

Linear Hydraulic Actuator Thrust Chart

Actuator Model Number	500 psi		750 psi		1000 psi		1500 psi	
	Extend	Retract	Extend	Retract	Extend	Retract	Extend	Retract
HDH2 (*) DA	1492	1119	2238	1679	2985	2238	4477	3358
HDH2.5 (*) DA	2332	1959	3497	2938	4663	3917	6995	5876
HDH3.2 (*) DA	3940	3235	5911	4853	7881	6470	11821	9706
HDH4 (*) DA	5969	4827	8954	7240	11938	9653	17907	14480
HDH5 (*) DA	9327	7834	13990	11752	18653	15669	27980	23503
HDH6 (*) DA	13430	11099	20146	16648	26861	22197	40291	33296
HDH7 (*) DA	18280	14923	27420	22384	36560	29845	54841	44768
HDH8 (*) DA	23876	19306	35814	28959	47752	38612	71628	57918
HDH10 (*) DA	37307	29752	55960	44628	74613	59504	111920	89256
HDH12 (*) DA	53721	42436	80582	63654	107443	84872	161164	127308
HDH14 (*) DA	73121	61836	109681	92753	146241	123671	219362	185507
HDH16 (*) DA	95505	84219	143257	126329	191009	168439	286514	252658

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 500 psi and over 1500 psi. Maximum Allowable Working Pressure is 3000 psi. Larger bore sizes, longer strokes and higher pressure (up to 5000 PSI) are available. For thrust at other than charted pressure use the following formula: $(\text{Supply pressure} / 1000) \times (\text{Thrust at 1000psi}) = \text{Thrust}$

Example: HDH2.5 (*) DA with 600 psi supply pressure, extend direction $(600 / 1000) \times 4663 = 2798$ lbs. Thrust