



HP Series Linear Pneumatic Actuators

Product Features

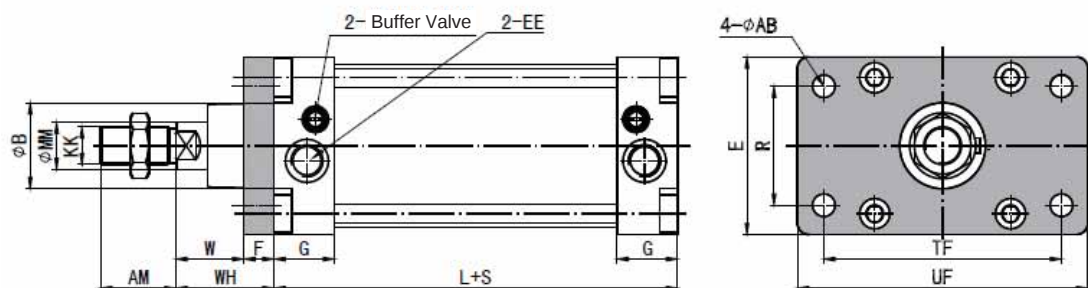
1. Adjustable travel stop for the rod - retract position, piston bottoms out for the rod - extend position. Specific travel applications available, consult factory.
2. Spring rod nut is locked to prevent unauthorized disassembly of the spring cartridge
3. Pneumatic cylinder material is hard anodized aluminum.
4. Drive rod material is carbon steel chrome plated. with option for stainless steel
5. Other colors/coatings available upon request
6. Consult factory for custom thrust, travel and pressure requirements.



Output Torque Table of Pneumatic Actuators with Double Acting

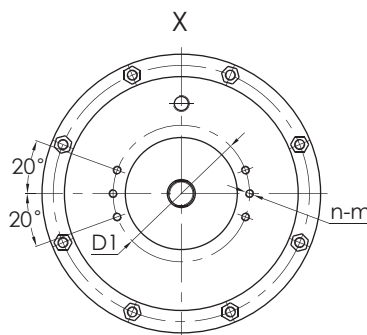
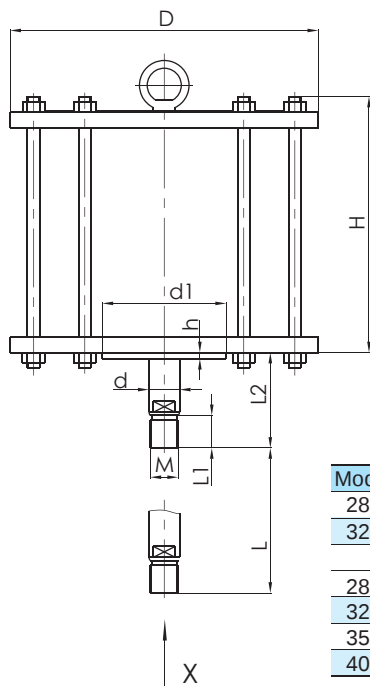
Cylinder diameter mm	Output (N) Air Pressure (MPa)													
	0.3		0.35		0.4		0.45		0.5		0.55		0.6	
	Thrust N	Tension N	Thrust N	Tension N	Thrust N	Tension N	Thrust N	Tension N	Thrust N	Tension N	Thrust N	Tension N	Thrust N	Tension N
80	1507	1360	1758	1587	2010	1813	2261	2040	2512	2267	2763	2493	3014	2720
100	2355	2208	2748	2576	3140	2944	3533	3312	3925	3680	4318	4048	4710	4418
125	3680	3439	4293	4012	4906	4585	5520	5158	6133	5731	6746	6304	7359	6877
160	6029	5652	7034	6594	8033	7536	9043	8478	10048	9420	11053	10362	12058	11304
200	9420	9043	10990	10550	12560	12058	14130	13565	15700	15072	17570	16579	18840	18086
250	14719	14342	17172	16732	19625	19123	22078	21513	24531	23903	26984	26294	29438	28684
280	18463	18086	21540	21101	24618	24115	27695	27130	30772	30144	33849	33158	36926	36173
320	24115	23738	28134	27695	32154	31651	36173	35808	40192	39564	44211	43520	48230	47477
350	28849	28472	33657	33217	38465	37963	43273	42708	48081	47453	52886	52199	57698	56944
400	37680	37303	43960	43520	50240	49738	56520	55965	62800	62172	69080	68389	75360	74606
450	47689	47100	55637	54850	63585	62800	71533	70650	79481	78500	87429	86350	95378	94200
500	58875	58027	68688	67698	78500	77370	88313	87041	98125	96712	107988	106383	117750	116054
550	73853	73005	86162	85173	98470	97340	110779	109508	123088	121675	135397	133843	147706	146010
600	84780	83932	98910	97921	113040	111910	127170	125898	141300	139887	155430	153876	169560	167864
630	93470	92622	109048	108059	124627	123496	140205	138933	155783	154370	171362	169807	186940	185244
700	115395	114547	134628	133638	153860	152730	173083	171821	192325	190912	211558	210003	230790	229094
800	150720	149566	178540	174494	200960	199421	226060	224349	251200	249277	276320	274204	301440	299132
900	190755	189601	222548	221201	254340	252801	286133	284402	317925	316002	349718	347602	381210	379202
1000	235500	233993	274750	272992	314000	311990	353250	350989	392500	389988	431750	428987	471000	467986

Dimension



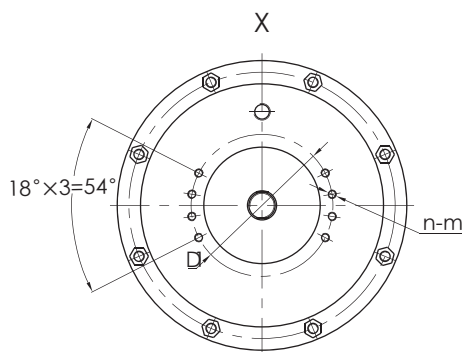
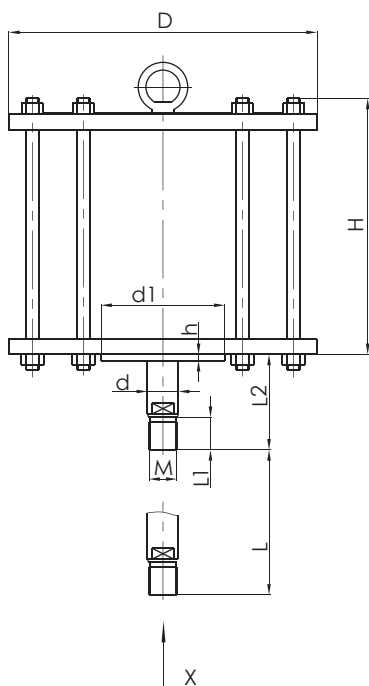
Diameter	AB	AM	B	E	EE	F	G	KK	L	MM	R	TF	UF	W	WH
80	12	40	45	94	G3/8	16	32	M20 × 1.5	128	25	63	126	154	29	46
100	14	40	55	112	G1/2	16	37	M20 × 1.5	138	25	75	150	185	35	51
125	16	54	60	140	G1/2	20	42	M27 × 2	160	32	90	180	220	41	65
160	18	72	80	180	G3/4	20	45	M36 × 2	180	45	115	230	280	60	80
200	22	72	80	220	G3/4	25	50	M36 × 2	180	45	135	270	320	65	95
250	26	84	95	280	G1	25	50	M42 × 2	190	50	165	330	390	80	105

Ø280 ~ Ø400 dimension of double acting linear actuator



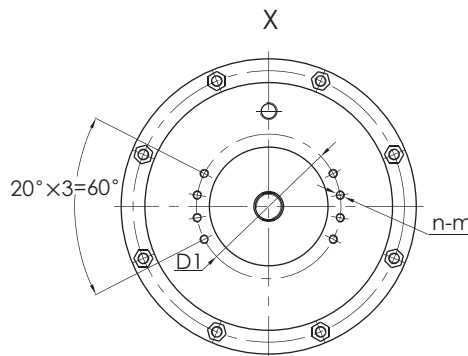
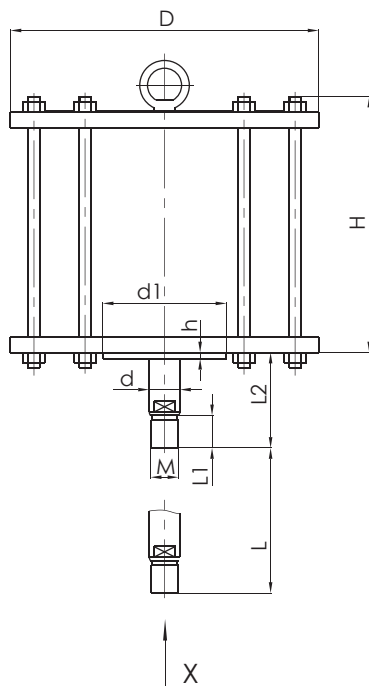
Model	d	M	L1	L2	L	H	h	d1	D1	n - m	D	Remark
280	Ø36	M33 × 2	56	80		185+L	6	Ø140	Ø180	6 - M10 deep16	Ø355	Stroke: L
320	Ø36	M33 × 2	56	80		185+L	6	Ø140	Ø180	6 - M10 deep16	Ø395	
280	Ø40	M33 × 2	56	80		185+L	6	Ø160	Ø195	6 - M12 deep20	Ø355	
320	Ø40	M36 × 2	56	80		185+L	6	Ø160	Ø195	6 - M12 deep20	Ø395	
350	Ø40	M33 × 2	56	80		185+L	6	Ø160	Ø195	6 - M12 deep20	Ø425	
400	Ø40	M36 × 2	56	80		190+L	6	Ø160	Ø195	6 - M12 deep20	Ø490	

Ø350 ~ Ø800 dimension of double acting linear actuator



Model	d	M	L1	L2	L	H	h	d1	D1	n - m	D	Remark
350	Ø50	M42 × 2	56	80		185+L	6	Ø200	Ø238	8 - M14 deep22	Ø425	Stroke: L
400	Ø50	M42 × 2	56	80		190+L	6	Ø200	Ø238	8 - M14 deep22	Ø490	
450	Ø50	M42 × 2	56	80		190+L	6	Ø200	Ø238	8 - M14 deep22	Ø540	
450	Ø60	M48 × 2	65	110		190+L	7	Ø228	Ø252	8 - M14 deep22	Ø540	
500	Ø60	M48 × 2	65	110		190+L	7	Ø228	Ø252	8 - M14 deep22	Ø595	
560	Ø60	M48 × 2	65	110		195+L	7	Ø228	Ø252	8 - M14 deep22	Ø650	
600	Ø60	M48 × 2	65	110		195+L	7	Ø228	Ø252	8 - M14 deep22	Ø692	
630	Ø60	M48 × 2	65	110		195+L	7	Ø228	Ø252	8 - M14 deep22	Ø725	
560	Ø70	M56 × 2	65	115		195+L	7	Ø235	Ø285	8 - M16 deep26	Ø650	
600	Ø70	M56 × 2	65	115		195+L	7	Ø235	Ø285	8 - M16 deep26	Ø692	
630	Ø70	M56 × 2	65	115		195+L	7	Ø235	Ø285	8 - M16 deep26	Ø725	
700	Ø70	M56 × 2	65	115		215+L	7	Ø235	Ø285	8 - M16 deep26	Ø795	
800	Ø70	M56 × 2	65	115		215+L	8	Ø235	Ø285	8 - M16 deep26	Ø905	

Ø800 ~ Ø900 dimension of double acting linear actuator



Model	d	M	L1	L2	L	H	h	d1	D1	n-m	D	Remark
800	Ø80	M64 × 2	66	115		215+L	8	Ø340	Ø380	8 - M22 deep35	Ø900	Stroke: L
900	Ø80	M64 × 2	66	115		215+L	8	Ø340	Ø380	8 - M22 deep35	Ø1010	

How to Order

UNIT	1	2	3	4	5	6	Product code
CONTENT	Series	Structure	Cylinder	Stroke	Acting Type	Manual	HP - L - 100 - 500 - SRC4+HM
CODE	HP	L	500	100	SRC4	HM	
EXAMPLE	HP	L	500	100	SRC4	HM	

HP Series

Linear pneumatic actuators

80
~
1000

根据客户要求

DA		
SR	Spring Model	C4
		C5
		O4
		O5

Manual	
SM - Screw	
GM - Gear	
HM - Hydraulic	

