

Torque - Hydraulic Double-Acting Actuator

| Actuator Model | Imperial Unit | Stroke Direction | Operating Pressure, psig | | | | | | | | | | | | | | | | | | MinOP psig | MOP psig | | | |
|----------------|---------------|------------------|---------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|------------|----------|------|-------|--------|
| | | | 400 | 500 | 750 | 1000 | 1250 | 1500 | 1750 | 2000 | 2250 | 2500 | 2750 | 3000 | 3250 | 3500 | 3750 | 4000 | 4250 | 4500 | | | 4750 | 5000 | |
| | | | Air Torque Output, lbf-in | | | | | | | | | | | | | | | | | | | | | | |
| GC01x01.5 | Start | Outboard | 1,762 | 2,392 | 3,954 | 5,499 | 7,028 | 8,543 | 10,045 | 11,536 | 13,018 | 14,491 | 15,958 | 17,420 | 18,878 | 20,334 | 21,789 | 23,245 | 24,704 | 26,166 | 27,634 | 29,109 | 400 | 5,000 | |
| | | | Min | 1,227 | 1,610 | 2,563 | 3,510 | 4,449 | 5,383 | 6,312 | 7,237 | 8,157 | 9,075 | 9,989 | 10,902 | 11,813 | 12,723 | 13,633 | 14,543 | 15,454 | 16,367 | 17,282 | | | 18,200 |
| | | | End | 2,538 | 3,445 | 5,694 | 7,919 | 10,121 | 12,303 | 14,466 | 16,614 | 18,748 | 20,870 | 22,982 | 25,087 | 27,187 | 29,283 | 31,379 | 33,476 | 35,577 | 37,683 | 39,797 | | | 41,921 |
| GC01x01.5 | Start | Inboard | 1,291 | 1,887 | 3,359 | 4,805 | 6,230 | 7,633 | 9,019 | 10,388 | 11,744 | 13,088 | 14,422 | 15,749 | 17,071 | 18,389 | 19,707 | 21,026 | 22,348 | 23,676 | 25,012 | 26,358 | 400 | 5,000 | |
| | | | Min | 704 | 956 | 1,583 | 2,202 | 2,816 | 3,423 | 4,025 | 4,623 | 5,217 | 5,808 | 6,396 | 6,982 | 7,566 | 8,150 | 8,733 | 9,317 | 9,901 | 10,487 | 11,076 | | | 11,667 |
| | | | End | 892 | 1,304 | 2,320 | 3,320 | 4,304 | 5,273 | 6,230 | 7,177 | 8,113 | 9,041 | 9,963 | 10,880 | 11,793 | 12,704 | 13,614 | 14,525 | 15,439 | 16,356 | 17,279 | | | 18,208 |
| GC01x01.7 | Start | Outboard | 2,565 | 3,426 | 5,566 | 7,690 | 9,799 | 11,895 | 13,980 | 16,054 | 18,119 | 20,177 | 22,228 | 24,275 | 26,318 | 28,360 | 30,401 | 32,442 | | | | | 400 | 3,939 | |
| | | | Min | 1,738 | 2,261 | 3,563 | 4,860 | 6,150 | 7,435 | 8,716 | 9,992 | 11,265 | 12,534 | 13,801 | 15,066 | 16,330 | 17,593 | 18,856 | 20,119 | | | | | | |
| | | | End | 3,695 | 4,934 | 8,016 | 11,074 | 14,112 | 17,131 | 20,133 | 23,120 | 26,094 | 29,057 | 32,011 | 34,959 | 37,902 | 40,842 | 43,781 | 46,721 | | | | | | |
| GC01x01.7 | Start | Inboard | 2,067 | 2,900 | 4,966 | 7,009 | 9,031 | 11,034 | 13,020 | 14,991 | 16,949 | 18,897 | 20,835 | 22,767 | 24,693 | 26,617 | 28,540 | 30,465 | | | | | 400 | 3,939 | |
| | | | Min | 1,054 | 1,407 | 2,283 | 3,153 | 4,018 | 4,876 | 5,730 | 6,580 | 7,426 | 8,269 | 9,110 | 9,949 | 10,786 | 11,623 | 12,459 | 13,296 | | | | | | |
| | | | End | 1,428 | 2,004 | 3,431 | 4,842 | 6,239 | 7,622 | 8,994 | 10,356 | 11,709 | 13,054 | 14,393 | 15,728 | 17,059 | 18,388 | 19,716 | 21,045 | | | | | | |
| GC01x02.0 | Start | Outboard | 3,534 | 4,658 | 7,451 | 10,221 | 12,971 | 15,703 | 18,418 | 21,119 | 23,807 | 26,484 | 29,153 | 31,816 | | | | | | | | | 400 | 3,015 | |
| | | | Min | 2,344 | 3,027 | 4,728 | 6,420 | 8,103 | 9,779 | 11,449 | 13,113 | 14,771 | 16,426 | 18,076 | 19,725 | | | | | | | | | | |
| | | | End | 5,089 | 6,708 | 10,730 | 14,719 | 18,680 | 22,614 | 26,524 | 30,413 | 34,285 | 38,141 | 41,985 | 45,819 | | | | | | | | | | |
| GC01x02.0 | Start | Inboard | 3,463 | 4,675 | 7,682 | 10,656 | 13,601 | 16,520 | 19,415 | 22,289 | 25,145 | 27,986 | 30,814 | 33,633 | | | | | | | | | 400 | 3,015 | |
| | | | Min | 1,662 | 2,175 | 3,450 | 4,716 | 5,974 | 7,225 | 8,468 | 9,706 | 10,939 | 12,168 | 13,393 | 14,616 | | | | | | | | | | |
| | | | End | 2,392 | 3,230 | 5,307 | 7,362 | 9,396 | 11,412 | 13,412 | 15,398 | 17,371 | 19,333 | 21,287 | 23,234 | | | | | | | | | | |
| GC01x02.2 | Start | Outboard | 4,658 | 6,082 | 9,623 | 13,140 | 16,635 | 20,109 | 23,565 | 27,006 | 30,433 | 33,848 | | | | | | | | | | | 400 | 2,383 | |
| | | | Min | 3,041 | 3,906 | 6,061 | 8,207 | 10,343 | 12,471 | 14,592 | 16,707 | 18,816 | 20,920 | | | | | | | | | | | | |
| | | | End | 6,709 | 8,759 | 13,859 | 18,923 | 23,956 | 28,960 | 33,937 | 38,892 | 43,827 | 48,746 | | | | | | | | | | | | |
| GC01x02.2 | Start | Inboard | 5,087 | 6,733 | 10,821 | 14,874 | 18,895 | 22,886 | 26,852 | 30,795 | 34,718 | 38,625 | | | | | | | | | | | 400 | 2,383 | |
| | | | Min | 2,362 | 3,058 | 4,790 | 6,511 | 8,224 | 9,929 | 11,626 | 13,317 | 15,002 | 16,683 | | | | | | | | | | | | |
| | | | End | 3,514 | 4,651 | 7,475 | 10,275 | 13,053 | 15,810 | 18,550 | 21,274 | 23,984 | 26,683 | | | | | | | | | | | | |
| GC01x02.5 | Start | Outboard | 5,921 | 7,681 | 12,060 | 16,412 | 20,740 | 25,046 | 29,332 | 33,602 | | | | | | | | | | | | | 400 | 1,930 | |
| | | | Min | 3,824 | 4,892 | 7,556 | 10,209 | 12,852 | 15,486 | 18,112 | 20,732 | | | | | | | | | | | | | | |
| | | | End | 8,527 | 11,061 | 17,367 | 23,635 | 29,868 | 36,069 | 42,242 | 48,391 | | | | | | | | | | | | | | |
| GC01x02.5 | Start | Inboard | 6,907 | 9,037 | 14,332 | 19,590 | 24,812 | 30,002 | 35,165 | 40,302 | | | | | | | | | | | | | 400 | 1,930 | |
| | | | Min | 3,146 | 4,046 | 6,287 | 8,517 | 10,738 | 12,950 | 15,154 | 17,350 | | | | | | | | | | | | | | |
| | | | End | 4,772 | 6,243 | 9,901 | 13,533 | 17,140 | 20,726 | 24,292 | 27,842 | | | | | | | | | | | | | | |
| GC01x03.0 | Start | Outboard | 8,872 | 11,409 | 17,728 | 24,016 | 30,276 | | | | | | | | | | | | | | | | 400 | 1,340 | |
| | | | Min | 5,645 | 7,185 | 11,027 | 14,855 | 18,673 | | | | | | | | | | | | | | | | | |
| | | | End | 12,776 | 16,430 | 25,530 | 34,586 | 43,601 | | | | | | | | | | | | | | | | | |
| GC01x03.0 | Start | Inboard | 11,165 | 14,416 | 22,512 | 30,563 | 38,573 | | | | | | | | | | | | | | | | 400 | 1,340 | |
| | | | Min | 4,974 | 6,347 | 9,769 | 13,179 | 16,578 | | | | | | | | | | | | | | | | | |
| | | | End | 7,713 | 9,959 | 15,551 | 21,113 | 26,647 | | | | | | | | | | | | | | | | | |
| GC01x03.5 | Start | Outboard | 12,388 | 15,844 | 24,457 | 33,035 | | | | | | | | | | | | | | | | | 400 | 985 | |
| | | | Min | 7,810 | 9,907 | 15,140 | 20,359 | | | | | | | | | | | | | | | | | | |
| | | | End | 17,840 | 22,817 | 35,221 | 47,574 | | | | | | | | | | | | | | | | | | |
| GC01x03.5 | Start | Inboard | 16,240 | 20,819 | 32,226 | 43,582 | | | | | | | | | | | | | | | | | 400 | 985 | |
| | | | Min | 7,146 | 9,078 | 13,898 | 18,703 | | | | | | | | | | | | | | | | | | |
| | | | End | 11,219 | 14,382 | 22,262 | 30,107 | | | | | | | | | | | | | | | | | | |

Torque - Hydraulic Double-Acting Actuator

| Actuator Model | Imperial Unit | Stroke Direction | Operating Pressure, psig | | | | | | | | | | | | | | | | | | MinOP psig | MOP psig | | |
|----------------|---------------|------------------|---------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|------------|----------|------|-------|
| | | | 400 | 500 | 750 | 1000 | 1250 | 1500 | 1750 | 2000 | 2250 | 2500 | 2750 | 3000 | 3250 | 3500 | 3750 | 4000 | 4250 | 4500 | | | 4750 | 5000 |
| | | | Air Torque Output, lbf-in | | | | | | | | | | | | | | | | | | | | | |
| GC2x01.7 | Start | Outboard | 3,106 | 4,148 | 6,738 | 9,309 | 11,863 | 14,400 | 16,924 | 19,434 | 21,934 | 24,425 | 26,909 | 29,387 | 31,860 | 34,331 | 36,802 | 39,273 | 41,748 | 44,226 | 46,711 | 49,203 | 400 | 4,820 |
| | | | 2,103 | 2,736 | 4,313 | 5,882 | 7,445 | 9,000 | 10,550 | 12,095 | 13,635 | 15,172 | 16,706 | 18,237 | 19,767 | 21,296 | 22,824 | 24,353 | 25,883 | 27,415 | 28,949 | 30,486 | | |
| | | | 4,472 | 5,973 | 9,703 | 13,405 | 17,082 | 20,736 | 24,370 | 27,985 | 31,585 | 35,172 | 38,748 | 42,316 | 45,878 | 49,437 | 52,994 | 56,553 | 60,116 | 63,685 | 67,263 | 70,852 | | |
| GC2x01.7 | Start | Inboard | 2,501 | 3,510 | 6,010 | 8,482 | 10,928 | 13,352 | 15,756 | 18,141 | 20,511 | 22,867 | 25,213 | 27,550 | 29,882 | 32,210 | 34,537 | 36,865 | 39,198 | 41,536 | 43,884 | 46,242 | 400 | 4,820 |
| | | | 1,276 | 1,703 | 2,763 | 3,816 | 4,862 | 5,901 | 6,935 | 7,963 | 8,988 | 10,008 | 11,025 | 12,040 | 13,054 | 14,066 | 15,078 | 16,091 | 17,104 | 18,120 | 19,138 | 20,159 | | |
| | | | 1,729 | 2,426 | 4,154 | 5,863 | 7,554 | 9,230 | 10,891 | 12,540 | 14,178 | 15,807 | 17,429 | 19,044 | 20,656 | 22,266 | 23,874 | 25,484 | 27,096 | 28,713 | 30,335 | 31,966 | | |
| GC2x02.0 | Start | Outboard | 4,278 | 5,639 | 9,019 | 12,373 | 15,702 | 19,009 | 22,296 | 25,566 | 28,820 | 32,061 | 35,292 | 38,515 | 41,733 | 44,946 | 48,159 | | | | | | 400 | 3,691 |
| | | | 2,837 | 3,664 | 5,723 | 7,771 | 9,808 | 11,837 | 13,858 | 15,872 | 17,880 | 19,882 | 21,880 | 23,875 | 25,868 | 27,860 | 29,851 | | | | | | | |
| | | | 6,161 | 8,120 | 12,988 | 17,817 | 22,611 | 27,373 | 32,106 | 36,814 | 41,500 | 46,168 | 50,820 | 55,461 | 60,094 | 64,722 | 69,349 | | | | | | | |
| GC2x02.0 | Start | Inboard | 4,190 | 5,657 | 9,296 | 12,895 | 16,459 | 19,991 | 23,494 | 26,972 | 30,428 | 33,866 | 37,288 | 40,699 | 44,102 | 47,499 | 50,896 | | | | | | 400 | 3,691 |
| | | | 2,011 | 2,632 | 4,175 | 5,708 | 7,230 | 8,743 | 10,249 | 11,747 | 13,239 | 14,726 | 16,209 | 17,688 | 19,165 | 20,641 | 22,116 | | | | | | | |
| | | | 2,896 | 3,911 | 6,426 | 8,914 | 11,378 | 13,819 | 16,241 | 18,645 | 21,034 | 23,410 | 25,776 | 28,134 | 30,486 | 32,835 | 35,183 | | | | | | | |
| GC2x02.2 | Start | Outboard | 5,639 | 7,363 | 11,650 | 15,907 | 20,137 | 24,343 | 28,528 | 32,693 | 36,841 | 40,976 | 45,099 | 49,213 | | | | | | | | | 400 | 2,916 |
| | | | 3,681 | 4,728 | 7,337 | 9,934 | 12,520 | 15,096 | 17,663 | 20,223 | 22,776 | 25,323 | 27,866 | 30,405 | | | | | | | | | | |
| | | | 8,120 | 10,602 | 16,775 | 22,906 | 28,997 | 35,054 | 41,079 | 47,077 | 53,051 | 59,005 | 64,942 | 70,867 | | | | | | | | | | |
| GC2x02.2 | Start | Inboard | 6,156 | 8,147 | 13,094 | 17,999 | 22,864 | 27,695 | 32,494 | 37,265 | 42,013 | 46,740 | 51,451 | 56,149 | | | | | | | | | 400 | 2,916 |
| | | | 2,859 | 3,701 | 5,796 | 7,880 | 9,953 | 12,016 | 14,070 | 16,117 | 18,156 | 20,190 | 22,220 | 24,245 | | | | | | | | | | |
| | | | 4,255 | 5,632 | 9,052 | 12,442 | 15,805 | 19,145 | 22,462 | 25,760 | 29,042 | 32,310 | 35,567 | 38,814 | | | | | | | | | | |
| GC2x02.5 | Start | Outboard | 7,168 | 9,298 | 14,599 | 19,868 | 25,107 | 30,320 | 35,509 | 40,677 | 45,828 | | | | | | | | | | | | 400 | 2,362 |
| | | | 4,628 | 5,922 | 9,146 | 12,357 | 15,556 | 18,745 | 21,924 | 25,095 | 28,258 | | | | | | | | | | | | | |
| | | | 10,322 | 13,389 | 21,022 | 28,609 | 36,154 | 43,660 | 51,132 | 58,575 | 65,991 | | | | | | | | | | | | | |
| GC2x02.5 | Start | Inboard | 8,359 | 10,936 | 17,344 | 23,705 | 30,025 | 36,306 | 42,553 | 48,770 | 54,961 | | | | | | | | | | | | 400 | 2,362 |
| | | | 3,808 | 4,896 | 7,609 | 10,308 | 12,996 | 15,672 | 18,339 | 20,998 | 23,649 | | | | | | | | | | | | | |
| | | | 5,778 | 7,560 | 11,989 | 16,387 | 20,755 | 25,097 | 29,415 | 33,713 | 37,993 | | | | | | | | | | | | | |
| GC2x03.0 | Start | Outboard | 10,740 | 13,811 | 21,461 | 29,073 | 36,651 | 44,199 | | | | | | | | | | | | | | | 400 | 1,640 |
| | | | 6,833 | 8,698 | 13,347 | 17,982 | 22,602 | 27,210 | | | | | | | | | | | | | | | | |
| | | | 15,465 | 19,887 | 30,903 | 41,865 | 52,777 | 63,646 | | | | | | | | | | | | | | | | |
| GC2x03.0 | Start | Inboard | 13,510 | 17,445 | 27,242 | 36,984 | 46,677 | 56,326 | | | | | | | | | | | | | | | 400 | 1,640 |
| | | | 6,019 | 7,681 | 11,823 | 15,950 | 20,063 | 24,164 | | | | | | | | | | | | | | | | |
| | | | 9,339 | 12,059 | 18,831 | 25,566 | 32,266 | 38,936 | | | | | | | | | | | | | | | | |
| GC2x03.5 | Start | Outboard | 14,996 | 19,180 | 29,607 | 39,991 | 50,336 | | | | | | | | | | | | | | | | 400 | 1,205 |
| | | | 9,453 | 11,992 | 18,327 | 24,644 | 30,945 | | | | | | | | | | | | | | | | | |
| | | | 21,594 | 27,618 | 42,633 | 57,586 | 72,483 | | | | | | | | | | | | | | | | | |
| GC2x03.5 | Start | Inboard | 19,653 | 25,193 | 38,996 | 52,739 | 66,425 | | | | | | | | | | | | | | | | 400 | 1,205 |
| | | | 8,649 | 10,987 | 16,820 | 22,635 | 28,435 | | | | | | | | | | | | | | | | | |
| | | | 13,585 | 17,415 | 26,957 | 36,456 | 45,917 | | | | | | | | | | | | | | | | | |
| GC2x04.0 | Start | Outboard | 19,939 | 25,407 | 39,040 | | | | | | | | | | | | | | | | | | 400 | 923 |
| | | | 12,490 | 15,807 | 24,086 | | | | | | | | | | | | | | | | | | | |
| | | | 28,712 | 36,586 | 56,217 | | | | | | | | | | | | | | | | | | | |
| GC2x04.0 | Start | Inboard | 26,783 | 34,175 | 52,604 | | | | | | | | | | | | | | | | | | 400 | 923 |
| | | | 11,694 | 14,813 | 22,597 | | | | | | | | | | | | | | | | | | | |
| | | | 18,514 | 23,624 | 36,363 | | | | | | | | | | | | | | | | | | | |

Torque - Hydraulic Double-Acting Actuator

| Actuator Model | Imperial Unit | Stroke Direction | Operating Pressure, psig | | | | | | | | | | | | | | | | | | MinOP psig | MOP psig | | | |
|----------------|---------------|------------------|---------------------------|--------|--------|---------|---------|---------|---------|---------|---------|---------|--------|--------|---------|---------|---------|---------|---------|---------|------------|----------|------|-------|---------|
| | | | 400 | 500 | 750 | 1000 | 1250 | 1500 | 1750 | 2000 | 2250 | 2500 | 2750 | 3000 | 3250 | 3500 | 3750 | 4000 | 4250 | 4500 | | | 4750 | 5000 | |
| | | | Air Torque Output, lbf-in | | | | | | | | | | | | | | | | | | | | | | |
| GC3x02.0 | Start | Outboard | 5,060 | 6,707 | 10,797 | 14,853 | 18,877 | 22,872 | 26,841 | 30,788 | 34,715 | 38,626 | 42,523 | 46,410 | 50,289 | 54,164 | 58,038 | 61,914 | 65,794 | 69,683 | 73,582 | 77,496 | 400 | 5,000 | |
| | | | Min | 3,405 | 4,411 | 6,916 | 9,407 | 11,885 | 14,351 | 16,807 | 19,253 | 21,692 | 24,124 | 26,550 | 28,972 | 31,391 | 33,809 | 36,226 | 38,644 | 41,063 | 43,486 | 45,913 | | | 48,346 |
| | | | End | 7,381 | 9,783 | 15,750 | 21,665 | 27,535 | 33,362 | 39,152 | 44,909 | 50,638 | 56,342 | 62,027 | 67,696 | 73,355 | 79,008 | 84,658 | 90,312 | 95,972 | 101,644 | 107,332 | | | 113,040 |
| GC3x02.0 | Start | Inboard | 3,596 | 5,052 | 8,654 | 12,206 | 15,710 | 19,174 | 22,599 | 25,992 | 29,355 | 32,695 | 36,015 | 39,320 | 42,615 | 45,903 | 49,189 | 52,477 | 55,773 | 59,080 | 62,404 | 65,747 | 400 | 5,000 | |
| | | | Min | 1,827 | 2,440 | 3,959 | 5,465 | 6,958 | 8,439 | 9,909 | 11,371 | 12,824 | 14,271 | 15,712 | 17,149 | 18,583 | 20,015 | 21,447 | 22,879 | 24,314 | 25,751 | 27,193 | | | 28,641 |
| | | | End | 2,456 | 3,450 | 5,910 | 8,335 | 10,729 | 13,094 | 15,433 | 17,750 | 20,047 | 22,328 | 24,596 | 26,853 | 29,102 | 31,348 | 33,592 | 35,838 | 38,088 | 40,347 | 42,616 | | | 44,900 |
| GC3x02.2 | Start | Outboard | 6,709 | 8,795 | 13,983 | 19,132 | 24,248 | 29,332 | 34,388 | 39,419 | 44,430 | 49,422 | 54,399 | 59,366 | 64,324 | 69,278 | 74,230 | 79,184 | 84,144 | | | | 400 | 4,192 | |
| | | | Min | 4,433 | 5,707 | 8,882 | 12,041 | 15,186 | 18,318 | 21,439 | 24,550 | 27,652 | 30,748 | 33,837 | 36,921 | 40,003 | 43,082 | 46,161 | 49,241 | 52,322 | | | | | |
| | | | End | 9,786 | 12,829 | 20,396 | 27,908 | 35,369 | 42,785 | 50,160 | 57,500 | 64,808 | 72,090 | 79,351 | 86,595 | 93,827 | 101,053 | 108,277 | 115,503 | 122,738 | | | | | |
| GC3x02.2 | Start | Inboard | 6,006 | 8,106 | 13,312 | 18,464 | 23,565 | 28,621 | 33,635 | 38,614 | 43,562 | 48,483 | 53,383 | 58,267 | 63,139 | 68,004 | 72,867 | 77,733 | 82,606 | | | | 400 | 4,192 | |
| | | | Min | 2,859 | 3,741 | 5,933 | 8,109 | 10,272 | 12,422 | 14,561 | 16,689 | 18,809 | 20,922 | 23,028 | 25,130 | 27,229 | 29,326 | 31,422 | 33,519 | 35,618 | | | | | |
| | | | End | 4,102 | 5,535 | 9,091 | 12,609 | 16,093 | 19,545 | 22,970 | 26,370 | 29,749 | 33,110 | 36,456 | 39,791 | 43,119 | 46,441 | 49,762 | 53,085 | 56,413 | | | | | |
| GC3x02.5 | Start | Outboard | 8,560 | 11,139 | 17,554 | 23,929 | 30,266 | 36,569 | 42,842 | 49,089 | 55,312 | 61,516 | 67,704 | 73,880 | 80,047 | 86,209 | | | | | | | 400 | 3,395 | |
| | | | Min | 5,586 | 7,160 | 11,084 | 14,991 | 18,883 | 22,761 | 26,626 | 30,481 | 34,327 | 38,165 | 41,996 | 45,822 | 49,645 | 53,466 | | | | | | | | |
| | | | End | 12,487 | 16,248 | 25,606 | 34,904 | 44,148 | 53,343 | 62,493 | 71,604 | 80,682 | 89,732 | 98,758 | 107,766 | 116,762 | 125,750 | | | | | | | | |
| GC3x02.5 | Start | Inboard | 8,711 | 11,529 | 18,529 | 25,470 | 32,356 | 39,192 | 45,984 | 52,737 | 59,457 | 66,148 | 72,816 | 79,466 | 86,103 | 92,733 | | | | | | | 400 | 3,395 | |
| | | | Min | 4,015 | 5,198 | 8,141 | 11,068 | 13,979 | 16,877 | 19,763 | 22,637 | 25,502 | 28,360 | 31,210 | 34,056 | 36,898 | 39,738 | | | | | | | | |
| | | | End | 5,949 | 7,873 | 12,654 | 17,394 | 22,096 | 26,765 | 31,403 | 36,015 | 40,604 | 45,174 | 49,727 | 54,269 | 58,801 | 63,329 | | | | | | | | |
| GC3x03.0 | Start | Outboard | 12,886 | 16,604 | 25,864 | 35,077 | 44,247 | 53,378 | 62,474 | 71,539 | 80,577 | | | | | | | | | | | | 400 | 2,358 | |
| | | | Min | 8,270 | 10,540 | 16,199 | 21,838 | 27,461 | 33,067 | 38,659 | 44,239 | 49,807 | | | | | | | | | | | | | |
| | | | End | 18,796 | 24,220 | 37,728 | 51,166 | 64,542 | 77,861 | 91,128 | 104,351 | 117,535 | | | | | | | | | | | | | |
| GC3x03.0 | Start | Inboard | 15,025 | 19,507 | 30,661 | 41,745 | 52,766 | 63,730 | 74,643 | 85,512 | 96,341 | | | | | | | | | | | | 400 | 2,358 | |
| | | | Min | 6,706 | 8,585 | 13,268 | 17,932 | 22,578 | 27,208 | 31,824 | 36,427 | 41,019 | | | | | | | | | | | | | |
| | | | End | 10,261 | 13,322 | 20,939 | 28,508 | 36,035 | 43,523 | 50,975 | 58,397 | 65,793 | | | | | | | | | | | | | |
| GC3x03.5 | Start | Outboard | 18,040 | 23,106 | 35,730 | 48,300 | 60,820 | 73,297 | 85,734 | | | | | | | | | | | | | | 400 | 1,732 | |
| | | | Min | 11,460 | 14,551 | 22,261 | 29,949 | 37,618 | 45,268 | 52,902 | | | | | | | | | | | | | | | |
| | | | End | 26,315 | 33,704 | 52,118 | 70,453 | 88,717 | 106,916 | 125,057 | | | | | | | | | | | | | | | |
| GC3x03.5 | Start | Inboard | 22,557 | 29,008 | 45,076 | 61,065 | 76,983 | 92,835 | 108,630 | | | | | | | | | | | | | | 400 | 1,732 | |
| | | | Min | 9,906 | 12,609 | 19,350 | 26,069 | 32,767 | 39,448 | 46,113 | | | | | | | | | | | | | | | |
| | | | End | 15,405 | 19,810 | 30,783 | 41,702 | 52,573 | 63,399 | 74,186 | | | | | | | | | | | | | | | |
| GC3x04.0 | Start | Outboard | 24,027 | 30,648 | 47,154 | 63,601 | 79,992 | | | | | | | | | | | | | | | | 400 | 1,326 | |
| | | | Min | 15,157 | 19,195 | 29,273 | 39,326 | 49,358 | | | | | | | | | | | | | | | | | |
| | | | End | 35,047 | 44,705 | 68,782 | 92,772 | 116,682 | | | | | | | | | | | | | | | | | |
| GC3x04.0 | Start | Inboard | 31,301 | 40,023 | 61,762 | 83,413 | 104,985 | | | | | | | | | | | | | | | | 400 | 1,326 | |
| | | | Min | 13,613 | 17,267 | 26,382 | 35,472 | 44,541 | | | | | | | | | | | | | | | | | |
| | | | End | 21,376 | 27,332 | 42,178 | 56,964 | 71,696 | | | | | | | | | | | | | | | | | |
| GC3x04.5 | Start | Outboard | 30,845 | 39,229 | 60,138 | 80,981 | | | | | | | | | | | | | | | | | 400 | 1,048 | |
| | | | Min | 19,360 | 24,473 | 37,235 | 49,970 | | | | | | | | | | | | | | | | | | |
| | | | End | 44,992 | 57,221 | 87,721 | 118,124 | | | | | | | | | | | | | | | | | | |
| GC3x04.5 | Start | Inboard | 41,259 | 52,556 | 80,726 | 108,799 | | | | | | | | | | | | | | | | | 400 | 1,048 | |
| | | | Min | 17,828 | 22,559 | 34,366 | 46,146 | | | | | | | | | | | | | | | | | | |
| | | | End | 28,177 | 35,892 | 55,129 | 74,300 | | | | | | | | | | | | | | | | | | |

Torque - Hydraulic Double-Acting Actuator

| Actuator Model | Imperial Unit | Stroke Direction | Operating Pressure, psig | | | | | | | | | | | | | | | | | | MinOP psig | MOP psig | | |
|----------------|---------------|------------------|---------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------------|----------|------|-------|
| | | | 400 | 500 | 750 | 1000 | 1250 | 1500 | 1750 | 2000 | 2250 | 2500 | 2750 | 3000 | 3250 | 3500 | 3750 | 4000 | 4250 | 4500 | | | 4750 | 5000 |
| | | | Air Torque Output, lbf-in | | | | | | | | | | | | | | | | | | | | | |
| GC4x02.5 | Start | Outboard | 10,287 | 13,429 | 21,240 | 28,988 | 36,680 | 44,320 | 51,915 | 59,469 | 66,989 | 74,479 | 81,946 | 89,393 | 96,828 | 104,255 | 111,680 | 119,108 | 126,544 | 133,995 | 141,465 | 148,960 | 400 | 5,000 |
| | | | 6,717 | 8,627 | 13,383 | 18,114 | 22,823 | 27,510 | 32,179 | 36,832 | 41,471 | 46,098 | 50,715 | 55,325 | 59,929 | 64,530 | 69,131 | 73,732 | 78,338 | 82,948 | 87,567 | 92,196 | | |
| | | | 14,819 | 19,346 | 30,598 | 41,760 | 52,841 | 63,848 | 74,789 | 85,672 | 96,505 | 107,295 | 118,051 | 128,780 | 139,491 | 150,190 | 160,886 | 171,587 | 182,300 | 193,033 | 203,794 | 214,592 | | |
| GC4x02.5 | Min | Inboard | 8,257 | 11,145 | 18,299 | 25,363 | 32,345 | 39,253 | 46,096 | 52,880 | 59,615 | 66,306 | 72,963 | 79,594 | 86,205 | 92,806 | 99,403 | 106,005 | 112,619 | 119,253 | 125,916 | 132,614 | 400 | 5,000 |
| | | | 3,963 | 5,186 | 8,222 | 11,234 | 14,223 | 17,191 | 20,140 | 23,074 | 25,993 | 28,900 | 31,797 | 34,687 | 37,572 | 40,453 | 43,334 | 46,216 | 49,101 | 51,992 | 54,891 | 57,800 | | |
| | | | 5,705 | 7,701 | 12,644 | 17,525 | 22,349 | 27,123 | 31,851 | 36,539 | 41,192 | 45,816 | 50,415 | 54,997 | 59,565 | 64,126 | 68,684 | 73,246 | 77,816 | 82,400 | 87,004 | 91,632 | | |
| GC4x03.0 | Start | Outboard | 15,567 | 20,102 | 31,385 | 42,598 | 53,748 | 64,841 | 75,882 | 86,877 | 97,834 | 108,757 | 119,653 | 130,529 | 141,390 | 152,242 | 163,091 | 173,944 | | | | | 400 | 3,884 |
| | | | 9,978 | 12,731 | 19,595 | 26,430 | 33,240 | 40,027 | 46,792 | 53,540 | 60,271 | 66,989 | 73,697 | 80,396 | 87,089 | 93,778 | 100,466 | 107,156 | | | | | | |
| | | | 22,426 | 28,958 | 45,213 | 61,367 | 77,430 | 93,410 | 109,315 | 125,155 | 140,939 | 156,675 | 172,373 | 188,040 | 203,686 | 219,319 | 234,949 | 250,584 | | | | | | |
| GC4x03.0 | Min | Inboard | 15,873 | 20,769 | 32,931 | 44,994 | 56,964 | 68,851 | 80,665 | 92,412 | 104,103 | 115,747 | 127,351 | 138,926 | 150,479 | 162,019 | 173,556 | 185,099 | | | | | 400 | 3,884 |
| | | | 7,232 | 9,301 | 14,451 | 19,572 | 24,668 | 29,741 | 34,793 | 39,826 | 44,843 | 49,847 | 54,840 | 59,825 | 64,804 | 69,779 | 74,753 | 79,729 | | | | | | |
| | | | 10,968 | 14,350 | 22,755 | 31,089 | 39,360 | 47,574 | 55,737 | 63,854 | 71,932 | 79,977 | 87,996 | 95,993 | 103,976 | 111,950 | 119,922 | 127,897 | | | | | | |
| GC4x03.5 | Start | Outboard | 21,861 | 28,040 | 43,429 | 58,741 | 73,982 | 89,159 | 104,279 | 119,348 | 134,375 | 149,364 | 164,323 | | | | | | | | | | 400 | 2,853 |
| | | | 13,852 | 17,603 | 26,957 | 36,281 | 45,575 | 54,844 | 64,090 | 73,316 | 82,524 | 91,717 | 100,897 | | | | | | | | | | | |
| | | | 31,492 | 40,394 | 62,564 | 84,622 | 106,578 | 128,442 | 150,224 | 171,933 | 193,580 | 215,174 | 236,724 | | | | | | | | | | | |
| GC4x03.5 | Min | Inboard | 24,958 | 32,228 | 50,318 | 68,297 | 86,173 | 103,957 | 121,659 | 139,288 | 156,854 | 174,367 | 191,837 | | | | | | | | | | 400 | 2,853 |
| | | | 11,120 | 14,189 | 21,839 | 29,457 | 37,047 | 44,611 | 52,151 | 59,672 | 67,174 | 74,662 | 82,137 | | | | | | | | | | | |
| | | | 17,245 | 22,269 | 34,768 | 47,191 | 59,543 | 71,831 | 84,062 | 96,244 | 108,381 | 120,482 | 132,553 | | | | | | | | | | | |
| GC4x04.0 | Start | Outboard | 29,169 | 37,247 | 57,377 | 77,421 | 97,388 | 117,284 | 137,118 | 156,896 | 176,626 | | | | | | | | | | | | 400 | 2,184 |
| | | | 18,341 | 23,243 | 35,473 | 47,669 | 59,833 | 71,969 | 84,080 | 96,168 | 108,236 | | | | | | | | | | | | | |
| | | | 42,021 | 53,658 | 82,657 | 111,533 | 140,297 | 168,960 | 197,532 | 226,024 | 254,448 | | | | | | | | | | | | | |
| GC4x04.0 | Min | Inboard | 35,505 | 45,514 | 70,445 | 95,253 | 119,949 | 144,543 | 169,047 | 193,470 | 217,825 | | | | | | | | | | | | 400 | 2,184 |
| | | | 15,623 | 19,848 | 30,382 | 40,881 | 51,350 | 61,789 | 72,204 | 82,595 | 92,968 | | | | | | | | | | | | | |
| | | | 24,533 | 31,449 | 48,675 | 65,817 | 82,881 | 99,875 | 116,806 | 133,682 | 150,510 | | | | | | | | | | | | | |
| GC4x04.5 | Start | Outboard | 37,455 | 47,676 | 73,141 | 98,493 | 123,740 | 148,894 | 173,963 | | | | | | | | | | | | | | 400 | 1,726 |
| | | | 23,430 | 29,633 | 45,108 | 60,536 | 75,922 | 91,270 | 106,585 | | | | | | | | | | | | | | | |
| | | | 53,958 | 68,682 | 105,368 | 141,889 | 178,261 | 214,496 | 250,611 | | | | | | | | | | | | | | | |
| GC4x04.5 | Min | Inboard | 47,462 | 60,564 | 93,195 | 125,661 | 157,977 | 190,157 | 222,216 | | | | | | | | | | | | | | 400 | 1,726 |
| | | | 20,729 | 26,258 | 40,047 | 53,789 | 67,489 | 81,151 | 94,779 | | | | | | | | | | | | | | | |
| | | | 32,795 | 41,848 | 64,394 | 86,828 | 109,157 | 131,392 | 153,544 | | | | | | | | | | | | | | | |
| GC4x05.0 | Start | Outboard | 46,790 | 59,415 | 90,886 | 122,232 | 153,464 | | | | | | | | | | | | | | | | 400 | 1,398 |
| | | | 29,148 | 36,810 | 55,926 | 74,993 | 94,014 | | | | | | | | | | | | | | | | | |
| | | | 67,405 | 85,594 | 130,930 | 176,087 | 221,080 | | | | | | | | | | | | | | | | | |
| GC4x05.0 | Min | Inboard | 60,932 | 77,504 | 118,800 | 159,916 | 200,869 | | | | | | | | | | | | | | | | 400 | 1,398 |
| | | | 26,464 | 33,457 | 50,899 | 68,291 | 85,637 | | | | | | | | | | | | | | | | | |
| | | | 42,102 | 53,553 | 82,087 | 110,497 | 138,794 | | | | | | | | | | | | | | | | | |
| GC4x06.0 | Start | Outboard | 68,499 | 86,695 | 132,075 | 177,310 | | | | | | | | | | | | | | | | | 400 | 971 |
| | | | 42,426 | 53,465 | 81,018 | 108,513 | | | | | | | | | | | | | | | | | | |
| | | | 98,680 | 124,893 | 190,268 | 255,434 | | | | | | | | | | | | | | | | | | |
| GC4x06.0 | Min | Inboard | 92,260 | 116,870 | 178,238 | 239,397 | | | | | | | | | | | | | | | | | 400 | 971 |
| | | | 39,784 | 50,164 | 76,070 | 101,917 | | | | | | | | | | | | | | | | | | |
| | | | 63,749 | 80,753 | 123,157 | 165,416 | | | | | | | | | | | | | | | | | | |

Torque - Hydraulic Double-Acting Actuator

| Actuator Model | Imperial Unit | Stroke Direction | Operating Pressure, psig | | | | | | | | | | | | | | | | | MinOP psig | MOP psig | | | | |
|----------------|---------------|------------------|---------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------------|----------|---------|------|-------|---------|
| | | | 400 | 500 | 750 | 1000 | 1250 | 1500 | 1750 | 2000 | 2250 | 2500 | 2750 | 3000 | 3250 | 3500 | 3750 | 4000 | 4250 | | | 4500 | 4750 | 5000 | |
| | | | Air Torque Output, lbf-in | | | | | | | | | | | | | | | | | | | | | | |
| GC5x03.5 | Start | Outboard | 27,809 | 35,777 | 55,585 | 75,247 | 94,774 | 114,180 | 133,477 | 152,679 | 171,798 | 190,848 | 209,840 | 228,789 | 247,706 | 266,606 | 285,500 | 304,401 | 323,323 | 342,278 | 361,280 | 380,341 | 400 | 5,000 | |
| | | | Min | 17,731 | 22,574 | 34,637 | 46,640 | 58,589 | 70,490 | 82,346 | 94,164 | 105,948 | 117,704 | 129,437 | 141,153 | 152,855 | 164,551 | 176,244 | 187,941 | 199,645 | 211,363 | 223,100 | | | 234,861 |
| | | | End | 40,067 | 51,546 | 80,085 | 108,412 | 136,546 | 164,505 | 192,308 | 219,973 | 247,519 | 274,965 | 302,328 | 329,629 | 356,884 | 384,113 | 411,335 | 438,567 | 465,829 | 493,139 | 520,516 | | | 547,978 |
| GC5x03.5 | Start | Inboard | 24,981 | 32,691 | 51,806 | 70,708 | 89,418 | 107,952 | 126,330 | 144,569 | 162,690 | 180,710 | 198,648 | 216,523 | 234,353 | 252,156 | 269,952 | 287,759 | 305,595 | 323,480 | 341,431 | 359,467 | 400 | 5,000 | |
| | | | Min | 11,404 | 14,666 | 22,777 | 30,828 | 38,825 | 46,773 | 54,677 | 62,542 | 70,374 | 78,177 | 85,958 | 93,720 | 101,470 | 109,213 | 116,953 | 124,696 | 132,448 | 140,214 | 147,998 | | | 155,806 |
| | | | End | 17,277 | 22,609 | 35,829 | 48,902 | 61,842 | 74,660 | 87,370 | 99,985 | 112,517 | 124,980 | 137,386 | 149,748 | 162,079 | 174,392 | 186,700 | 199,015 | 211,351 | 223,720 | 236,135 | | | 248,609 |
| GC5x04.0 | Start | Outboard | 37,252 | 47,673 | 73,604 | 99,374 | 124,998 | 150,490 | 175,863 | 201,133 | 226,312 | 251,415 | 276,456 | 301,449 | 326,408 | 351,347 | 376,280 | 401,222 | | | | | 400 | 3,858 | |
| | | | Min | 23,534 | 29,866 | 45,645 | 61,359 | 77,014 | 92,616 | 108,170 | 123,682 | 139,157 | 154,602 | 170,021 | 185,421 | 200,808 | 216,186 | 231,562 | 246,942 | | | | | | |
| | | | End | 53,671 | 68,685 | 106,045 | 143,174 | 180,092 | 216,819 | 253,376 | 289,783 | 326,060 | 362,227 | 398,305 | 434,313 | 470,273 | 506,204 | 542,127 | 578,062 | | | | | | |
| GC5x04.0 | Start | Inboard | 38,602 | 49,850 | 77,796 | 105,511 | 133,014 | 160,327 | 187,469 | 214,461 | 241,323 | 268,074 | 294,737 | 321,330 | 347,874 | 374,390 | 400,897 | 427,416 | | | | | 400 | 3,858 | |
| | | | Min | 17,223 | 21,978 | 33,815 | 45,588 | 57,302 | 68,961 | 80,573 | 92,143 | 103,676 | 115,178 | 126,655 | 138,112 | 149,556 | 160,992 | 172,425 | 183,862 | | | | | | |
| | | | End | 26,697 | 34,476 | 53,804 | 72,972 | 91,993 | 110,883 | 129,655 | 148,322 | 166,900 | 185,402 | 203,841 | 222,233 | 240,591 | 258,930 | 277,262 | 295,603 | | | | | | |
| GC5x04.5 | Start | Outboard | 48,008 | 61,209 | 94,083 | 126,783 | 159,325 | 191,723 | 223,992 | 256,149 | 288,209 | 320,185 | 352,095 | 383,953 | | | | | | | | | 400 | 3,049 | |
| | | | Min | 30,133 | 38,152 | 58,145 | 78,067 | 97,926 | 117,726 | 137,475 | 157,178 | 176,842 | 196,472 | 216,075 | 235,657 | | | | | | | | | | |
| | | | End | 69,167 | 88,188 | 135,551 | 182,663 | 229,548 | 276,225 | 322,718 | 369,048 | 415,238 | 461,309 | 507,283 | 553,182 | | | | | | | | | | |
| GC5x04.5 | Start | Inboard | 54,116 | 69,375 | 107,336 | 145,047 | 182,528 | 219,802 | 256,892 | 293,819 | 330,605 | 367,272 | 403,842 | 440,337 | | | | | | | | | 400 | 3,049 | |
| | | | Min | 23,841 | 30,287 | 46,350 | 62,343 | 78,271 | 94,142 | 109,960 | 125,732 | 141,465 | 157,165 | 172,837 | 188,489 | | | | | | | | | | |
| | | | End | 37,427 | 47,980 | 74,234 | 100,315 | 126,237 | 152,016 | 177,668 | 203,207 | 228,648 | 254,007 | 279,299 | 304,539 | | | | | | | | | | |
| GC5x05.0 | Start | Outboard | 60,076 | 76,387 | 117,024 | 157,474 | 197,753 | 237,877 | 277,864 | 317,729 | 357,489 | 397,160 | | | | | | | | | | | 400 | 2,469 | |
| | | | Min | 37,528 | 47,432 | 72,136 | 96,764 | 121,323 | 145,820 | 170,261 | 194,653 | 219,002 | 243,315 | | | | | | | | | | | | |
| | | | End | 86,554 | 110,054 | 168,602 | 226,881 | 284,913 | 342,723 | 400,334 | 457,769 | 515,054 | 572,210 | | | | | | | | | | | | |
| GC5x05.0 | Start | Inboard | 71,518 | 91,262 | 140,418 | 189,303 | 237,943 | 286,360 | 334,577 | 382,619 | 430,510 | 478,272 | | | | | | | | | | | 400 | 2,469 | |
| | | | Min | 31,254 | 39,591 | 60,377 | 81,087 | 101,728 | 122,306 | 142,828 | 163,302 | 183,732 | 204,126 | | | | | | | | | | | | |
| | | | End | 49,463 | 63,117 | 97,113 | 130,923 | 164,562 | 198,048 | 231,395 | 264,621 | 297,743 | 330,775 | | | | | | | | | | | | |
| GC5x06.0 | Start | Outboard | 88,143 | 111,655 | 170,276 | 228,682 | 286,893 | 344,928 | 402,805 | | | | | | | | | | | | | | 400 | 1,715 | |
| | | | Min | 54,701 | 68,972 | 104,587 | 140,116 | 175,565 | 210,944 | 246,258 | | | | | | | | | | | | | | | |
| | | | End | 126,992 | 160,868 | 245,325 | 329,475 | 413,343 | 496,957 | 580,344 | | | | | | | | | | | | | | | |
| GC5x06.0 | Start | Inboard | 112,008 | 142,140 | 217,239 | 292,029 | 366,538 | 440,792 | 514,818 | | | | | | | | | | | | | | 400 | 1,715 | |
| | | | Min | 48,476 | 61,194 | 92,923 | 124,565 | 156,128 | 187,619 | 219,047 | | | | | | | | | | | | | | | |
| | | | End | 77,465 | 98,305 | 150,244 | 201,969 | 253,499 | 304,854 | 356,051 | | | | | | | | | | | | | | | |
| GC5x07.0 | Start | Outboard | 121,460 | 153,486 | 233,372 | 313,016 | 392,441 | | | | | | | | | | | | | | | | 400 | 1,260 | |
| | | | Min | 75,056 | 94,491 | 143,006 | 191,424 | 239,753 | | | | | | | | | | | | | | | | | |
| | | | End | 174,994 | 221,136 | 336,231 | 450,980 | 565,412 | | | | | | | | | | | | | | | | | |
| GC5x07.0 | Start | Inboard | 160,062 | 202,473 | 308,242 | 413,664 | 518,769 | | | | | | | | | | | | | | | | 400 | 1,260 | |
| | | | Min | 68,886 | 86,781 | 131,445 | 176,011 | 220,488 | | | | | | | | | | | | | | | | | |
| | | | End | 110,699 | 140,031 | 213,182 | 286,092 | 358,783 | | | | | | | | | | | | | | | | | |
| GC5x08.0 | Start | Outboard | 159,843 | 201,649 | 305,891 | 409,768 | | | | | | | | | | | | | | | | | 400 | 965 | |
| | | | Min | 98,516 | 123,891 | 187,218 | 250,397 | | | | | | | | | | | | | | | | | | |
| | | | End | 230,294 | 290,527 | 440,714 | 590,375 | | | | | | | | | | | | | | | | | | |
| GC5x08.0 | Start | Inboard | 215,431 | 271,951 | 412,856 | 553,234 | | | | | | | | | | | | | | | | | 400 | 965 | |
| | | | Min | 92,414 | 116,266 | 175,784 | 235,154 | | | | | | | | | | | | | | | | | | |
| | | | End | 148,993 | 188,083 | 285,533 | 382,619 | | | | | | | | | | | | | | | | | | |

Torque - Hydraulic Double-Acting Actuator

| Actuator Model | Imperial Unit | Stroke Direction | Operating Pressure, psig | | | | | | | | | | | | | | | | | | MinOP psig | MOP psig | | |
|----------------|---------------|------------------|---------------------------|---------|---------|---------|---------|---------|---------|---------|---------|-----------|-----------|---------|---------|---------|-----------|-----------|---------|-----------|------------|-----------|------|-------|
| | | | 400 | 500 | 750 | 1000 | 1250 | 1500 | 1750 | 2000 | 2250 | 2500 | 2750 | 3000 | 3250 | 3500 | 3750 | 4000 | 4250 | 4500 | | | 4750 | 5000 |
| | | | Air Torque Output, lbf-in | | | | | | | | | | | | | | | | | | | | | |
| GC7x04.0 | Start | Outboard | 45,527 | 58,326 | 90,169 | 121,808 | 153,259 | 184,540 | 215,670 | 246,667 | 277,548 | 308,332 | 339,037 | 369,680 | 400,280 | 430,854 | 461,421 | 491,998 | 522,604 | 553,257 | 583,974 | 614,773 | 400 | 5,000 |
| | Min | | 28,826 | 36,605 | 55,992 | 75,295 | 94,522 | 113,681 | 132,779 | 151,823 | 170,820 | 189,778 | 208,704 | 227,605 | 246,489 | 265,362 | 284,232 | 303,106 | 321,992 | 340,897 | 359,828 | 378,792 | | |
| | End | | 65,588 | 84,026 | 129,901 | 175,480 | 220,790 | 265,855 | 310,702 | 355,357 | 399,846 | 444,194 | 488,428 | 532,573 | 576,656 | 620,703 | 664,738 | 708,789 | 752,881 | 797,040 | 841,293 | 885,664 | | |
| GC7x04.0 | Start | Inboard | 42,133 | 54,710 | 85,931 | 116,857 | 147,512 | 177,922 | 208,115 | 238,115 | 267,948 | 297,641 | 327,220 | 356,709 | 386,137 | 415,527 | 444,907 | 474,303 | 503,739 | 533,242 | 562,839 | 592,555 | 400 | 5,000 |
| | Min | | 18,988 | 24,310 | 37,552 | 50,711 | 63,793 | 76,807 | 89,760 | 102,659 | 115,510 | 128,323 | 141,103 | 153,858 | 166,596 | 179,323 | 192,047 | 204,776 | 217,516 | 230,275 | 243,060 | 255,879 | | |
| | End | | 29,139 | 37,838 | 59,430 | 80,818 | 102,020 | 123,052 | 143,933 | 164,681 | 185,314 | 205,849 | 226,306 | 246,701 | 267,053 | 287,380 | 307,699 | 328,029 | 348,387 | 368,792 | 389,261 | 409,813 | | |
| GC7x04.5 | Start | Outboard | 58,741 | 74,957 | 115,331 | 155,483 | 195,432 | 235,199 | 274,802 | 314,261 | 353,595 | 392,824 | 431,968 | 471,045 | 510,075 | 549,078 | 588,073 | 627,079 | 666,116 | 705,203 | 744,360 | 783,607 | 400 | 4,813 |
| | Min | | 36,936 | 46,789 | 71,354 | 95,829 | 120,222 | 144,541 | 168,795 | 192,990 | 217,134 | 241,237 | 265,304 | 289,345 | 313,366 | 337,377 | 361,384 | 385,396 | 409,421 | 433,466 | 457,539 | 481,648 | | |
| | End | | 84,624 | 107,986 | 166,149 | 223,994 | 281,546 | 338,835 | 395,889 | 452,735 | 509,401 | 565,916 | 622,308 | 678,603 | 734,832 | 791,020 | 847,198 | 903,391 | 959,629 | 1,015,940 | 1,072,351 | 1,128,890 | | |
| GC7x04.5 | Start | Inboard | 61,192 | 78,697 | 122,222 | 165,427 | 208,339 | 250,988 | 293,401 | 335,607 | 377,632 | 419,506 | 461,256 | 502,911 | 544,498 | 586,045 | 627,581 | 669,133 | 710,729 | 752,399 | 794,168 | 836,067 | 400 | 4,813 |
| | Min | | 27,122 | 34,524 | 52,959 | 71,305 | 89,568 | 107,758 | 125,881 | 143,946 | 161,960 | 179,932 | 197,869 | 215,778 | 233,669 | 251,549 | 269,426 | 287,307 | 305,201 | 323,115 | 341,057 | 359,035 | | |
| | End | | 42,320 | 54,427 | 84,529 | 114,410 | 144,088 | 173,584 | 202,917 | 232,107 | 261,172 | 290,132 | 319,006 | 347,815 | 376,576 | 405,310 | 434,037 | 462,774 | 491,543 | 520,361 | 549,249 | 578,226 | | |
| GC7x05.0 | Start | Outboard | 73,568 | 93,604 | 143,516 | 193,189 | 242,645 | 291,905 | 340,989 | 389,918 | 438,713 | 487,396 | 535,986 | 584,505 | 632,974 | 681,413 | 729,843 | 778,286 | | | | | 400 | 3,898 |
| | Min | | 46,024 | 58,195 | 88,549 | 118,807 | 148,978 | 179,068 | 209,088 | 239,046 | 268,949 | 298,806 | 328,627 | 358,418 | 388,189 | 417,948 | 447,704 | 477,465 | | | | | | |
| | End | | 105,984 | 134,849 | 206,753 | 278,315 | 349,563 | 420,528 | 491,240 | 561,729 | 632,025 | 702,159 | 772,160 | 842,058 | 911,883 | 981,667 | 1,051,437 | 1,121,226 | | | | | | |
| GC7x05.0 | Start | Inboard | 82,577 | 105,592 | 162,874 | 219,812 | 276,436 | 332,777 | 388,864 | 444,729 | 500,400 | 555,908 | 611,284 | 666,557 | 721,757 | 776,915 | 832,060 | 887,223 | | | | | 400 | 3,898 |
| | Min | | 36,237 | 45,963 | 70,205 | 94,351 | 118,408 | 142,386 | 166,293 | 190,137 | 213,926 | 237,670 | 261,377 | 285,054 | 308,712 | 332,357 | 355,998 | 379,645 | | | | | | |
| | End | | 57,110 | 73,028 | 112,644 | 152,022 | 191,184 | 230,149 | 268,940 | 307,576 | 346,078 | 384,468 | 422,766 | 460,993 | 499,169 | 537,316 | 575,455 | 613,606 | | | | | | |
| GC7x06.0 | Start | Outboard | 108,051 | 136,935 | 208,941 | 280,676 | 352,164 | 423,428 | 494,492 | 565,381 | 636,117 | 706,724 | 777,226 | | | | | | | | | | 400 | 2,707 |
| | Min | | 67,129 | 84,667 | 128,431 | 172,086 | 215,640 | 259,105 | 302,488 | 345,800 | 389,051 | 432,249 | 475,406 | | | | | | | | | | | |
| | End | | 155,662 | 197,273 | 301,008 | 404,352 | 507,339 | 610,005 | 712,383 | 814,507 | 916,411 | 1,018,130 | 1,119,699 | | | | | | | | | | | |
| GC7x06.0 | Start | Inboard | 132,313 | 168,090 | 257,239 | 345,997 | 434,398 | 522,476 | 610,266 | 697,803 | 785,120 | 872,251 | 959,231 | | | | | | | | | | 400 | 2,707 |
| | Min | | 57,404 | 72,513 | 110,204 | 147,786 | 185,267 | 222,657 | 259,966 | 297,204 | 334,380 | 371,504 | 408,586 | | | | | | | | | | | |
| | End | | 91,508 | 116,251 | 177,907 | 239,292 | 300,431 | 361,346 | 422,062 | 482,603 | 542,991 | 603,251 | 663,407 | | | | | | | | | | | |

Torque - Hydraulic Double-Acting Actuator

| Actuator Model | Imperial Unit | Stroke Direction | Operating Pressure, psig | | | | | | | | | | | | | | | | | MinOP psig | MOP psig | | | |
|----------------|---------------|------------------|---------------------------|---------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|-----------|-----------|------|-------|
| | | | 400 | 500 | 750 | 1000 | 1250 | 1500 | 1750 | 2000 | 2250 | 2500 | 2750 | 3000 | 3250 | 3500 | 3750 | 4000 | 4250 | | | 4500 | 4750 | 5000 |
| | | | Air Torque Output, lbf-in | | | | | | | | | | | | | | | | | | | | | |
| GC8x05.0 | Start | Outboard | 86,564 | 110,286 | 169,367 | 228,146 | 286,649 | 344,904 | 402,937 | 460,773 | 518,440 | 575,964 | 633,372 | 690,689 | 747,943 | 805,159 | 862,364 | 919,585 | 976,847 | 1,034,179 | 1,091,604 | 1,149,152 | 400 | 4,765 |
| | Min | | 54,287 | 68,700 | 104,642 | 140,461 | 176,170 | 211,778 | 247,296 | 282,734 | 318,105 | 353,417 | 388,682 | 423,911 | 459,114 | 494,302 | 529,486 | 564,676 | 599,882 | 635,117 | 670,390 | 705,711 | | |
| | End | | 124,747 | 158,933 | 244,073 | 328,779 | 413,088 | 497,039 | 580,669 | 664,017 | 747,121 | 830,018 | 912,747 | 995,347 | 1,077,854 | 1,160,308 | 1,242,746 | 1,325,207 | 1,407,727 | 1,490,347 | 1,573,103 | 1,656,034 | | |
| GC8x05.0 | Start | Inboard | 83,226 | 107,036 | 166,233 | 224,996 | 283,361 | 341,368 | 399,053 | 456,457 | 513,615 | 570,568 | 627,352 | 684,006 | 740,568 | 797,076 | 853,568 | 910,083 | 966,658 | 1,023,332 | 1,080,143 | 1,137,129 | 400 | 4,765 |
| | Min | | 36,880 | 46,944 | 72,012 | 96,958 | 121,792 | 146,526 | 171,169 | 195,733 | 220,228 | 244,665 | 269,055 | 293,408 | 317,736 | 342,048 | 366,356 | 390,670 | 415,002 | 439,361 | 463,758 | 488,205 | | |
| | End | | 57,563 | 74,030 | 114,974 | 155,616 | 195,984 | 236,104 | 276,002 | 315,705 | 355,238 | 394,629 | 433,903 | 473,087 | 512,208 | 551,291 | 590,364 | 629,452 | 668,582 | 707,780 | 747,072 | 786,486 | | |
| GC8x06.0 | Start | Outboard | 127,407 | 161,609 | 246,859 | 331,768 | 416,367 | 500,684 | 584,751 | 668,597 | 752,251 | 835,743 | 919,104 | 1,002,363 | 1,085,550 | 1,168,695 | 1,251,828 | | | | | | 400 | 3,684 |
| | Min | | 79,286 | 100,058 | 151,884 | 203,572 | 255,135 | 306,584 | 357,932 | 409,191 | 460,371 | 511,487 | 562,550 | 613,571 | 664,563 | 715,538 | 766,508 | | | | | | | |
| | End | | 183,605 | 232,894 | 355,746 | 478,109 | 600,023 | 721,533 | 842,680 | 963,509 | 1,084,063 | 1,204,383 | 1,324,514 | 1,444,498 | 1,564,378 | 1,684,198 | 1,804,000 | | | | | | | |
| GC8x06.0 | Start | Inboard | 142,151 | 181,080 | 278,032 | 374,493 | 470,506 | 566,114 | 661,359 | 756,286 | 850,936 | 945,353 | 1,039,581 | 1,133,661 | 1,227,638 | 1,321,554 | 1,415,452 | | | | | | 400 | 3,684 |
| | Min | | 61,951 | 78,392 | 119,390 | 160,249 | 200,983 | 241,603 | 282,122 | 322,550 | 362,901 | 403,187 | 443,419 | 483,610 | 523,771 | 563,916 | 604,056 | | | | | | | |
| | End | | 98,318 | 125,242 | 192,299 | 259,015 | 325,422 | 391,548 | 457,424 | 523,079 | 588,543 | 653,846 | 719,018 | 784,088 | 849,086 | 914,042 | 978,986 | | | | | | | |
| GC8x07.0 | Start | Outboard | 175,890 | 222,482 | 338,676 | 454,491 | 569,960 | 685,116 | 799,992 | 914,621 | 1,029,037 | 1,143,274 | 1,257,363 | | | | | | | | | | 400 | 2,707 |
| | Min | | 108,919 | 137,207 | 207,814 | 278,267 | 348,580 | 418,766 | 488,839 | 558,813 | 628,700 | 698,515 | 768,270 | | | | | | | | | | | |
| | End | | 253,474 | 320,617 | 488,064 | 654,964 | 821,365 | 987,315 | 1,152,862 | 1,318,053 | 1,482,938 | 1,647,563 | 1,811,976 | | | | | | | | | | | |
| GC8x07.0 | Start | Inboard | 212,084 | 268,882 | 410,469 | 551,509 | 692,049 | 832,137 | 971,822 | 1,111,151 | 1,250,173 | 1,388,935 | 1,527,485 | | | | | | | | | | 400 | 2,707 |
| | Min | | 91,662 | 115,639 | 175,467 | 235,141 | 294,674 | 354,081 | 413,374 | 472,567 | 531,674 | 590,708 | 649,683 | | | | | | | | | | | |
| | End | | 146,686 | 185,970 | 283,898 | 381,447 | 478,650 | 575,541 | 672,153 | 768,519 | 864,672 | 960,646 | 1,056,473 | | | | | | | | | | | |
| GC8x08.0 | Start | Outboard | 231,745 | 292,568 | 444,207 | 595,284 | 745,850 | 895,953 | 1,045,642 | 1,194,967 | | | | | | | | | | | | | 400 | 2,072 |
| | Min | | 143,073 | 180,009 | 272,178 | 364,120 | 455,855 | 547,403 | 638,784 | 730,018 | | | | | | | | | | | | | | |
| | End | | 333,965 | 421,618 | 640,143 | 857,860 | 1,074,839 | 1,291,151 | 1,506,867 | 1,722,058 | | | | | | | | | | | | | | |
| GC8x08.0 | Start | Inboard | 292,663 | 369,994 | 562,715 | 754,626 | 945,799 | 1,136,305 | 1,326,214 | 1,515,598 | | | | | | | | | | | | | 400 | 2,072 |
| | Min | | 125,913 | 158,561 | 240,013 | 321,237 | 402,253 | 483,082 | 563,743 | 644,256 | | | | | | | | | | | | | | |
| | End | | 202,418 | 255,903 | 389,197 | 521,931 | 654,155 | 785,916 | 917,265 | 1,048,251 | | | | | | | | | | | | | | |
| GC8x09.0 | Start | Outboard | 295,459 | 372,480 | 564,568 | 756,037 | 946,941 | 1,137,334 | | | | | | | | | | | | | | | 400 | 1,637 |
| | Min | | 181,949 | 228,713 | 345,433 | 461,904 | 578,145 | 694,181 | | | | | | | | | | | | | | | | |
| | End | | 425,784 | 536,778 | 813,595 | 1,089,520 | 1,364,630 | 1,639,004 | | | | | | | | | | | | | | | | |
| GC8x09.0 | Start | Inboard | 384,574 | 485,270 | 736,341 | 986,519 | 1,235,882 | 1,484,508 | | | | | | | | | | | | | | | 400 | 1,637 |
| | Min | | 164,896 | 207,399 | 313,469 | 419,288 | 524,878 | 630,261 | | | | | | | | | | | | | | | | |
| | End | | 265,988 | 335,633 | 509,285 | 682,318 | 854,788 | 1,026,748 | | | | | | | | | | | | | | | | |
| GC8x10.0 | Start | Outboard | 366,809 | 461,936 | 699,246 | 935,879 | 1,171,893 | | | | | | | | | | | | | | | | 400 | 1,326 |
| | Min | | 225,456 | 283,205 | 427,371 | 571,263 | 714,905 | | | | | | | | | | | | | | | | | |
| | End | | 528,606 | 665,693 | 1,007,679 | 1,348,688 | 1,688,806 | | | | | | | | | | | | | | | | | |
| GC8x10.0 | Start | Inboard | 487,493 | 614,306 | 930,607 | 1,245,931 | 1,560,362 | | | | | | | | | | | | | | | | 400 | 1,326 |
| | Min | | 208,518 | 262,036 | 395,625 | 528,940 | 662,003 | | | | | | | | | | | | | | | | | |
| | End | | 337,170 | 424,880 | 643,647 | 861,738 | 1,079,212 | | | | | | | | | | | | | | | | | |
| GC8x12.0 | Start | Outboard | 532,022 | 668,989 | 1,010,650 | | | | | | | | | | | | | | | | | | 400 | 921 |
| | Min | | 326,199 | 409,350 | 616,923 | | | | | | | | | | | | | | | | | | | |
| | End | | 766,692 | 964,075 | 1,456,441 | | | | | | | | | | | | | | | | | | | |
| GC8x12.0 | Start | Inboard | 725,825 | 912,996 | 1,379,834 | | | | | | | | | | | | | | | | | | 400 | 921 |
| | Min | | 309,540 | 388,531 | 585,702 | | | | | | | | | | | | | | | | | | | |
| | End | | 502,011 | 631,467 | 954,351 | | | | | | | | | | | | | | | | | | | |

Torque - Hydraulic Double-Acting Actuator

| Actuator Model | Imperial Unit | Stroke Direction | Operating Pressure, psig | | | | | | | | | | | | | | | | | | MinOP psig | MOP psig | | | |
|----------------|---------------|------------------|---------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|-----------|------|-------|-----------|
| | | | 400 | 500 | 750 | 1000 | 1250 | 1500 | 1750 | 2000 | 2250 | 2500 | 2750 | 3000 | 3250 | 3500 | 3750 | 4000 | 4250 | 4500 | | | 4750 | 5000 | |
| | | | Air Torque Output, lbf-in | | | | | | | | | | | | | | | | | | | | | | |
| GC10x06.0 | Start | Outboard | 166,615 | 211,533 | 323,472 | 434,939 | 545,974 | 656,619 | 766,916 | 876,905 | 986,629 | 1,096,128 | 1,205,444 | 1,314,620 | 1,423,695 | 1,532,711 | 1,641,710 | 1,750,734 | 1,859,824 | 1,969,021 | 2,078,366 | 2,187,902 | 400 | 5,000 | |
| | | | Min | 103,870 | 131,158 | 199,233 | 267,117 | 334,826 | 402,378 | 469,788 | 537,075 | 604,254 | 671,342 | 738,357 | 805,314 | 872,231 | 939,124 | 1,006,010 | 1,072,906 | 1,139,828 | 1,206,794 | 1,273,821 | | | 1,340,924 |
| | | | End | 240,086 | 304,811 | 466,112 | 626,731 | 786,729 | 946,165 | 1,105,098 | 1,263,589 | 1,421,696 | 1,579,481 | 1,737,002 | 1,894,319 | 2,051,492 | 2,208,581 | 2,365,645 | 2,522,745 | 2,679,939 | 2,837,287 | 2,994,850 | | | 3,152,687 |
| GC10x06.0 | Start | Inboard | 163,949 | 209,645 | 323,372 | 436,417 | 548,840 | 660,700 | 772,057 | 882,971 | 993,501 | 1,103,708 | 1,213,652 | 1,323,391 | 1,432,986 | 1,542,497 | 1,651,983 | 1,761,504 | 1,871,120 | 1,980,891 | 2,090,876 | 2,201,135 | 400 | 5,000 | |
| | | | Min | 71,943 | 91,252 | 139,381 | 187,318 | 235,080 | 282,684 | 330,147 | 377,485 | 424,715 | 471,855 | 518,920 | 565,928 | 612,895 | 659,839 | 706,776 | 753,722 | 800,696 | 847,712 | 894,790 | | | 941,944 |
| | | | End | 113,393 | 144,998 | 223,655 | 301,841 | 379,597 | 456,963 | 533,982 | 610,694 | 687,140 | 763,364 | 839,404 | 915,304 | 991,104 | 1,066,845 | 1,142,569 | 1,218,318 | 1,294,132 | 1,370,054 | 1,446,123 | | | 1,522,383 |
| GC10x07.0 | Start | Outboard | 230,305 | 291,498 | 444,087 | 596,153 | 747,740 | 898,895 | 1,049,664 | 1,200,092 | 1,350,226 | 1,500,111 | 1,649,794 | 1,799,320 | 1,948,735 | 2,098,086 | 2,247,417 | 2,396,775 | 2,546,207 | | | | 400 | 4,125 | |
| | | | Min | 142,805 | 179,969 | 272,719 | 365,258 | 457,603 | 549,773 | 641,787 | 733,664 | 825,421 | 917,078 | 1,008,653 | 1,100,165 | 1,191,632 | 1,283,072 | 1,374,505 | 1,465,949 | 1,557,423 | | | | | |
| | | | End | 331,861 | 420,037 | 639,913 | 859,034 | 1,077,466 | 1,295,275 | 1,512,527 | 1,729,289 | 1,945,627 | 2,161,606 | 2,377,293 | 2,592,755 | 2,808,057 | 3,023,265 | 3,238,447 | 3,453,667 | 3,668,992 | | | | | |
| GC10x07.0 | Start | Inboard | 255,813 | 324,983 | 497,343 | 668,947 | 839,861 | 1,010,151 | 1,179,884 | 1,349,126 | 1,517,943 | 1,686,402 | 1,854,569 | 2,022,509 | 2,190,290 | 2,357,977 | 2,525,636 | 2,693,335 | 2,861,139 | | | | 400 | 4,125 | |
| | | | Min | 110,979 | 140,190 | 213,059 | 285,716 | 358,178 | 430,465 | 502,596 | 574,589 | 646,462 | 718,234 | 789,924 | 861,551 | 933,133 | 1,004,688 | 1,076,236 | 1,147,795 | 1,219,383 | | | | | |
| | | | End | 176,929 | 224,770 | 343,980 | 462,667 | 580,877 | 698,656 | 816,049 | 933,103 | 1,049,863 | 1,166,375 | 1,282,685 | 1,398,838 | 1,514,881 | 1,630,860 | 1,746,819 | 1,862,805 | 1,978,864 | | | | | |
| GC10x08.0 | Start | Outboard | 303,677 | 383,565 | 582,716 | 781,104 | 978,796 | 1,175,859 | 1,372,360 | 1,568,365 | 1,763,943 | 1,959,158 | 2,154,079 | 2,348,772 | 2,543,303 | | | | | | | | 400 | 3,158 | |
| | | | Min | 187,680 | 236,205 | 357,287 | 478,060 | 598,552 | 718,790 | 838,801 | 958,611 | 1,078,248 | 1,197,738 | 1,317,110 | 1,436,389 | 1,555,603 | | | | | | | | | |
| | | | End | 437,587 | 552,704 | 839,672 | 1,125,542 | 1,410,409 | 1,694,370 | 1,977,521 | 2,259,958 | 2,541,777 | 2,823,076 | 3,103,950 | 3,384,495 | 3,664,807 | | | | | | | | | |
| GC10x08.0 | Start | Inboard | 361,662 | 457,804 | 697,334 | 935,764 | 1,173,190 | 1,409,709 | 1,645,417 | 1,880,411 | 2,114,787 | 2,348,641 | 2,582,069 | 2,815,169 | 3,048,036 | | | | | | | | 400 | 3,158 | |
| | | | Min | 155,980 | 196,585 | 297,864 | 398,835 | 499,523 | 599,956 | 700,161 | 800,166 | 899,997 | 999,681 | 1,099,246 | 1,198,718 | 1,298,125 | | | | | | | | | |
| | | | End | 250,138 | 316,633 | 482,301 | 647,207 | 811,420 | 975,004 | 1,138,029 | 1,300,558 | 1,462,661 | 1,624,402 | 1,785,850 | 1,947,070 | 2,108,129 | | | | | | | | | |
| GC10x09.0 | Start | Outboard | 387,375 | 488,541 | 740,827 | 992,275 | 1,242,956 | 1,492,946 | 1,742,317 | 1,991,143 | 2,239,498 | 2,487,455 | | | | | | | | | | | 400 | 2,495 | |
| | | | Min | 238,760 | 300,198 | 453,538 | 606,539 | 759,230 | 911,641 | 1,063,802 | 1,215,743 | 1,367,494 | 1,519,083 | | | | | | | | | | | | |
| | | | End | 558,193 | 703,970 | 1,067,505 | 1,429,832 | 1,791,055 | 2,151,281 | 2,510,616 | 2,869,165 | 3,227,035 | 3,584,332 | | | | | | | | | | | | |
| GC10x09.0 | Start | Inboard | 482,389 | 609,221 | 925,395 | 1,240,358 | 1,554,217 | 1,867,078 | 2,179,046 | 2,490,228 | 2,800,730 | 3,110,658 | | | | | | | | | | | 400 | 2,495 | |
| | | | Min | 207,195 | 260,746 | 394,369 | 527,652 | 660,625 | 793,317 | 925,758 | 1,057,978 | 1,190,007 | 1,321,874 | | | | | | | | | | | | |
| | | | End | 333,637 | 421,359 | 640,036 | 857,875 | 1,074,951 | 1,291,336 | 1,507,105 | 1,722,329 | 1,937,083 | 2,151,440 | | | | | | | | | | | | |
| GC10x10.0 | Start | Outboard | 481,103 | 606,054 | 917,745 | 1,228,521 | 1,538,461 | 1,847,647 | 2,156,157 | 2,464,072 | | | | | | | | | | | | | 400 | 2,021 | |
| | | | Min | 295,923 | 371,795 | 561,195 | 750,226 | 938,919 | 1,127,306 | 1,315,421 | 1,503,295 | | | | | | | | | | | | | | |
| | | | End | 693,252 | 873,302 | 1,322,438 | 1,770,254 | 2,216,867 | 2,662,392 | 3,106,944 | 3,550,639 | | | | | | | | | | | | | | |
| GC10x10.0 | Start | Inboard | 617,593 | 778,735 | 1,180,601 | 1,581,147 | 1,980,487 | 2,378,738 | 2,776,015 | 3,172,434 | | | | | | | | | | | | | 400 | 2,021 | |
| | | | Min | 264,514 | 332,538 | 502,319 | 671,730 | 840,802 | 1,009,568 | 1,178,060 | 1,346,310 | | | | | | | | | | | | | | |
| | | | End | 427,149 | 538,601 | 816,545 | 1,093,577 | 1,369,774 | 1,645,219 | 1,919,989 | 2,194,167 | | | | | | | | | | | | | | |
| GC10x12.0 | Start | Outboard | 698,132 | 878,046 | 1,326,817 | 1,774,238 | 2,220,425 | | | | | | | | | | | | | | | | 400 | 1,403 | |
| | | | Min | 428,289 | 537,538 | 810,249 | 1,082,413 | 1,354,079 | | | | | | | | | | | | | | | | | |
| | | | End | 1,005,983 | 1,265,232 | 1,911,896 | 2,556,612 | 3,199,552 | | | | | | | | | | | | | | | | | |
| GC10x12.0 | Start | Inboard | 930,669 | 1,171,098 | 1,770,710 | 2,368,373 | 2,964,257 | | | | | | | | | | | | | | | | 400 | 1,403 | |
| | | | Min | 397,243 | 498,736 | 752,057 | 1,004,829 | 1,257,102 | | | | | | | | | | | | | | | | | |
| | | | End | 643,683 | 809,973 | 1,224,686 | 1,638,050 | 2,050,185 | | | | | | | | | | | | | | | | | |
| GC10x14.0 | Start | Outboard | 955,696 | 1,200,706 | 1,812,067 | 2,421,872 | | | | | | | | | | | | | | | | | 400 | 1,031 | |
| | | | Min | 585,158 | 733,909 | 1,105,314 | 1,476,091 | | | | | | | | | | | | | | | | | | |
| | | | End | 1,377,123 | 1,730,174 | 2,611,122 | 3,489,830 | | | | | | | | | | | | | | | | | | |
| GC10x14.0 | Start | Inboard | 1,302,199 | 1,636,528 | 2,470,671 | 3,302,571 | | | | | | | | | | | | | | | | | 400 | 1,031 | |
| | | | Min | 554,534 | 695,636 | 1,047,917 | 1,399,567 | | | | | | | | | | | | | | | | | | |
| | | | End | 900,647 | 1,131,881 | 1,708,803 | 2,284,174 | | | | | | | | | | | | | | | | | | |