

H RANGE - SUPPLEMENTAL METRIC AND IMPERIAL TORQUE DATA

H RANGE HYDRAULIC QUARTER TURN ACTUATORS

A technical diagram of a hydraulic quarter turn actuator. The diagram shows a cross-section of the actuator with various internal components. A central horizontal dashed line represents the main axis. On the left, there is a triangular symbol pointing right, likely representing a valve or flow direction. On the right, there are concentric circles and a vertical dashed line, possibly representing a piston or a specific internal component. The text 'H RANGE HYDRAULIC QUARTER TURN ACTUATORS' is written along the top curve of the diagram.

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H - Hydraulic

H Range Actuator

Supplemental Sizing Tables

Spring Return - Imperial and Metric

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KEY

MIN HOLD = MINIMUM HOLD PRESSURE

MIN HOLD is the minimum pressure which will maintain the spring in the fully compressed state.

MOP = MAXIMUM OPERATING PRESSURE

MOP is the maximum pressure that can be applied to the actuator for regular operation and will produce the maximum center body torque at the Hydraulic Break position.

MAWP = MAXIMUM ALLOWABLE WORKING PRESSURE

MAWP is the maximum pressure that may be applied to a fully stroked actuator against the travel stop.

HYDRAULIC H SPRING RETURN

Supplemental Sizing Table

| Model No. | Min Hold | MOP | Position of stroke | Spring Torque (in.lbs) | 500 | 750 |
|----------------------|----------|------|--------------------|------------------------|-------|-------|
| H25001 SR500 | 485 | 3500 | End | 600 | 219 | 1,058 |
| | | | Mid | 594 | 338 | 805 |
| | | | Break | 1,460 | 999 | 1,838 |
| H25001 SR1000 | 694 | 3500 | End | 1,200 | | |
| | | | Mid | 984 | | |
| | | | Break | 2,162 | | |
| H25001 SR1500 | 900 | 3500 | End | 1,800 | | |
| | | | Mid | 1,261 | | |
| | | | Break | 2,855 | | |
| H25001 SR2000 | 1323 | 3500 | End | 2,400 | | |
| | | | Mid | 1,904 | | |
| | | | Break | 4,273 | | |
| H25001 SR2500 | 1728 | 3500 | End | 2,900 | | |
| | | | Mid | 2,445 | | |
| | | | Break | 5,635 | | |
| H25001 SR3000 | 2084 | 3500 | End | 3,500 | | |
| | | | Mid | 2,891 | | |
| | | | Break | 6,829 | | |
| H25002 SR500 | 398 | 2210 | End | 1,840 | 1,651 | 4,371 |
| | | | Mid | 1,635 | 1,387 | 2,897 |
| | | | Break | 3,788 | 3,340 | 6,060 |
| H25002 SR1000 | 722 | 2390 | End | 3,800 | | |
| | | | Mid | 3,160 | | |
| | | | Break | 7,313 | | |
| H25002 SR1500 | 1102 | 2590 | End | 5,890 | | |
| | | | Mid | 4,915 | | |
| | | | Break | 11,447 | | |
| H25002 SR2000 | 1346 | 2740 | End | 7,560 | | |
| | | | Mid | 6,100 | | |
| | | | Break | 14,099 | | |
| H25002 SR2500 | 1690 | 2950 | End | 9,580 | | |
| | | | Mid | 7,784 | | |
| | | | Break | 17,845 | | |
| H25002 SR3000 | 2016 | 3130 | End | 11,480 | | |
| | | | Mid | 9,313 | | |
| | | | Break | 21,384 | | |

IMPERIAL

SR
Imperial

| Pneumatic Stroke Torque (in.lbs) at Operating Pressure (psi) | | | | | | | | MAWP | |
|--|--------|--------|--------|--------|--------|--------|--------|--------|------|
| 1,000 | 1,250 | 1,500 | 1,750 | 2,000 | 2,250 | 2,500 | 2,750 | 3,000 | |
| 1,898 | 2,737 | 3,577 | 4,416 | | | | | 3500 | |
| 1,271 | 1,737 | 2,204 | 2,670 | | | | | | |
| 2,678 | 3,517 | 4,356 | 5,196 | | | | | | |
| 1,196 | 2,035 | 2,874 | 3,714 | 4,553 | | | | 3500 | |
| 881 | 1,347 | 1,814 | 2,280 | 2,746 | | | | | |
| 1,975 | 2,815 | 3,654 | 4,494 | 5,333 | | | | | |
| | 1,341 | 2,181 | 3,020 | 3,860 | 4,699 | | | 3500 | |
| | 1,070 | 1,537 | 2,003 | 2,469 | 2,935 | | | | |
| | 2,511 | 3,351 | 4,190 | 5,029 | 5,869 | | | | |
| | | 764 | 1,603 | 2,443 | 3,282 | 4,121 | | 3500 | |
| | | 894 | 1,360 | 1,826 | 2,293 | 2,759 | | | |
| | | 2,453 | 3,293 | 4,132 | 4,971 | 5,811 | | | |
| | | | 240 | 1,080 | 1,919 | 2,758 | 3,598 | 3500 | |
| | | | 819 | 1,286 | 1,752 | 2,218 | 2,685 | | |
| | | | 2,710 | 3,549 | 4,388 | 5,228 | 6,067 | | |
| | | | | | 726 | 1,565 | 2,404 | 3,244 | 3500 |
| | | | | | 1,306 | 1,772 | 2,238 | 2,705 | |
| | | | | | 3,975 | 4,814 | 5,653 | 6,493 | |
| 7,090 | 9,810 | 12,530 | 15,249 | 17,969 | 20,688 | | | 2870 | |
| 4,408 | 5,919 | 7,430 | 8,941 | 10,452 | 11,963 | | | | |
| 8,780 | 11,499 | 14,219 | 16,939 | 19,658 | 22,378 | | | | |
| 3,565 | 6,285 | 9,005 | 11,724 | 14,444 | 17,164 | | | 3200 | |
| 2,883 | 4,394 | 5,905 | 7,416 | 8,927 | 10,438 | | | | |
| 6,814 | 9,534 | 12,254 | 14,973 | 17,693 | 20,413 | | | | |
| | 2,151 | 4,871 | 7,591 | 10,310 | 13,030 | 15,750 | | 3500 | |
| | 2,639 | 4,150 | 5,661 | 7,172 | 8,683 | 10,194 | | | |
| | 7,350 | 10,069 | 12,789 | 15,509 | 18,228 | 20,948 | | | |
| | | 2,218 | 4,938 | 7,658 | 10,377 | 13,097 | 15,817 | 3500 | |
| | | 2,965 | 4,476 | 5,987 | 7,498 | 9,009 | 10,520 | | |
| | | 8,457 | 11,176 | 13,896 | 16,615 | 19,335 | 22,055 | | |
| | | | 1,193 | 3,912 | 6,632 | 9,351 | 12,071 | 14,791 | 3500 |
| | | | 2,792 | 4,303 | 5,814 | 7,325 | 8,836 | 10,347 | |
| | | | 8,860 | 11,580 | 14,299 | 17,019 | 19,739 | 22,458 | |
| | | | | | 3,093 | 5,812 | 8,532 | 11,252 | 3500 |
| | | | | | 4,285 | 5,796 | 7,307 | 8,818 | |
| | | | | | 12,333 | 15,053 | 17,772 | 20,492 | |

HYDRAULIC H SPRING RETURN

Supplemental Sizing Table

| Model No. | Min Hold | MOP | Position of stroke | Spring Torque (in.lbs) | 500 | 750 |
|----------------------|----------|------|--------------------|------------------------|-------|--------|
| H25003 SR500 | 372 | 1140 | End | 3,800 | 4,035 | 9,710 |
| | | | Mid | 3,160 | 3,144 | 6,297 |
| | | | Break | 7,313 | 7,284 | 12,959 |
| H25003 SR1000 | 671 | 1310 | End | 7,570 | | 2,924 |
| | | | Mid | 6,100 | | 3,357 |
| | | | Break | 14,099 | | 9,162 |
| H25003 SR1500 | 836 | 1410 | End | 9,580 | | |
| | | | Mid | 7,784 | | |
| | | | Break | 17,845 | | |
| H25003 SR2000 | 992 | 1500 | End | 11,480 | | |
| | | | Mid | 9,313 | | |
| | | | Break | 21,384 | | |

IMPERIAL

| 1,000 | Pneumatic Stroke Torque (in.lbs) at Operating Pressure (psi) | | | | | | | MAWP |
|--------|--|--------|-------|-------|-------|-------|-------|------|
| | 1,250 | 1,500 | 1,750 | 2,000 | 2,250 | 2,500 | 2,750 | |
| 15,384 | | | | | | | | 1530 |
| 9,449 | | | | | | | | |
| 18,633 | | | | | | | | |
| 8,598 | 14,272 | | | | | | | 1830 |
| 6,509 | 9,662 | | | | | | | |
| 14,836 | 20,510 | | | | | | | |
| 4,852 | 10,527 | 16,201 | | | | | | 1990 |
| 4,826 | 7,978 | 11,130 | | | | | | |
| 12,520 | 18,194 | 23,869 | | | | | | |
| | 6,988 | 12,662 | | | | | | 2150 |
| | 6,449 | 9,601 | | | | | | |
| | 16,228 | 21,902 | | | | | | |

HYDRAULIC H SPRING RETURN

Supplemental Sizing Table

| Model No. | Min Hold | MOP | Position of stroke | Spring Torque (in.lbs) | 500 | 750 |
|----------------------|----------|------|--------------------|------------------------|--------|--------|
| H32501 SRI000 | 742 | 3500 | End | 4,390 | | 708 |
| | | | Mid | 3,748 | | 1,341 |
| | | | Break | 8,453 | | 4,120 |
| H32501 SRI500 | 1045 | 3500 | End | 6,300 | | |
| | | | Mid | 5,369 | | |
| | | | Break | 12,156 | | |
| H32501 SR2000 | 1371 | 3500 | End | 8,790 | | |
| | | | Mid | 7,142 | | |
| | | | Break | 16,136 | | |
| H32501 SR2500 | 1705 | 3500 | End | 10,990 | | |
| | | | Mid | 8,897 | | |
| | | | Break | 20,213 | | |
| H32501 SR3000 | 1935 | 3500 | End | 12,100 | | |
| | | | Mid | 9,879 | | |
| | | | Break | 23,030 | | |
| H32503 SR500 | 366 | 2060 | End | 6,730 | 6,874 | 16,226 |
| | | | Mid | 5,187 | 5,204 | 10,399 |
| | | | Break | 11,830 | 11,860 | 21,212 |
| H32503 SRI000 | 666 | 2210 | End | 12,100 | | 5,025 |
| | | | Mid | 9,879 | | 5,708 |
| | | | Break | 23,030 | | 15,523 |
| H32503 SRI500 | 1005 | 2420 | End | 19,830 | | |
| | | | Mid | 15,543 | | |
| | | | Break | 35,720 | | |
| H32503 SR2000 | 1309 | 2590 | End | 24,880 | | |
| | | | Mid | 20,472 | | |
| | | | Break | 47,085 | | |
| H32503 SR2500 | 1581 | 2720 | End | 31,140 | | |
| | | | Mid | 24,709 | | |
| | | | Break | 57,258 | | |
| H32503 SR3000 | 1991 | 2960 | End | 38,860 | | |
| | | | Mid | 31,434 | | |
| | | | Break | 72,590 | | |

IMPERIAL

SR
Imperial

| Pneumatic Stroke Torque (in.lbs) at Operating Pressure (psi) | | | | | | | | MAWP | |
|--|--------|--------|--------|--------|--------|--------|--------|--------|------|
| 1,000 | 1,250 | 1,500 | 1,750 | 2,000 | 2,250 | 2,500 | 2,750 | 3,000 | |
| 3,762 | 6,816 | 9,869 | 12,923 | | | | | 3500 | |
| 3,038 | 4,734 | 6,431 | 8,127 | | | | | | |
| 7,174 | 10,227 | 13,281 | 16,335 | | | | | | |
| | 3,112 | 6,165 | 9,219 | 12,273 | | | | 3500 | |
| | 3,114 | 4,810 | 6,507 | 8,203 | | | | | |
| | 8,098 | 11,152 | 14,205 | 17,259 | | | | | |
| | | 2,186 | 5,240 | 8,293 | 11,347 | | | 3500 | |
| | | 3,037 | 4,733 | 6,430 | 8,126 | | | | |
| | | 8,747 | 11,801 | 14,854 | 17,908 | | | | |
| | | | 1,162 | 4,216 | 7,269 | 10,323 | 13,377 | 3500 | |
| | | | 2,978 | 4,675 | 6,371 | 8,068 | 9,764 | | |
| | | | 9,560 | 12,614 | 15,667 | 18,721 | 21,775 | | |
| | | | | | 4,452 | 7,506 | 10,560 | 13,613 | 3500 |
| | | | | | 5,390 | 7,086 | 8,783 | 10,479 | |
| | | | | | 14,950 | 18,004 | 21,057 | 24,111 | |
| 25,577 | 34,929 | 44,281 | 53,633 | 62,984 | | | | 2660 | |
| 15,595 | 20,790 | 25,986 | 31,181 | 36,376 | | | | | |
| 30,564 | 39,915 | 49,267 | 58,619 | 67,971 | | | | | |
| 14,377 | 23,728 | 33,080 | 42,432 | 51,784 | | | | 2960 | |
| 10,903 | 16,098 | 21,294 | 26,489 | 31,685 | | | | | |
| 24,874 | 34,226 | 43,578 | 52,930 | 62,281 | | | | | |
| | 11,039 | 20,390 | 29,742 | 39,094 | 48,446 | 57,797 | | 3300 | |
| | 10,434 | 15,629 | 20,825 | 26,020 | 31,215 | 36,411 | | | |
| | 26,523 | 35,874 | 45,226 | 54,578 | 63,930 | 73,281 | | | |
| | | 9,025 | 18,377 | 27,729 | 37,081 | 46,432 | | 3500 | |
| | | 10,700 | 15,896 | 21,091 | 26,286 | 31,482 | | | |
| | | 29,496 | 38,847 | 48,199 | 57,551 | 66,903 | | | |
| | | | 8,204 | 17,556 | 26,908 | 36,260 | 45,611 | 3500 | |
| | | | 11,658 | 16,854 | 22,049 | 27,245 | 32,440 | | |
| | | | 33,766 | 43,118 | 52,469 | 61,821 | 71,173 | | |
| | | | | | 11,575 | 20,927 | 30,279 | 39,630 | 3500 |
| | | | | | 15,325 | 20,520 | 25,715 | 30,911 | |
| | | | | | 43,593 | 52,945 | 62,296 | 71,648 | |

HYDRAULIC H SPRING RETURN

Supplemental Sizing Table

| Model No. | Min Hold | MOP | Position of stroke | Spring Torque (in.lbs) | 500 | 750 |
|----------------------|----------|------|--------------------|------------------------|--------|--------|
| H32505 SR500 | 376 | 1110 | End | 12,180 | 13,248 | 32,333 |
| | | | Mid | 10,930 | 10,276 | 20,879 |
| | | | Break | 24,923 | 23,745 | 42,831 |
| H32505 SR1000 | 667 | 1270 | End | 24,880 | | 10,170 |
| | | | Mid | 20,472 | | 11,336 |
| | | | Break | 47,085 | | 30,641 |
| H32505 SR1500 | 1001 | 1450 | End | 38,860 | | |
| | | | Mid | 31,434 | | |
| | | | Break | 72,590 | | |
| H32505 SR2000 | 1169 | 1530 | End | 46,740 | | |
| | | | Mid | 36,836 | | |
| | | | Break | 85,462 | | |

IMPERIAL

SR
Imperial

| Pneumatic Stroke Torque (in.lbs) at Operating Pressure (psi) | | | | | | | | MAWP |
|--|--------|--------|-------|-------|-------|-------|-------|-------|
| 1,000 | 1,250 | 1,500 | 1,750 | 2,000 | 2,250 | 2,500 | 2,750 | 3,000 |
| 51,418 | | | | | | | | 1470 |
| 31,482 | | | | | | | | |
| 61,916 | | | | | | | | |
| 29,256 | 48,341 | | | | | | | 1760 |
| 21,939 | 32,542 | | | | | | | |
| 49,726 | 68,811 | | | | | | | |
| 3,750 | 22,836 | 41,921 | | | | | | 2100 |
| 10,977 | 21,580 | 32,183 | | | | | | |
| 35,768 | 54,853 | 73,938 | | | | | | |
| | 9,964 | 29,049 | | | | | | 2270 |
| | 16,179 | 26,782 | | | | | | |
| | 48,280 | 67,365 | | | | | | |

HYDRAULIC H SPRING RETURN

Supplemental Sizing Table

| Model No. | Min Hold | MOP | Position of stroke | Spring Torque (Nm) | 35 | 52 |
|-----------------------|----------|-----|--------------------|--------------------|-----|-----|
| | | | | | | |
| H25001 SR500 | 33 | 241 | End | 68 | 28 | 121 |
| | | | Mid | 67 | 40 | 92 |
| | | | Break | 165 | 116 | 209 |
| H25001 SRI1000 | 48 | 241 | End | 136 | | |
| | | | Mid | 111 | | |
| | | | Break | 244 | | |
| H25001 SRI500 | 62 | 241 | End | 203 | | |
| | | | Mid | 143 | | |
| | | | Break | 323 | | |
| H25001 SR2000 | 91 | 241 | End | 271 | | |
| | | | Mid | 215 | | |
| | | | Break | 483 | | |
| H25001 SRH2500 | 119 | 241 | End | 328 | | |
| | | | Mid | 276 | | |
| | | | Break | 637 | | |
| H25001 SR3000 | 144 | 241 | End | 395 | | |
| | | | Mid | 327 | | |
| | | | Break | 772 | | |
| H25002 SR500 | 27 | 152 | End | 208 | 196 | 499 |
| | | | Mid | 185 | 162 | 330 |
| | | | Break | 428 | 387 | 690 |
| H25002 SRI1000 | 50 | 165 | End | 429 | | |
| | | | Mid | 357 | | |
| | | | Break | 826 | | |
| H25002 SRI500 | 76 | 179 | End | 665 | | |
| | | | Mid | 555 | | |
| | | | Break | 1,293 | | |
| H25002 SR2000 | 93 | 189 | End | 854 | | |
| | | | Mid | 689 | | |
| | | | Break | 1,593 | | |
| H25002 SRH2500 | 117 | 203 | End | 1,082 | | |
| | | | Mid | 879 | | |
| | | | Break | 2,016 | | |
| H25002 SR3000 | 139 | 216 | End | 1,297 | | |
| | | | Mid | 1,052 | | |
| | | | Break | 2,416 | | |

METRIC

| 70 | Pneumatic Stroke Torque (Nm) at Operating Pressure (bar) | | | | | | | MAWP | |
|-------|--|-------|-------|-------|-------|-------|-------|-------|-----|
| | 86 | 105 | 121 | 140 | 151 | 173 | 190 | | 210 |
| 220 | 308 | 413 | 501 | 605 | | | | | 241 |
| 147 | 196 | 254 | 303 | 361 | | | | | |
| 308 | 396 | 501 | 589 | 693 | | | | | |
| 141 | 229 | 333 | 421 | 526 | 587 | | | | 241 |
| 103 | 152 | 210 | 259 | 317 | 350 | | | | |
| 229 | 317 | 422 | 510 | 614 | 675 | | | | |
| | 151 | 255 | 343 | 448 | 508 | 629 | | | 241 |
| | 120 | 178 | 227 | 285 | 319 | 386 | | | |
| | 283 | 387 | 475 | 580 | 640 | 761 | | | |
| | | 95 | 183 | 288 | 348 | 469 | 563 | | 241 |
| | | 106 | 155 | 213 | 246 | 314 | 366 | | |
| | | 286 | 374 | 478 | 539 | 660 | 754 | | |
| | | | 29 | 134 | 194 | 315 | 409 | 519 | 241 |
| | | | 94 | 152 | 185 | 253 | 305 | 366 | |
| | | | 308 | 413 | 473 | 594 | 688 | 798 | |
| | | | | | 59 | 180 | 274 | 384 | 241 |
| | | | | | 135 | 202 | 254 | 315 | |
| | | | | | 426 | 547 | 641 | 751 | |
| 820 | 1,105 | 1,444 | 1,729 | 2,068 | 2,264 | | | | 198 |
| 508 | 667 | 855 | 1,014 | 1,202 | 1,311 | | | | |
| 1,011 | 1,296 | 1,635 | 1,920 | 2,259 | 2,455 | | | | |
| 422 | 707 | 1,046 | 1,331 | 1,669 | 1,866 | | | | 221 |
| 336 | 495 | 683 | 841 | 1,029 | 1,138 | | | | |
| 789 | 1,074 | 1,413 | 1,698 | 2,037 | 2,233 | | | | |
| | 240 | 579 | 864 | 1,202 | 1,399 | 1,791 | | | 241 |
| | 296 | 485 | 643 | 831 | 940 | 1,158 | | | |
| | 827 | 1,166 | 1,451 | 1,790 | 1,986 | 2,378 | | | |
| | | 279 | 564 | 903 | 1,099 | 1,491 | | | 241 |
| | | 351 | 509 | 697 | 806 | 1,024 | | | |
| | | 984 | 1,269 | 1,608 | 1,804 | 2,196 | | | |
| | | | 141 | 480 | 676 | 1,068 | 1,371 | | 241 |
| | | | 319 | 507 | 616 | 834 | 1,002 | | |
| | | | 1,007 | 1,346 | 1,542 | 1,934 | 2,237 | | |
| | | | | | 276 | 668 | 971 | 1,328 | 241 |
| | | | | | 443 | 661 | 829 | 1,028 | |
| | | | | | 1,320 | 1,712 | 2,015 | 2,372 | |

HYDRAULIC H SPRING RETURN

Supplemental Sizing Table

| Model No. | Min Hold | MOP | Position of stroke | Spring Torque (Nm) | 35 | 52 |
|----------------------|----------|-----|--------------------|--------------------|-----|-------|
| | | | | | | |
| H25003 SR500 | 26 | 79 | End | 429 | 476 | 1,108 |
| | | | Mid | 357 | 366 | 717 |
| | | | Break | 826 | 843 | 1,475 |
| H25003 SR1000 | 46 | 90 | End | 855 | | 341 |
| | | | Mid | 689 | | 385 |
| | | | Break | 1,593 | | 1,046 |
| H25003 SR1500 | 58 | 97 | End | 1,082 | | |
| | | | Mid | 879 | | |
| | | | Break | 2,016 | | |
| H25003 SR2000 | 68 | 105 | End | 1,297 | | |
| | | | Mid | 1,052 | | |
| | | | Break | 2,416 | | |

METRIC

| 70 | Pneumatic Stroke Torque (Nm) at Operating Pressure (bar) | | | | | | MAWP | | |
|-------|--|-------|-----|-----|-----|-----|------|-----|-----|
| | 86 | 105 | 121 | 140 | 151 | 173 | | 190 | 210 |
| 1,777 | | | | | | | | | 105 |
| 1,089 | | | | | | | | | |
| 2,144 | | | | | | | | | |
| 1,011 | 1,606 | | | | | | | | 126 |
| 757 | 1,088 | | | | | | | | |
| 1,715 | 2,310 | | | | | | | | |
| 587 | 1,182 | | | | | | | | 137 |
| 567 | 898 | | | | | | | | |
| 1,454 | 2,049 | | | | | | | | |
| 188 | 783 | 1,489 | | | | | | | 148 |
| 394 | 725 | 1,117 | | | | | | | |
| 1,232 | 1,827 | 2,533 | | | | | | | |

HYDRAULIC H SPRING RETURN

Supplemental Sizing Table

| Model No. | Min Hold | MOP | Position of stroke | Spring Torque (Nm) | 35 | | 52 | |
|----------------------|----------|-----|--------------------|--------------------|-------|--|-------|--|
| | | | | | | | | |
| H32501 SRI000 | 51 | 241 | End | 496 | | | 86 | |
| | | | Mid | 423 | | | 155 | |
| | | | Break | 955 | | | 471 | |
| H32501 SRI500 | 72 | 241 | End | 712 | | | | |
| | | | Mid | 607 | | | | |
| | | | Break | 1,373 | | | | |
| H32501 SR2000 | 95 | 241 | End | 993 | | | | |
| | | | Mid | 807 | | | | |
| | | | Break | 1,823 | | | | |
| H32501 SR2500 | 118 | 241 | End | 1,242 | | | | |
| | | | Mid | 1,005 | | | | |
| | | | Break | 2,284 | | | | |
| H32501 SR3000 | 133 | 241 | End | 1,367 | | | | |
| | | | Mid | 1,116 | | | | |
| | | | Break | 2,602 | | | | |
| H32503 SR500 | 25 | 142 | End | 760 | 809 | | 1,851 | |
| | | | Mid | 586 | 606 | | 1,185 | |
| | | | Break | 1,337 | 1,372 | | 2,414 | |
| H32503 SRI000 | 46 | 152 | End | 1,367 | | | 586 | |
| | | | Mid | 1,116 | | | 655 | |
| | | | Break | 2,602 | | | 1,772 | |
| H32503 SRI500 | 69 | 167 | End | 2,240 | | | | |
| | | | Mid | 1,756 | | | | |
| | | | Break | 4,036 | | | | |
| H32503 SR2000 | 90 | 179 | End | 2,811 | | | | |
| | | | Mid | 2,313 | | | | |
| | | | Break | 5,320 | | | | |
| H32503 SR2500 | 109 | 188 | End | 3,518 | | | | |
| | | | Mid | 2,792 | | | | |
| | | | Break | 6,469 | | | | |
| H32503 SR3000 | 137 | 204 | End | 4,390 | | | | |
| | | | Mid | 3,551 | | | | |
| | | | Break | 8,201 | | | | |

METRIC

| 70 | Pneumatic Stroke Torque (Nm) at Operating Pressure (bar) | | | | | | | MAWP | |
|-------|--|-------|-------|-------|-------|-------|-------|-------|-----|
| | 86 | 105 | 121 | 140 | 151 | 173 | 190 | | 210 |
| 446 | 766 | 1,147 | 1,467 | 1,847 | | | | | 241 |
| 355 | 533 | 744 | 922 | 1,133 | | | | | |
| 832 | 1,152 | 1,532 | 1,852 | 2,233 | | | | | |
| 28 | 348 | 728 | 1,048 | 1,429 | 1,649 | | | | 241 |
| 172 | 350 | 561 | 739 | 950 | 1,073 | | | | |
| 591 | 911 | 1,292 | 1,612 | 1,992 | 2,212 | | | | |
| | | 279 | 599 | 979 | 1,199 | 1,640 | | | 241 |
| | | 361 | 539 | 750 | 872 | 1,117 | | | |
| | | 1,020 | 1,340 | 1,720 | 1,941 | 2,381 | | | |
| | | | 138 | 518 | 739 | 1,179 | 1,519 | | 241 |
| | | | 340 | 552 | 674 | 919 | 1,108 | | |
| | | | 1,087 | 1,467 | 1,687 | 2,128 | 2,468 | | |
| | | | | 200 | 420 | 861 | 1,201 | 1,601 | 241 |
| | | | | 441 | 563 | 808 | 997 | 1,219 | |
| | | | | 1,386 | 1,606 | 2,047 | 2,387 | 2,787 | |
| 2,954 | 3,935 | 5,100 | 6,081 | 7,245 | | | | | 183 |
| 1,798 | 2,343 | 2,990 | 3,535 | 4,182 | | | | | |
| 3,518 | 4,498 | 5,663 | 6,644 | 7,809 | | | | | |
| 1,689 | 2,670 | 3,834 | 4,815 | 5,980 | 6,654 | | | | 204 |
| 1,268 | 1,813 | 2,460 | 3,005 | 3,652 | 4,026 | | | | |
| 2,875 | 3,856 | 5,020 | 6,001 | 7,166 | 7,840 | | | | |
| | 1,236 | 2,401 | 3,381 | 4,546 | 5,220 | | | | 228 |
| | 1,173 | 1,820 | 2,364 | 3,012 | 3,386 | | | | |
| | 2,985 | 4,150 | 5,131 | 6,295 | 6,970 | | | | |
| | | 1,117 | 2,097 | 3,262 | 3,936 | 5,285 | | | 241 |
| | | 1,263 | 1,808 | 2,455 | 2,829 | 3,578 | | | |
| | | 3,429 | 4,410 | 5,575 | 6,249 | 7,598 | | | |
| | | | 948 | 2,113 | 2,787 | 4,136 | | | 241 |
| | | | 1,329 | 1,976 | 2,351 | 3,100 | | | |
| | | | 3,836 | 5,001 | 5,675 | 7,024 | | | |
| | | | | | 1,055 | 2,403 | 3,445 | | 241 |
| | | | | | 1,591 | 2,340 | 2,919 | | |
| | | | | | 4,672 | 6,021 | 7,063 | | |

HYDRAULIC H SPRING RETURN

Supplemental Sizing Table

| Model No. | Min Hold | MOP | Position of stroke | Spring Torque (Nm) | 35 | 52 |
|----------------------|----------|-----|--------------------|--------------------|-------|-------|
| | | | | | | |
| H32505 SR500 | 26 | 77 | End | 1,376 | 1,563 | 3,689 |
| | | | Mid | 1,235 | 1,198 | 2,379 |
| | | | Break | 2,816 | 2,749 | 4,875 |
| H32505 SR1000 | 46 | 88 | End | 2,811 | | 1,185 |
| | | | Mid | 2,313 | | 1,301 |
| | | | Break | 5,320 | | 3,498 |
| H32505 SR1500 | 69 | 100 | End | 4,390 | | |
| | | | Mid | 3,551 | | |
| | | | Break | 8,201 | | |
| H32505 SR2000 | 81 | 105 | End | 5,281 | | |
| | | | Mid | 4,162 | | |
| | | | Break | 9,656 | | |

METRIC

| 70 | Pneumatic Stroke Torque (Nm) at Operating Pressure (bar) | | | | | | | MAWP | |
|-------|--|-------|-----|-----|-----|-----|-----|------|-----|
| | 86 | 105 | 121 | 140 | 151 | 173 | 190 | | 210 |
| 5,941 | | | | | | | | | 101 |
| 3,630 | | | | | | | | | |
| 7,127 | | | | | | | | | |
| 3,437 | 5,439 | | | | | | | | 121 |
| 2,552 | 3,664 | | | | | | | | |
| 5,750 | 7,751 | | | | | | | | |
| 556 | 2,557 | | | | | | | | 145 |
| 1,313 | 2,425 | | | | | | | | |
| 4,173 | 6,174 | | | | | | | | |
| | 1,103 | 3,480 | | | | | | | 157 |
| | 1,815 | 3,136 | | | | | | | |
| | 5,432 | 7,809 | | | | | | | |

Rotork Fluid System Centres of Excellence

Rotork Fluid System
Fluid System s.r.l
Via di Coselli 13/15
55060 Coselli, Lucca
Italy
Tel: +39 0583 94811
Fax: +39 0583 403482
Email: fluid@fluidsystem.it

Rotork Fluid System
Rotork Controls Inc
675 Mile Crossing Blvd.
Rochester, NY 14624
USA
Tel: +1 585 328 1550
Fax: +1 585 328 5848
Email: info@rotork.com

Rotork Fluid System
428 Tigore Industrial Pte Ltd
Singapore (Singapore) Pte Ltd
Tel: +65 457 1233
Fax: +65 457 6011
Email: mail@rotork.com

Rotork Fluid System
Regina House Ring Road
Bramley, Leeds LS13 4ET
UK
Tel: +44 113 236 3312
Fax: +44 113 236 3310
Email: sales@rotorkfluidsystem.co.uk

Rotork Fluid System
Rotork Controls (Canada) Ltd
#8 850, 28th Street NE
Calgary, Alberta T2A 6K1
Canada
Tel: +1 403 569 9455
Fax: +1 403 569 9414
Email: info@rotork.ca

Rotork Fluid System
Rotork Controls (Canada) Ltd
2850 Argentea Rd, Unit #4
Mississauga, Ontario L4W 3L8
Canada
Tel: +1 905 363 0313
Fax: +1 905 363 0320
Email: info@rotork.ca

Rotork Fluid System
Rotork Controls Inc.
9777 West Gulf Bank
Suite 15A
Houston, Texas 77040
USA
Tel: +1 713 856 5640
Fax: +1 713 856 8127
Email: info@rotork.com

Rotork Fluid System
Rotork Controls Inc
2180 South McDowell Blvd.
Petaluma, CA 94954
USA
Tel: +1 707 769 4880
Fax: +1 707 769 4888
Email: info@rotork.com

All Rotork Fluid System actuators are manufactured under a third party accredited ISO9001 quality assurance program