

Comprehensive Load Capacity Table — ARONSON GEAR DRIVEN POSITIONERS — Series HD, AB, GE, G — All Models

| MODEL AVAILABLE IN SERIES | D & HD | AB     | GE     | G   | LB-IN MAX. TORQ. |           | INH. O.H. | CG @ 4" | CG @ 6" | CG @ 12" | CG @ 18" | CG @ 24" | CG @ 30" | CG @ 36" | CG @ 42" | CG @ 48" | CG @ 54" | CG @ 60" | CG @ 66" | CG @ 72" |     |
|---------------------------|--------|--------|--------|-----|------------------|-----------|-----------|---------|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----|
|                           |        |        |        |     | Rotation         | Tilt      |           |         |         |          |          |          |          |          |          |          |          |          |          |          |     |
| D5 D10                    | ---    | ---    | ---    | --- | 4000             | 9600      | 5.6       | 1000    | 825     | 545      | 400      | 320      | 260      | 200      | ---      | ---      | ---      | ---      | ---      | ---      | --- |
| HD10                      | ---    | ---    | ---    | --- | 6000             | 16500     | 4.5       | 1000    | 1000    | 1000     | 730      | 580      | 475      | 400      | 350      | 300      | ---      | ---      | ---      | ---      | --- |
| HD20                      | ---    | ---    | ---    | --- | 12000            | 16500     | 4.5       | 2000    | 2000    | 1000     | 730      | 580      | 475      | 400      | 350      | 300      | 280      | 250      | ---      | ---      | --- |
| ---                       | ---    | AB25   | GE25   | --- | 15000            | 27500     | 5.0       | 2500    | 2500    | 1600     | 1200     | 950      | 780      | 670      | 580      | 520      | 460      | 420      | 380      | 350      | --- |
| HD25                      | ---    | ---    | ---    | --- | 15000            | 31875     | 6.8       | 3000    | 2500    | 1700     | 1285     | 1035     | 875      | 750      | 650      | 580      | 520      | 470      | 430      | 400      | --- |
| HD30-6                    | ---    | AB30-6 | GE30-6 | --- | 18000            | 38250     | 6.8       | 3000    | 3000    | 2000     | 1500     | 1200     | 1000     | 900      | 800      | 700      | 620      | 570      | 520      | 480      | --- |
| HD30                      | ---    | ---    | ---    | --- | 36000            | 56250     | 6.8       | 4400    | 4400    | 3000     | 2270     | 1830     | 1530     | 1300     | 1100     | 1000     | 900      | 830      | 760      | 700      | --- |
| ---                       | ---    | AB30   | GE30   | --- | 36000            | 60750     | 8.2       | 4300    | 4300    | 3000     | 2300     | 1880     | 1600     | 1375     | 1200     | 1075     | 975      | 890      | 820      | 750      | --- |
| ---                       | ---    | ---    | 21     | --- | 20000            | 66250     | 7.2       | 5000    | 5000    | 3200     | 2400     | 1800     | 1500     | 1200     | 900      | 700      | 500      | 400      | 300      | 200      | --- |
| HD45                      | ---    | ---    | ---    | --- | 54000            | 84375     | 6.8       | ---     | ---     | 4500     | 3400     | 2750     | 2300     | 1975     | 1720     | 1530     | 1380     | 1250     | 1150     | 1060     | --- |
| ---                       | ---    | AB45   | GE45   | --- | 54000            | 91125     | 8.2       | ---     | ---     | 4500     | 3500     | 2800     | 2400     | 2050     | 1800     | 1600     | 1450     | 1300     | 1200     | 1100     | --- |
| HD60                      | ---    | AB60   | GE60   | --- | 72000            | 123000    | 8.5       | ---     | ---     | 6000     | 4650     | 3790     | 3200     | 2750     | 2400     | 2200     | 1900     | 1700     | 1600     | 1500     | --- |
| ---                       | ---    | AB90   | GE90   | --- | 108000           | 184500    | 8.5       | ---     | ---     | 9000     | 7000     | 5700     | 4800     | 4150     | 3650     | 3250     | 2950     | 2700     | 2480     | 2300     | --- |
| HD100                     | ---    | ---    | ---    | --- | 120000           | 205000    | 8.5       | ---     | ---     | 10000    | 7700     | 6300     | 5300     | 4600     | 4000     | 3600     | 3200     | 3000     | 2700     | 2500     | --- |
| ---                       | ---    | AB120  | GE120  | --- | 144000           | 252000    | 9.0       | ---     | ---     | 12000    | 9300     | 7600     | 6450     | 5600     | 4950     | 4400     | 4000     | 3650     | 3350     | 3100     | --- |
| HD160                     | ---    | ---    | ---    | --- | 192000           | 336000    | 9.0       | ---     | ---     | 16000    | 12400    | 10000    | 8600     | 7400     | 6600     | 5900     | 5300     | 4800     | 4400     | 4000     | --- |
| ---                       | ---    | AB180  | GE180  | --- | 216000           | 369000    | 8.5       | ---     | ---     | 18000    | 13900    | 11350    | 9600     | 8300     | 7300     | 6500     | 5900     | 5400     | 4950     | 4600     | --- |
| HD240                     | ---    | ---    | ---    | --- | 288000           | 504000    | 9.0       | ---     | ---     | 24000    | 18500    | 15000    | 13000    | 11000    | 9800     | 8800     | 8000     | 7300     | 6700     | 6200     | --- |
| ---                       | ---    | AB250  | GE250  | --- | 300000           | 512500    | 8.5       | ---     | ---     | 25000    | 19400    | 15800    | 13300    | 11500    | 10200    | 9000     | 8200     | 7500     | 6900     | 6400     | --- |
| HD400                     | ---    | ---    | ---    | --- | 480000           | 840000    | 9.0       | ---     | ---     | 40000    | 31000    | 25000    | 21500    | 18500    | 16400    | 14600    | 13200    | 12000    | 11000    | 10200    | --- |
| HD500                     | ---    | AB500  | GE500  | --- | 600000           | 1050000   | 8.8       | ---     | ---     | 50000    | 39000    | 32000    | 27000    | 23400    | 20600    | 18500    | 16700    | 15200    | 14000    | 13000    | --- |
| HD600                     | ---    | ---    | ---    | --- | 720000           | 1260000   | 9.0       | ---     | ---     | 60000    | 46500    | 38000    | 32000    | 28000    | 24500    | 22000    | 20000    | 18000    | 16500    | 15500    | --- |
| HD700                     | ---    | ---    | ---    | --- | 840000           | 1470000   | 9.0       | ---     | ---     | 70000    | 54500    | 44500    | 37500    | 32500    | 28500    | 25500    | 23000    | 21000    | 19500    | 18000    | --- |
| ---                       | ---    | AB850  | GE850  | --- | 1020000          | 1800000   | 9.0       | ---     | ---     | 85000    | 66600    | 54500    | 48000    | 42000    | 37000    | 32000    | 29000    | 26000    | 24000    | 22000    | --- |
| ---                       | ---    | AB1200 | GE1200 | --- | 1440000          | 2880000   | 12.0      | ---     | ---     | 120000   | 96000    | 80000    | 68600    | 60000    | 53400    | 48000    | 43600    | 40000    | 37000    | 34200    | --- |
| ---                       | ---    | ---    | ---    | --- | 2640000          | 5400000   | 12.5      | ---     | ---     | 220000   | 177000   | 148000   | 127000   | 111000   | 100000   | 89000    | 81000    | 74000    | 69000    | 64000    | --- |
| ---                       | ---    | ---    | ---    | --- | 2640000          | 5400000   | 14.5      | ---     | ---     | 350000   | 286000   | 240000   | 210000   | 184000   | 160000   | 145000   | 135000   | 125000   | 115000   | 107000   | --- |
| ---                       | ---    | ---    | ---    | --- | 5000000          | 18600000  | 14.5      | ---     | ---     | 700000   | 570000   | 480000   | 420000   | 368000   | 320000   | 290000   | 270000   | 250000   | 230000   | 214000   | --- |
| ---                       | ---    | ---    | ---    | --- | 5000000          | 32000000  | 18.0      | ---     | ---     | 1000000  | 890000   | 760000   | 665000   | 590000   | 540000   | 485000   | 440000   | 410000   | 380000   | 335000   | --- |
| ---                       | ---    | ---    | ---    | --- | 10000000         | 60000000  | 18.0      | ---     | ---     | 2000000  | 1780000  | 1520000  | 1330000  | 1110000  | 1000000  | 900000   | 830000   | 760000   | 710000   | 660000   | --- |
| ---                       | ---    | ---    | ---    | --- | 15000000         | 90000000  | 20.0      | ---     | ---     | 3000000  | 2700000  | 2300000  | 2000000  | 1600000  | 1450000  | 1320000  | 1210000  | 1120000  | 1040000  | 970000   | --- |
| ---                       | ---    | ---    | ---    | --- | 20000000         | 135000000 | 20.0      | ---     | ---     | 4000000  | 3550000  | 3060000  | 2700000  | 2400000  | 2170000  | 1980000  | 1820000  | 1680000  | 1560000  | 1460000  | --- |