**产品概要**

**輸出額定力矩**  
T2N :12 Nm - 3,200 Nm  
**減速比:**  
單節 :1 / 1.5 / 2 / 3 / 4 / 5  
雙節 :7 / 10 / 15 / 20 / 25 / 35 / 50  
三節 :75 / 100 / 125 / 150 / 200 / 250 / 350 / 500  
**低背隙**  
單節 :≦6 arcmin  
雙節 :≦8 arcmin  
三節 :≦10 arcmin  
**高效率**  
單節 : ≧ 98%  
雙節 : ≧ 94%  
三節 : ≧ 94%  
**容易安裝**  
**低噪音**  
**結構緊湊**  
**材質: 染黑鑄鐵**

**产品规格**

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| http://www.apexdyna.com/zh/imgs/icon1.gif**減速機性能資料** |
| |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **規格** | | 節數 | 減速比1 | **ATB065FH** | **ATB075FH** | **ATB090FH** | **ATB110FH** | **ATB140FH** | **ATB170FH** | **ATB210FH** | **ATB240FH** | **ATB280FH** | | 額定輸出力矩 T2N | Nm | 1 | 1 | 25 | 45 | 78 | 150 | 360 | 585 | 1,300 | 2,150 | 3,200 | | 1.5 | 25 | 45 | 78 | 150 | 360 | 585 | 1,300 | 2,150 | 3,200 | | 2 | 24 | 42 | 68 | 150 | 330 | 544 | 1,220 | 2,010 | 3,050 | | 3 | 18 | 33 | 54 | 120 | 270 | 450 | 1,020 | 1,650 | 2,850 | | 4 | 13 | 28 | 48 | 100 | 224 | 376 | 860 | 1,410 | 2,300 | | 5 | 12 | 25 | 40 | 85 | 196 | 320 | 740 | 1,210 | 2,000 | | 2 | 7 | 12 | 12 | 33 | 91 | 91 | 91 | 195 | 358 | 358 | | 10 | 24 | 28 | 68 | 150 | 208 | 208 | 430 | 846 | 846 | | 15 | 18 | 33 | 54 | 120 | 270 | 312 | 645 | 1,269 | 1,269 | | 20 | 13 | 28 | 48 | 100 | 224 | 376 | 860 | 1,410 | 1,629 | | 25 | 12 | 25 | 40 | 85 | 196 | 320 | 740 | 1,210 | 2,000 | | 35 | 12 | 25 | 40 | 85 | 196 | 320 | 740 | 1,210 | 1,790 | | 50 | 12 | 25 | 40 | 85 | 196 | 320 | 740 | 1,210 | 1,465 | | 3 | 75 | - | - | - | 120 | 210 | 312 | 585 | 1,269 | 1,269 | | 100 | - | - | - | 100 | 224 | 376 | 780 | 1,410 | 1,692 | | 125 | - | - | - | 85 | 196 | 320 | 740 | 1,210 | 2,000 | | 150 | - | - | - | 120 | 135 | 312 | 390 | 975 | 975 | | 200 | - | - | - | 100 | 180 | 376 | 520 | 1,300 | 1,300 | | 250 | - | - | - | 85 | 196 | 320 | 650 | 1,210 | 1,625 | | 350 | - | - | - | 85 | 196 | 320 | 740 | 1,210 | 1,790 | | 500 | - | - | - | 85 | 196 | 320 | 740 | 1,210 | 1,465 | | 最大加速力矩 T2B | Nm | 1,2,3 | 1~500 | 1.5倍額定輸出力矩 | | | | | | | | | | 最大加速輸入轉速 n1B | rpm | 1 | 1~5 | 7,500 | 6,500 | 5,500 | 4,500 | 3,500 | 3,000 | 2,200 | 2,000 | 1,700 | | 2 | 7~50 | 8,000 | 8,000 | 6,000 | 6,000 | 6,000 | 6,000 | 4,800 | 3,600 | 3,600 | | 3 | 75~500 | - | - | - | 8,000 | 8,000 | 6,000 | 6,000 | 6,000 | 6,000 | | 標準背隙\* | arcmin | 1 | 1~5 | ≤ 6 | ≤ 6 | ≤ 6 | ≤ 6 | ≤ 6 | ≤ 6 | ≤ 6 | ≤ 6 | ≤ 6 | | 2 | 7~50 | ≤ 8 | ≤ 8 | ≤ 8 | ≤ 8 | ≤ 8 | ≤ 8 | ≤ 8 | ≤ 8 | ≤ 8 | | 3 | 75~500 | - | - | - | ≤ 10 | ≤ 10 | ≤ 10 | ≤ 10 | ≤ 10 | ≤ 10 | | 最大徑向力 F2rB2 輸出 d2 | N | 1,2,3 | 1~500 | 900 | 1,100 | 1,700 | 2,700 | 4,800 | 6,600 | 11,500 | 16,000 | 18,000 | | 最大軸向力 F2aB2 輸出 d2 | N | 1,2,3 | 1~500 | 450 | 550 | 850 | 1,350 | 2,400 | 3,300 | 5,750 | 8,500 | 9,000 | | 使用壽命 | hr | 1 | 1~5 | 20,000\* | | | | | | | | | | 效率 http://www.apexdyna.com/zh/imgs/prod/ui.gif | % | 1 | 1~5 | ≧ 98 % | | | | | | | | | | 2,3 | 7~500 | ≧ 94 % | | | | | | | | | | 重量 | kg | 1 | 1~5 | 2.6 | 4.1 | 6.7 | 11.4 | 18.9 | 32.9 | 63.2 | 92.5 | 146.0 | | 2 | 7~50 | 3.1 | 4.6 | 7.7 | 13.6 | 22.4 | 35.3 | 67.9 | 103.7 | 158.7 | | 3 | 75~500 | - | - | - | 13.3 | 21.9 | 35.6 | 67.2 | 101.5 | 156.5 | | 使用溫度 | ºC | 1,2,3 | 1~500 | -10ºC~90ºC | | | | | | | | | | 潤滑 |  | - | - | Synthetic Iubrication, ISO VG 150 | | | | | | | | | | 噪音值  (n1=1500 rpm,無負載) | dB(A) | 1,2,3 | 1~500 | ≤71 | ≤72 | ≤76 | ≤77 | ≤78 | ≤79 | ≤81 | ≤83 | ≤84 | |

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| 1.減速比 ( i =Nin/Nout ) | 3.轉速在100rpm時，作用於輸入軸中心位置。 |
| \*連續運轉，使用壽命為10,000 hrs. | |
| \*背隙值為在2%額定力矩 T2N的扭力下所測得 | |
| \*AT系列之低摩擦型號, 其輸入/輸出端禁止朝下安裝, 以防止潤滑油洩漏. | |

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| http://www.apexdyna.com/zh/imgs/icon1.gif減速機轉動慣量 |
| |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **規格** | 節數 | 減速比1 | **ATB065FH** | **ATB075FH** | **ATB090FH** | **ATB110FH** | **ATB140FH** | **ATB170FH** | **ATB210FH** | **ATB240FH** | **ATB280FH** | | 轉動慣量J1（kg·cm2） | 1 | 1 | 0.51 | 1.30 | 3.14 | 7.62 | 23.54 | 59.09 | 195.96 | 365.38 | 787.63 | | 1.5 | 0.46 | 1.15 | 2.80 | 6.65 | 19.34 | 49.38 | 156.02 | 279.62 | 584.28 | | 2 | 0.44 | 1.10 | 2.68 | 6.23 | 17.72 | 45.44 | 140.80 | 245.78 | 500.26 | | 3 | 0.43 | 1.09 | 2.64 | 6.08 | 17.16 | 44.11 | 135.51 | 233.75 | 471.56 | | 4 | 0.43 | 1.08 | 2.63 | 6.05 | 17.03 | 43.79 | 134.14 | 230.77 | 464.76 | | 5 | 0.43 | 1.08 | 2.63 | 6.04 | 16.99 | 43.69 | 133.71 | 229.71 | 462.08 | | 2 | 7 | 0.15 | 0.15 | 0.50 | 2.79 | 2.79 | 2.79 | 9.91 | 29.26 | 29.26 | | 10 | 0.15 | 0.15 | 0.50 | 2.80 | 2.80 | 2.80 | 9.96 | 29.43 | 29.43 | | 15 | 0.15 | 0.15 | 0.50 | 2.80 | 2.80 | 2.80 | 9.96 | 29.43 | 29.43 | | 20 | 0.15 | 0.15 | 0.50 | 2.80 | 2.80 | 2.80 | 9.96 | 29.43 | 29.43 | | 25 | 0.15 | 0.15 | 0.50 | 2.80 | 2.80 | 2.80 | 9.96 | 29.43 | 29.43 | | 35 | 0.15 | 0.15 | 0.50 | 2.79 | 2.79 | 2.79 | 9.91 | 29.26 | 29.26 | | 50 | 0.15 | 0.15 | 0.50 | 2.79 | 2.79 | 2.79 | 9.89 | 29.20 | 29.20 | | 3 | 75 | - | - | - | 2.80 | 2.80 | 2.80 | 9.96 | 29.43 | 29.43 | | 100 | - | - | - | 2.80 | 2.80 | 2.80 | 9.96 | 29.43 | 29.43 | | 125 | - | - | - | 2.80 | 2.80 | 2.80 | 9.96 | 29.43 | 29.43 | | 150 | - | - | - | 2.79 | 2.79 | 2.79 | 9.89 | 29.20 | 29.20 | | 200 | - | - | - | 2.79 | 2.79 | 2.79 | 9.89 | 29.20 | 29.20 | | 250 | - | - | - | 2.79 | 2.79 | 2.79 | 9.89 | 29.20 | 29.20 | | 350 | - | - | - | 2.79 | 2.79 | 2.79 | 9.89 | 29.20 | 29.20 | | 500 | - | - | - | 2.79 | 2.79 | 2.79 | 9.89 | 29.20 | 29.20 | |

**产品尺寸**

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**產品尺寸**

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| http://www.apexdyna.com/zh/imgs/icon1.gif單節( 減速比 i = 1 ~ 5 ) |
| http://www.apexdyna.com/zh/imgs/prod/AT-FH-Dimension-s1.gif |

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| 9. C1~C10 是公制標準馬達連接板之尺寸，請至 " 減速機選用 " 找出正確之尺寸。 |
| \*ATB065FHM1 offers C3 <= 12 option. |
| \*ATB075FHM1 offers C3 <= 16 option. |
| \*ATB075FHM2 offers C3 <= 15.875 option. |

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| http://www.apexdyna.com/zh/imgs/icon1.gif2-stage( 減速比 i = 7 ~ 50 ) |
| http://www.apexdyna.com/zh/imgs/prod/AT-FH-Dimension-s2.gif |

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| 10. C1~C10 是公制標準馬達連接板之尺寸，請至 " 減速機選用 " 找出正確之尺寸。 |

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| http://www.apexdyna.com/zh/imgs/icon1.gif3-stage( 減速比 i = 75 ~ 500 ) |
| http://www.apexdyna.com/zh/imgs/prod/AT-FH-Dimension-s3.gif |

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| 11. C1~C10 是公制標準馬達連接板之尺寸，請至 " 減速機選用 " 找出正確之尺寸。 |