

Linear Pneumatic Actuator Thrust Chart

| Actuator Model Number | 40 psi | | 60 psi | | 80 psi | | 100 psi | |
|-----------------------|--------|---------|--------|---------|--------|---------|---------|---------|
| | Extend | Retract | Extend | Retract | Extend | Retract | Extend | Retract |
| HDL4 (*) DA | 478 | 448 | 716 | 672 | 955 | 895 | 1194 | 1119 |
| HDL5 (*) DA | 746 | 716 | 1119 | 1074 | 1492 | 1433 | 1865 | 1791 |
| HDL6 (*) DA | 1074 | 1045 | 1612 | 1567 | 2149 | 2089 | 2686 | 2611 |
| HDL7 (*) DA | 1462 | 1433 | 2194 | 2149 | 2925 | 2865 | 3656 | 3581 |
| HDL8 (*) DA | 1910 | 1819 | 2865 | 2728 | 3820 | 3637 | 4775 | 4547 |
| HDL10 (*) DA | 2985 | 2893 | 4477 | 4340 | 5969 | 5786 | 7461 | 7233 |
| HDL12 (*) DA | 4298 | 4206 | 6447 | 6309 | 8595 | 8413 | 10744 | 10516 |
| HDL14 (*) DA | 5850 | 5663 | 8774 | 8495 | 11699 | 11326 | 14624 | 14158 |
| HDL16 (*) DA | 7640 | 7454 | 11461 | 11181 | 15281 | 14908 | 19101 | 18635 |
| HDL18 (*) DA | 9670 | 9483 | 14505 | 14225 | 19340 | 18967 | 24175 | 23708 |
| HDL20 (*) DA | 11938 | 11669 | 17907 | 17504 | 23876 | 23339 | 29845 | 29174 |
| HDL22 (*) DA | 14445 | 14176 | 21668 | 21265 | 28890 | 28353 | 36113 | 35441 |
| HDL24 (*) DA | 17191 | 16825 | 25786 | 25238 | 34382 | 33650 | 42977 | 42063 |
| HDL26 (*) DA | 20175 | 19810 | 30263 | 29715 | 40351 | 39620 | 50438 | 49524 |
| HDL28 (*) DA | 23399 | 23033 | 35098 | 34550 | 46797 | 46066 | 58497 | 57583 |
| HDL30 (*) DA | 26861 | 26495 | 40291 | 39743 | 53721 | 52990 | 67152 | 66238 |
| HDL32 (*) DA | 30561 | 29957 | 45842 | 44936 | 61123 | 59914 | 76404 | 74893 |
| HDL34 (*) DA | 34501 | 33897 | 51752 | 50845 | 69002 | 67793 | 86253 | 84742 |
| HDL36 (*) DA | 38679 | 38075 | 58019 | 57113 | 77359 | 76150 | 96698 | 95188 |
| HDL38 (*) DA | 43096 | 42492 | 64645 | 63738 | 86193 | 84984 | 107741 | 106230 |
| HDL40 (*) DA | 47752 | 47148 | 71628 | 70722 | 95505 | 94296 | 119381 | 117870 |
| HDL42 (*) DA | 52647 | 52043 | 78970 | 78064 | 105294 | 104085 | 131617 | 130106 |
| HDL44 (*) DA | 57780 | 57176 | 86670 | 85764 | 115561 | 114352 | 144451 | 142940 |

Consult factory for higher thrust or longer strokes. All models accommodate multiple valve stems.

(*) Denotes actuator stroke (See explanation of model number) Consult factory for supply pressure under 40 psi and over 100 psi. Maximum Allowable Working Pressure is 150 psi. For thrust at other than charted pressure use the following formula:
 $(\text{Supply pressure}/100) \times (\text{Thrust at } 100\text{psi}) = \text{Thrust}$