZ-3HG-B416 | 17  |
|                | 1160/1450  | DCS501B2503-41/51 | 465/580   | 2500      | 2040      |          |        | DZ-3HG-B82  | 15  |
|                | 1040/1300  | DCS502B2503-41/51 | 415/520   | 2500      | 2040      | 2100     |        | DZ-3HG-B417 | 17  |
|                | 1540/1925  | DCS501B3303-41/51 | 465/580   | 3300      | 2693      |          |        | DZ-3HG-B83  | 16  |
|                | 1250/1560  | DCS502B3303-41/51 | 415/520   | 3300      | 2693      | 2700     |        | DZ-3HG-B418 | 18  |
|                | 1870/2330  | DCS501B4003-41/51 | 465/580   | 4000      | 3264      |          |        | DZ-3HG-B84  | 16  |
|                | 1670/2080  | DCS502B4003-41/51 | 415/520   | 4000      | 3264      | 3300     |        | DZ-3HG-B419 | 19  |
|                | 2430/3030  | DCS501B5203-41/51 | 465/580   | 5200      | 4243      |          |        | DZ-3HG-B85  | 17  |
|                | 2170/2710  | DCS502B5203-41/51 | 415/520   | 5200      | 4243      | 4200     |        | DZ-3HG-B420 | 20  |

| 单相进线电抗器      |           |      |         |            |     |
|--------------|-----------|------|---------|------------|-----|
| 磁场变流器<br>单元号 | 励磁电流<br>A | 电流 A | ABB 订货号 | 德润订货号      | 结构号 |
| SDCS-FEX-1   | 6         | 16   | ND30    | DZ-123-B01 | 4   |
| SDCS-FEX-2   | 16        |      |         |            |     |
|              | 30        | 30   |         | DZ-123-B02 | 7   |
|              | 50        | 50   |         | DZ-123-B03 | 8   |

ABB 直流调速器 DCS500B（12~4900kW）适配的三相进线电抗器

| 交流电压<br>V       | 电机功率<br>kW | ABB<br>直流调速器<br>型号 | 直流电压<br>V | 直流电流<br>A | 交流电流<br>A | 相电流<br>A | ABB<br>型号 | 三相进线电抗器<br>德润<br>订货号<br>DZ-3HG | 结构号 |
|-----------------|------------|--------------------|-----------|-----------|-----------|----------|-----------|--------------------------------|-----|
| 3AC<br>600      | 35         | DCS501B0050-61     | 700       | 50        | 41        | 37       | ND03      | DZ-3HG-B03                     | 4   |
|                 | 31         | DCS502B0050-61     | 625       |           |           | 42       |           | DZ-3HG-B421                    | 7   |
|                 | 70         | DCS501B0110-61     | 700       | 100       | 82        | 82       | ND05      | DZ-3HG-B05                     | 6   |
|                 | 69         | DCS502B0110-61     | 625       | 110       | 92        | 92       |           | DZ-3HG-B422                    | 10  |
|                 | 172        | DCS501B0270-61     | 700       | 245       | 200       | 196      | ND08      | DZ-3HG-B08                     | 9   |
|                 | 169        | DCS502B0270-61     | 625       | 270       | 220       | 220      |           | DZ-3HG-B423                    | 11  |
|                 | 284        | DCS501B0450-61     | 700       | 405       | 330       | 326      | ND11      | DZ-3HG-B11                     | 11  |
|                 | 281        | DCS502B0450-61     | 625       | 450       | 367       | 370      |           | DZ-3HG-B424                    | 13  |
|                 | 630/720    | DCS501B0903-61/71  | 700/800   |           |           | 698      | ND13      | DZ-3HG-B13                     | 12  |
|                 | 563/648    | DCS502B0903-61/71  | 625/720   | 900       | 734       | 740      |           | DZ-3HG-B425                    | 15  |
|                 | 1050/1200  | DCS501B1503-61/71  | 700/800   |           |           | 1163     | ND15      | DZ-3HG-B15                     | 14  |
|                 | 938/1080   | DCS502B1503-61/71  | 625/720   | 1500      | 1224      | 1230     |           | DZ-3HG-B426                    | 16  |
|                 | 1400/1600  | DCS501B2003-61/71  | 700/800   |           |           | 1510     | ND16      | DZ-3HG-B16                     | 14  |
|                 |            | DCS502B2003-61/71  | 625/720   | 2000      | 1632      | 1680     |           | DZ-3HG-B427                    | 17  |
|                 | 1430/1640  | DCS501B2053-61/71  | 700/800   |           |           | 1680     |           | DZ-3HG-B86                     | 15  |
| 3AC<br>600/690  | 1280/1470  | DCS502B2053-61/71  | 625/720   | 2050      | 1673      | 1680     |           | DZ-3HG-B428                    | 17  |
|                 | 1750/2000  | DCS501B2503-61/71  | 700/800   |           |           | 2040     |           | DZ-3HG-B87                     | 16  |
|                 | 1560/1800  | DCS502B2503-61/71  | 625/720   | 2500      | 2040      | 2040     |           | DZ-3HG-B429                    | 18  |
|                 | 2310/2660  | DCS501B3303-61/71  | 700/800   |           |           | 2700     |           | DZ-3HG-B88                     | 17  |
|                 | 2060/2370  | DCS502B3303-61/71  | 625/720   | 3300      | 2693      | 2700     |           | DZ-3HG-B430                    | 19  |
|                 | 2800/3220  | DCS501B4003-61/71  | 700/800   |           |           | 3300     |           | DZ-3HG-B89                     | 17  |
|                 | 2500/2875  | DCS502B4003-61/71  | 625/720   | 4000      | 3264      | 3300     |           | DZ-3HG-B431                    | 20  |
|                 | 3360/3860  | DCS501B4803-61/71  | 700/800   |           |           | 4000     |           | DZ-3HG-B90                     | 18  |
|                 | 3000/3950  | DCS502B4803-61/71  | 625/720   | 4750      | 3876      | 4000     |           | DZ-3HG-B432                    | 21  |
|                 | 2040       | DCS501B2053-81     | 915       | 2050      | 1673      | 1680     |           | DZ-3HG-B91                     | 16  |
|                 | 1681       | DCS502B2050-81     | 820       |           |           |          |           | DZ-3HG-B433                    | 18  |
|                 | 2928       | DCS501B3200-81     | 915       | 3200      | 2162      | 2200     |           | DZ-3HG-B92                     | 17  |
|                 | 2624       | DCS502B3200-81     | 820       |           |           |          |           | DZ-3HG-B434                    | 20  |
|                 | 3660       | DCS501B4000-81     | 915       | 4000      | 3264      | 3300     |           | DZ-3HG-B93                     | 18  |
|                 | 3280       | DCS502B4000-81     | 820       |           |           |          |           | DZ-3HG-B435                    | 22  |
| 3AC<br>790      | 4346       | DCS501B4750-81     | 915       | 4800      | 3917      | 4000     |           | DZ-3HG-B94                     | 19  |
|                 | 3895       | DCS502B4750-81     | 820       |           |           |          |           | DZ-3HG-B436                    | 23  |
|                 | 2378       | DCS501B2050-91     | 1160      | 2050      | 1673      | 1700     |           | DZ-3HG-B95                     | 17  |
|                 | 2132       | DCS502B2050-91     | 1040      |           |           |          |           | DZ-3HG-B437                    | 20  |
|                 | 3072       | DCS501B2650-91     | 1160      | 2650      | 2162      | 2200     |           | DZ-3HG-B96                     | 18  |
|                 | 2756       | DCS502B2650-91     | 1040      |           |           |          |           | DZ-3HG-B438                    | 21  |
|                 | 3712       | DCS501B3200-91     | 1160      | 3200      | 2611      | 2700     |           | DZ-3HG-B97                     | 18  |
|                 | 3328       | DCS502B3200-91     | 1040      |           |           |          |           | DZ-3HG-B439                    | 22  |
|                 | 4640       | DCS501B4000-91     | 1160      | 4000      | 3264      | 3300     |           | DZ-3HG-B98                     | 20  |
|                 | 4160       | DCS502B4000-91     | 1040      |           |           |          |           | DZ-3HG-B440                    | 24  |
|                 | 3658       | DCS501B2650-91     | 1235      | 2650      | 2162      | 2200     |           | DZ-3HG-B99                     | 18  |
|                 | 3280       | DCS502B2650-91     | 1380      |           |           |          |           | DZ-3HG-B441                    | 22  |
|                 | 5520       | DCS501B4000-91     | 1235      | 4000      | 3264      | 3300     |           | DZ-3HG-B100                    | 20  |
|                 | 4950       | DCS502B4000-91     | 1380      |           |           |          |           | DZ-3HG-B442S                   | 24  |
| DCS500B-xxx-x1  |            |                    |           |           |           |          |           |                                |     |
| 1- 2Q 2象限 2- 4Q |            |                    |           |           |           |          |           |                                |     |

ABB 直流调速器、变频器适配的三项进线电抗器技术数据

| 德润<br>订货号 | 额定<br>电流<br>I <sub>N</sub> A | 电感<br>L <sub>N</sub><br>μH | I <sub>N</sub><br>50Hz<br>电压降<br>ΔU<br>U | 额定<br>电压<br>U <sub>N</sub><br>V | 重量约<br>kg | 结构号<br>No | 德润<br>订货号 | 额定<br>电流<br>I <sub>N</sub> A | 电感<br>L <sub>N</sub><br>μH | I <sub>N</sub><br>50Hz<br>电压降<br>ΔU<br>U | 额定<br>电压<br>U <sub>N</sub><br>V | 重量约<br>kg | 结构号<br>No |
|-----------|------------------------------|----------------------------|------------------------------------------|---------------------------------|-----------|-----------|-----------|------------------------------|----------------------------|------------------------------------------|---------------------------------|-----------|-----------|
| 直流调速器用    |                              |                            |                                          |                                 |           |           | 变频器用      |                              |                            |                                          |                                 |           |           |
| 3ZG-B01   | 18                           | 512                        | 2.9                                      |                                 | 1.0       | 3         | 3HG-B20   | 8.5                          | 3500                       | 9.34                                     |                                 | 2.0       | 5         |
| 3ZG-B02   | 37                           | 250                        | 2.9                                      |                                 | 2.0       | 5         | 3HG-B21   | 11.5                         | 2800                       | 10.1                                     |                                 | 3.0       | 5         |
| 3ZG-B03   | 37                           | 300                        | 3.5                                      |                                 | 3.0       | 5         | 3HG-B22   | 16                           | 2000                       | 10                                       |                                 | 6.0       | 6         |
| 3ZG-B04   | 55                           | 168                        | 2.9                                      |                                 | 3.0       | 6         | 3HG-B23   | 18.5                         | 1550                       | 9                                        |                                 | 6.0       | 6         |
| 3ZG-B05   | 82                           | 135                        | 3.5                                      |                                 | 6.0       | 7         | 3HG-B24   | 27                           | 1200                       | 10.1                                     |                                 | 7.5       | 7         |
| 3ZG-B06   | 102                          | 90                         | 2.9                                      |                                 | 6.0       | 7         | 3HG-B25   | 34                           | 630                        | 6.7                                      |                                 | 6.0       | 7         |
| 3ZG-B07   | 184                          | 50                         | 2.9                                      |                                 | 10        | 9         | 3HG-B26   | 42                           | 400                        | 5.28                                     |                                 | 6.0       | 7         |
| 3ZG-B08   | 196                          | 56.3                       | 3.5                                      |                                 | 11.5      | 9         | 3HG-B27   | 50                           | 440                        | 6.91                                     |                                 | 7.5       | 8         |
| 3ZG-B09   | 245                          | 37.5                       | 2.9                                      |                                 | 11.5      | 9         | 3HG-B28   | 68                           | 330                        | 7                                        |                                 | 10        | 9         |
| 3ZG-B10   | 367                          | 25                         | 2.9                                      |                                 | 22        | 11        | 3HG-B29   | 84                           | 250                        | 6.6                                      |                                 | 11.5      | 9         |
| 3ZG-B11   | 326                          | 33.8                       | 3.5                                      |                                 | 22        | 11        | 3HG-B30   | 118                          | 220                        | 8.16                                     |                                 | 26        | 11        |
| 3ZG-B12   | 490                          | 18.8                       | 2.9                                      |                                 | 26        | 12        | 3HG-B31   | 168                          | 180                        | 9.5                                      |                                 | 40        | 12        |
| 3ZG-B13   | 698                          | 18.2                       | 4                                        | 400                             | 40        | 13        | 3HG-B32   | 200                          | 135                        | 8.48                                     |                                 | 40        | 12        |
| 3ZG-B14   | 930                          | 9.9                        | 2.9                                      | ~                               | 40        | 13        | 3HG-B33   | 240                          | 110                        | 8.3                                      | 400                             | 50        | 13        |
| 3ZG-B15   | 1163                         | 10.9                       | 4                                        | 690                             | 50        | 14        | 3HG-B34   | 290                          | 90                         | 8.2                                      | ~                               | 50        | 13        |
| 3ZG-B16   | 1510                         | 6.1                        | 2.9                                      |                                 | 50        | 14        | 3HG-B35   | 355                          | 75                         | 8.36                                     | 500                             | 50        | 14        |
|           |                              |                            |                                          |                                 |           |           | 3HG-B36   | 490                          | 60                         | 8.3                                      |                                 | 80        | 14        |
|           |                              |                            |                                          |                                 |           |           | 3HG-B37   | 540                          | 48                         | 8.14                                     |                                 | 80        | 14        |
|           |                              |                            |                                          |                                 |           |           | 3HG-B38   | 18                           | 3900                       | 22                                       |                                 | 7.5       | 9         |
|           |                              |                            |                                          |                                 |           |           | 3HG-B39   | 22                           | 2600                       | 18                                       |                                 | 7.5       | 9         |
|           |                              |                            |                                          |                                 |           |           | 3HG-B40   | 33                           | 1300                       | 13.5                                     |                                 | 10        | 9         |
|           |                              |                            |                                          |                                 |           |           | 3HG-B41   | 55                           | 1000                       | 17.3                                     |                                 | 22        | 11        |
|           |                              |                            |                                          |                                 |           |           | 3HG-B42   | 77                           | 670                        | 16.2                                     |                                 | 40        | 12        |
|           |                              |                            |                                          |                                 |           |           | 3HG-B43   | 132                          | 400                        | 16.6                                     |                                 | 50        | 13        |
|           |                              |                            |                                          |                                 |           |           | 3HG-B44   | 187                          | 270                        | 15.9                                     |                                 | 80        | 14        |
|           |                              |                            |                                          |                                 |           |           | 3HG-B45   | 286                          | 190                        | 17                                       |                                 | 110       | 15        |
|           |                              |                            |                                          |                                 |           |           | 3HG-B46   | 440                          | 130                        | 18                                       |                                 | 140       | 17        |