

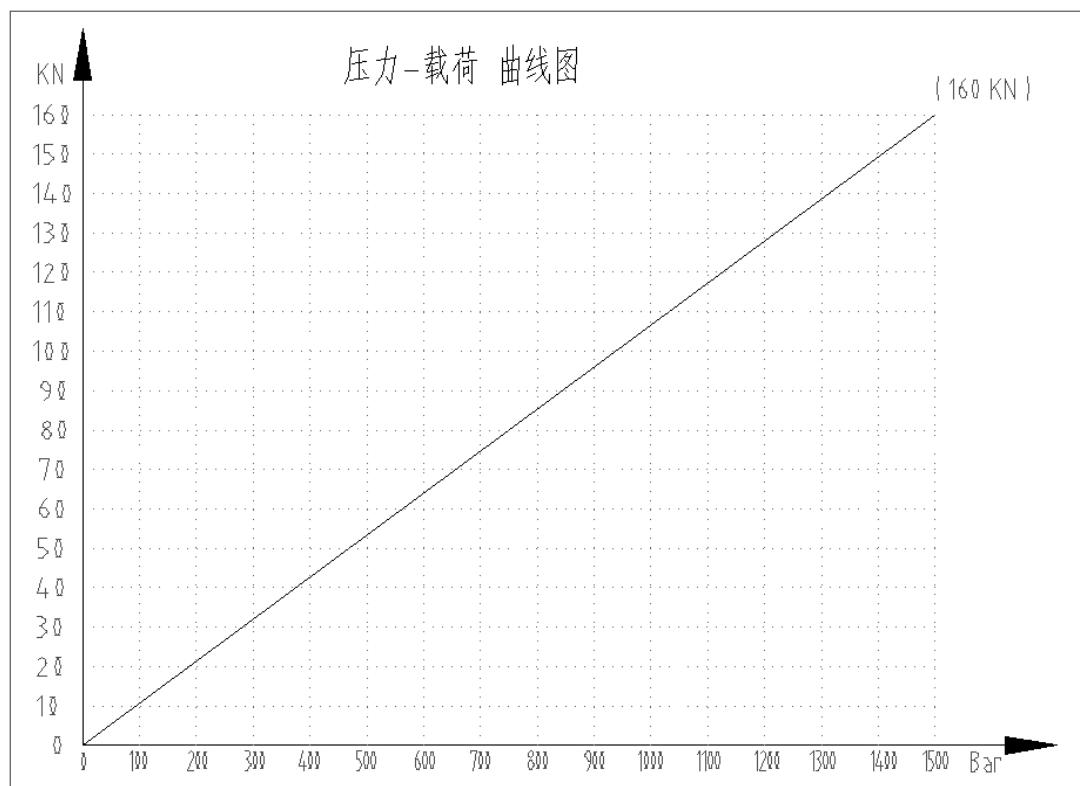
## 螺栓拉伸器压力对照表与曲线图

HSR0 拉伸器：压力、负载、拉伸力对照表		
工作压力 (Mpa)	负载 (KN)	拉伸力 (t)
2	2.1	0.2
4	4.3	0.4
6	6.4	0.7
8	8.5	0.9
10	10.7	1.1
12	12.8	1.3
14	14.9	1.5
16	17.1	1.7
18	19.2	2.0
20	21.3	2.2
22	23.5	2.4
24	25.6	2.6
26	27.7	2.8
28	29.9	3.0
30	32.0	3.3
32	34.1	3.5
34	36.3	3.7
36	38.4	3.9
38	40.5	4.1
40	42.7	4.4
42	44.8	4.6
44	46.9	4.8
46	49.1	5.0
48	51.2	5.2
50	53.3	5.4
52	55.5	5.7
54	57.6	5.9
56	59.7	6.1
58	61.9	6.3
60	64.0	6.5
62	66.1	6.7
64	68.3	7.0
66	70.4	7.2
68	72.5	7.4
70	74.7	7.6
72	76.8	7.8
74	78.9	8.1
76	81.1	8.3
78	83.2	8.5
80	85.3	8.7
82	87.5	8.9
84	89.6	9.1
86	91.7	9.4
88	93.9	9.6
90	96.0	9.8
92	98.1	10.0
94	100.3	10.2
96	102.4	10.4
98	104.5	10.7
100	106.7	10.9

计算公式：

负载 (KN) = 工作压力 (Mpa) / 150x160

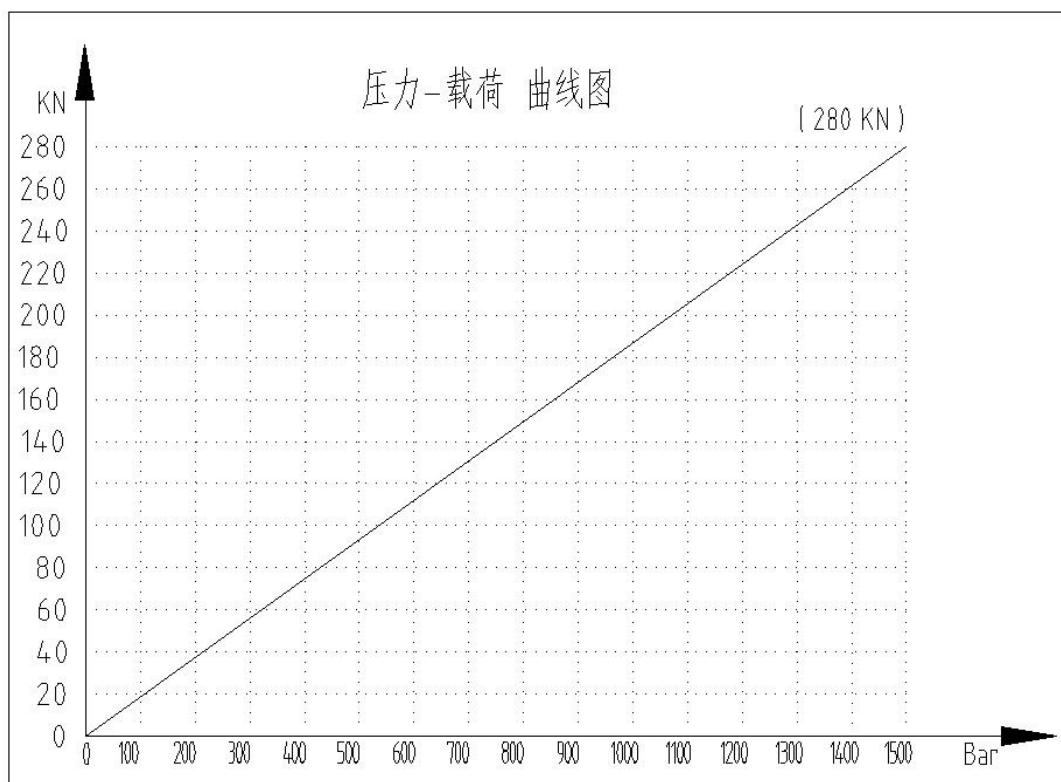
拉伸力 (t) = 负载 (KN) / 9.8



HSR1 拉伸器: 压力、负载、拉伸力对照表

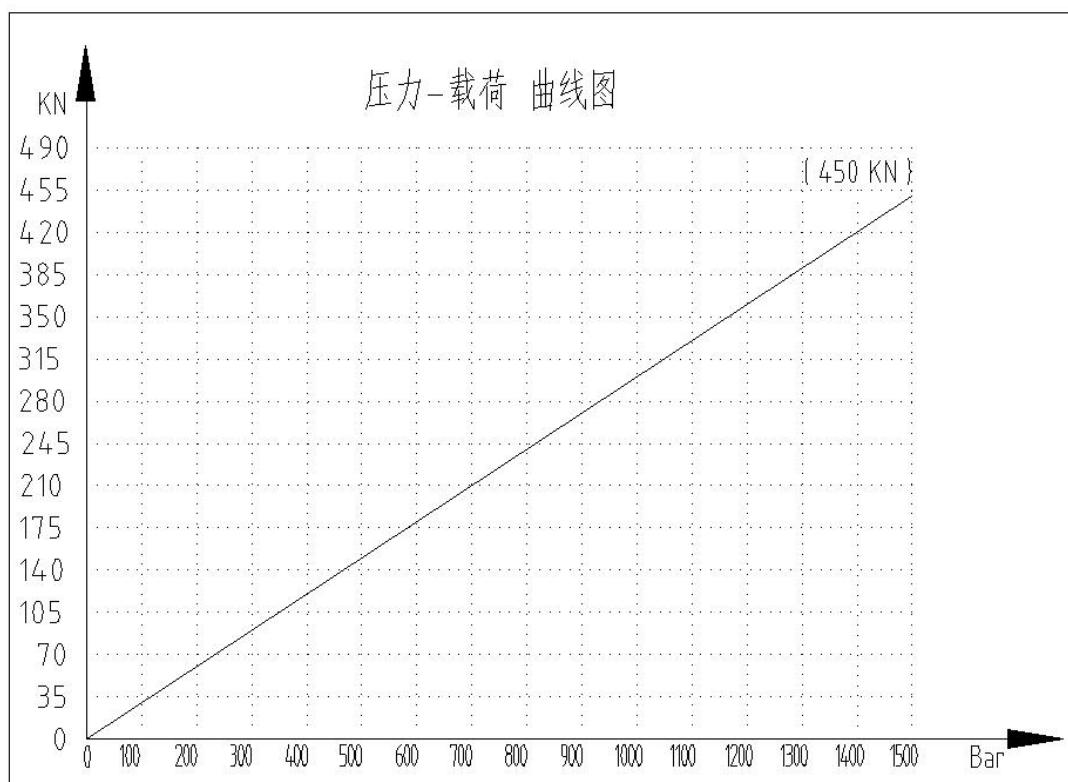
工作压力 (Mpa)	负载 (KN)	拉伸力 (t)	工作压力 (Mpa)	负载 (KN)	拉伸力 (t)	工作压力 (Mpa)	负载 (KN)	拉伸力 (t)
2	3.7	0.4	52	97.1	9.9	102	190.4	19.4
4	7.5	0.8	54	100.8	10.3	104	194.1	19.8
6	11.2	1.1	56	104.5	10.7	106	197.9	20.2
8	14.9	1.5	58	108.3	11.0	108	201.6	20.6
10	18.7	1.9	60	112.0	11.4	110	205.3	21.0
12	22.4	2.3	62	115.7	11.8	112	209.1	21.3
14	26.1	2.7	64	119.5	12.2	114	212.8	21.7
16	29.9	3.0	66	123.2	12.6	116	216.5	22.1
18	33.6	3.4	68	126.9	13.0	118	220.3	22.5
20	37.3	3.8	70	130.7	13.3	120	224.0	22.9
22	41.1	4.2	72	134.4	13.7	122	227.7	23.2
24	44.8	4.6	74	138.1	14.1	124	231.5	23.6
26	48.5	5.0	76	141.9	14.5	126	235.2	24.0
28	52.3	5.3	78	145.6	14.9	128	238.9	24.4
30	56.0	5.7	80	149.3	15.2	130	242.7	24.8
32	59.7	6.1	82	153.1	15.6	132	246.4	25.1
34	63.5	6.5	84	156.8	16.0	134	250.1	25.5
36	67.2	6.9	86	160.5	16.4	136	253.9	25.9
38	70.9	7.2	88	164.3	16.8	138	257.6	26.3
40	74.7	7.6	90	168.0	17.1	140	261.3	26.7
42	78.4	8.0	92	171.7	17.5	142	265.1	27.0
44	82.1	8.4	94	175.5	17.9	144	268.8	27.4
46	85.9	8.8	96	179.2	18.3	146	272.5	27.8
48	89.6	9.1	98	182.9	18.7	148	276.3	28.2
50	93.3	9.5	100	186.7	19.0	150	280.0	28.6

计算公式: 负载 (KN) = 工作压力 (Mpa) / 150x280 拉伸力 (t) = 负载 (KN) / 9.8



HSR2 拉伸器: 压力、负载、拉伸力对照表								
工作压力 (Mpa)	负载 (KN)	拉伸力 (t)	工作压力 (Mpa)	负载 (KN)	拉伸力 (t)	工作压力 (Mpa)	负载 (KN)	拉伸力 (t)
2	6	0.6	52	156.0	15.9	102	306.0	31.2
4	12.0	1.2	54	162.0	16.5	104	312.0	31.8
6	18.0	1.8	56	168.0	17.1	106	318.0	32.4
8	24.0	2.4	58	174.0	17.8	108	324.0	33.1
10	30.0	3.1	60	180.0	18.4	110	330.0	33.7
12	36.0	3.7	62	186.0	19.0	112	336.0	34.3
14	42.0	4.3	64	192.0	19.6	114	342.0	34.9
16	48.0	4.9	66	198.0	20.2	116	348.0	35.5
18	54.0	5.5	68	204.0	20.8	118	354.0	36.1
20	60.0	6.1	70	210.0	21.4	120	360.0	36.7
22	66.0	6.7	72	216.0	22.0	122	366.0	37.3
24	72.0	7.3	74	222.0	22.7	124	372.0	38.0
26	78.0	8.0	76	228.0	23.3	126	378.0	38.6
28	84.0	8.6	78	234.0	23.9	128	384.0	39.2
30	90.0	9.2	80	240.0	24.5	130	390.0	39.8
32	96.0	9.8	82	246.0	25.1	132	396.0	40.4
34	102.0	10.4	84	252.0	25.7	134	402.0	41.0
36	108.0	11.0	86	258.0	26.3	136	408.0	41.6
38	114.0	11.6	88	264.0	26.9	138	414.0	42.2
40	120.0	12.2	90	270.0	27.6	140	420.0	42.9
42	126.0	12.9	92	276.0	28.2	142	426.0	43.5
44	132.0	13.5	94	282.0	28.8	144	432.0	44.1
46	138.0	14.1	96	288.0	29.4	146	438.0	44.7
48	144.0	14.7	98	294.0	30.0	148	444.0	45.3
50	150.0	15.3	100	300.0	30.6	150	450.0	45.9

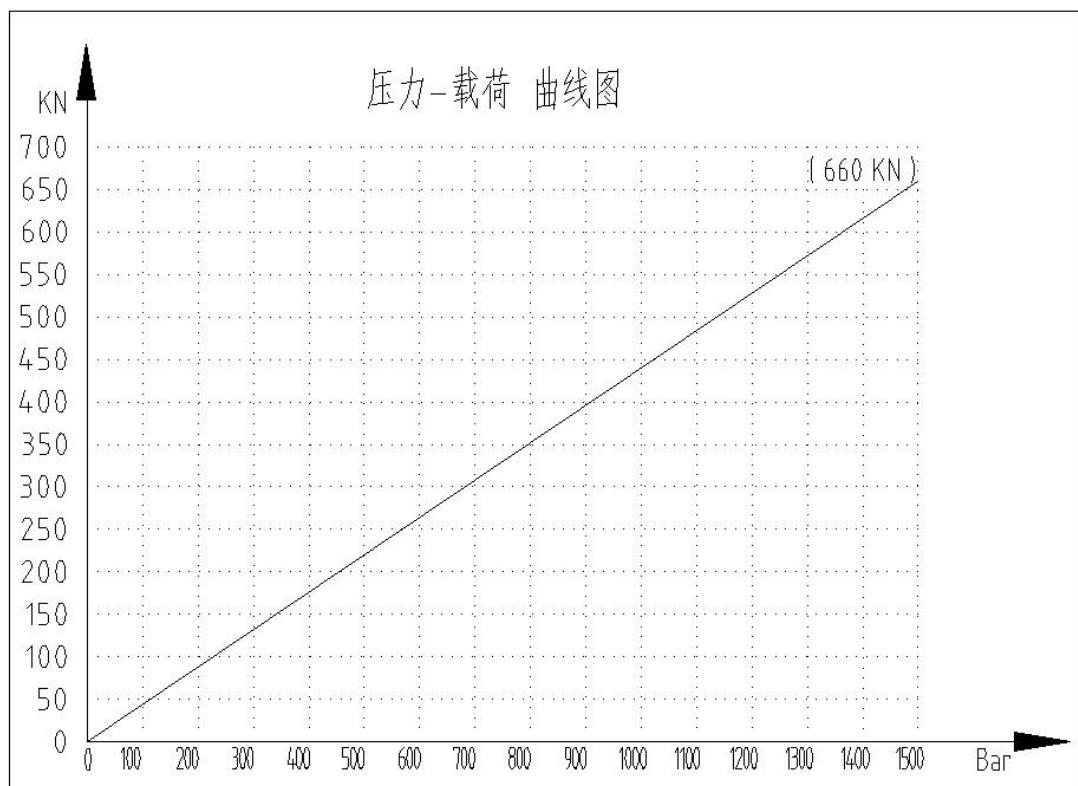
计算公式: 负载 (KN) = 工作压力 (Mpa) / 150x450 拉伸力 (t) = 负载 (KN) / 9.8



HSR3 拉伸器: 压力、负载、拉伸力对照表

工作压力 (Mpa)	负载 (KN)	拉伸力 (t)	工作压力 (Mpa)	负载 (KN)	拉伸力 (t)	工作压力 (Mpa)	负载 (KN)	拉伸力 (t)
2	8.8	0.9	52	228.8	23.3	102	448.8	45.8
4	17.6	1.8	54	237.6	24.2	104	457.6	46.7
6	26.4	2.7	56	246.4	25.1	106	466.4	47.6
8	35.2	3.6	58	255.2	26.0	108	475.2	48.5
10	44.0	4.5	60	264.0	26.9	110	484.0	49.4
12	52.8	5.4	62	272.8	27.8	112	492.8	50.3
14	61.6	6.3	64	281.6	28.7	114	501.6	51.2
16	70.4	7.2	66	290.4	29.6	116	510.4	52.1
18	79.2	8.1	68	299.2	30.5	118	519.2	53.0
20	88.0	9.0	70	308.0	31.4	120	528.0	53.9
22	96.8	9.9	72	316.8	32.3	122	536.8	54.8
24	105.6	10.8	74	325.6	33.2	124	545.6	55.7
26	114.4	11.7	76	334.4	34.1	126	554.4	56.6
28	123.2	12.6	78	343.2	35.0	128	563.2	57.5
30	132.0	13.5	80	352.0	35.9	130	572.0	58.4
32	140.8	14.4	82	360.8	36.8	132	580.8	59.3
34	149.6	15.3	84	369.6	37.7	134	589.6	60.2
36	158.4	16.2	86	378.4	38.6	136	598.4	61.1
38	167.2	17.1	88	387.2	39.5	138	607.2	62.0
40	176.0	18.0	90	396.0	40.4	140	616.0	62.9
42	184.8	18.9	92	404.8	41.3	142	624.8	63.8
44	193.6	19.8	94	413.6	42.2	144	633.6	64.7
46	202.4	20.7	96	422.4	43.1	146	642.4	65.6
48	211.2	21.6	98	431.2	44.0	148	651.2	66.4
50	220.0	22.4	100	440.0	44.9	150	660.0	67.3

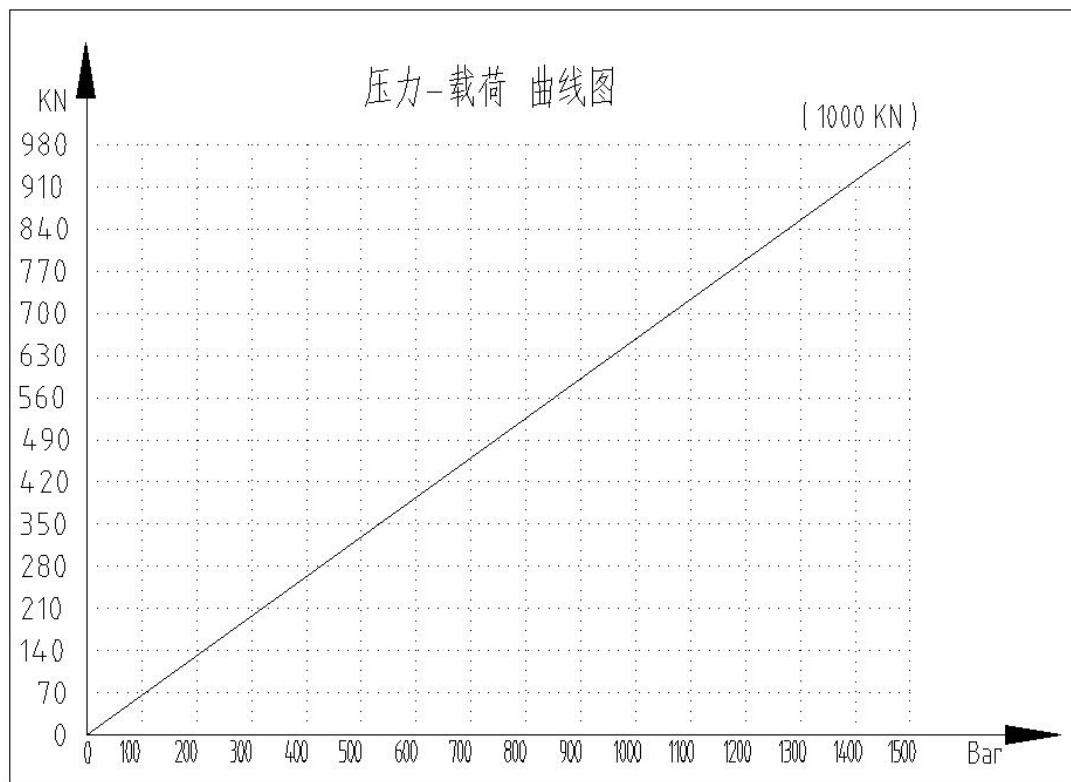
计算公式: 负载 (KN) = 工作压力 (Mpa) / 150x660 拉伸力 (t) = 负载 (KN) / 9.8



HSR4 拉伸器: 压力、负载、拉伸力对照表

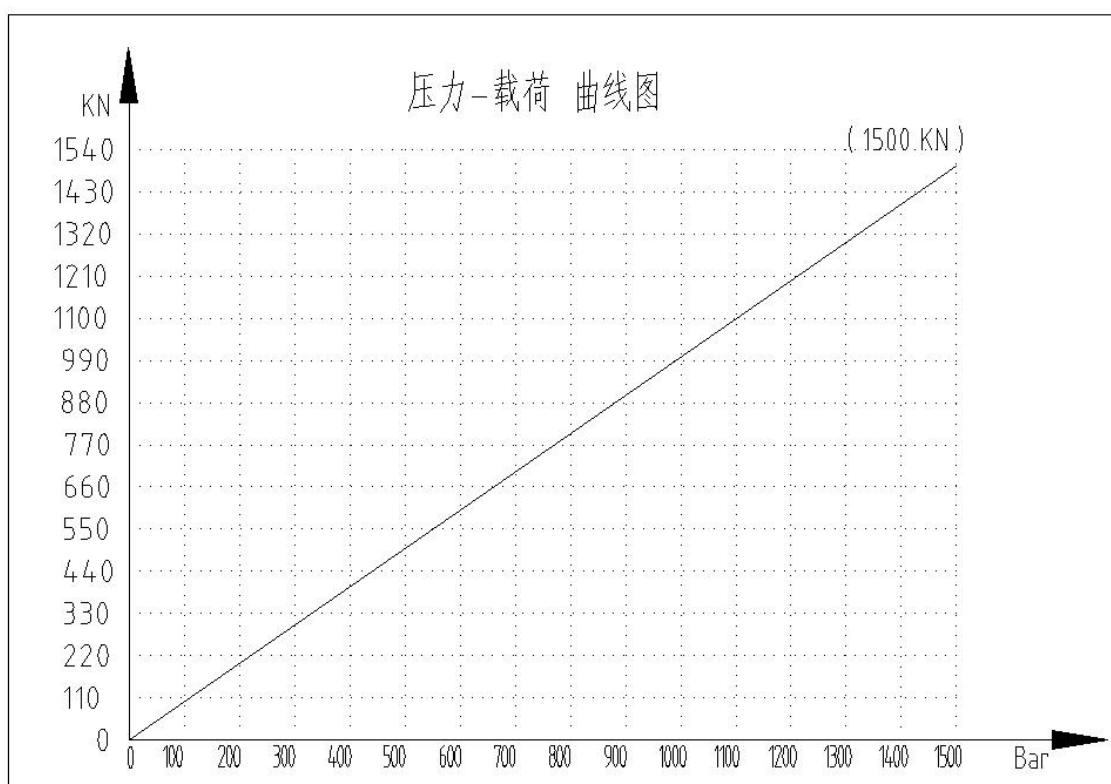
工作压力 (Mpa)	负载 (KN)	拉伸力 (t)	工作压力 (Mpa)	负载 (KN)	拉伸力 (t)	工作压力 (Mpa)	负载 (KN)	拉伸力 (t)
2	13.3	1.4	52	346.7	35.4	102	680.0	69.4
4	26.7	2.7	54	360.0	36.7	104	693.3	70.7
6	40.0	4.1	56	373.3	38.1	106	706.7	72.1
8	53.3	5.4	58	386.7	39.5	108	720.0	73.5
10	66.7	6.8	60	400.0	40.8	110	733.3	74.8
12	80.0	8.2	62	413.3	42.2	112	746.7	76.2
14	93.3	9.5	64	426.7	43.5	114	760.0	77.6
16	106.7	10.9	66	440.0	44.9	116	773.3	78.9
18	120.0	12.2	68	453.3	46.3	118	786.7	80.3
20	133.3	13.6	70	466.7	47.6	120	800.0	81.6
22	146.7	15.0	72	480.0	49.0	122	813.3	83.0
24	160.0	16.3	74	493.3	50.3	124	826.7	84.4
26	173.3	17.7	76	506.7	51.7	126	840.0	85.7
28	186.7	19.0	78	520.0	53.1	128	853.3	87.1
30	200.0	20.4	80	533.3	54.4	130	866.7	88.4
32	213.3	21.8	82	546.7	55.8	132	880.0	89.8
34	226.7	23.1	84	560.0	57.1	134	893.3	91.2
36	240.0	24.5	86	573.3	58.5	136	906.7	92.5
38	253.3	25.9	88	586.7	59.9	138	920.0	93.9
40	266.7	27.2	90	600.0	61.2	140	933.3	95.2
42	280.0	28.6	92	613.3	62.6	142	946.7	96.6
44	293.3	29.9	94	626.7	63.9	144	960.0	98.0
46	306.7	31.3	96	640.0	65.3	146	973.3	99.3
48	320.0	32.7	98	653.3	66.7	148	986.7	100.7
50	333.3	34.0	100	666.7	68.0	150	1000.0	102.0

计算公式: 负载 (KN) = 工作压力 (Mpa) / 150x1000 拉伸力 (t) = 负载 (KN) / 9.8



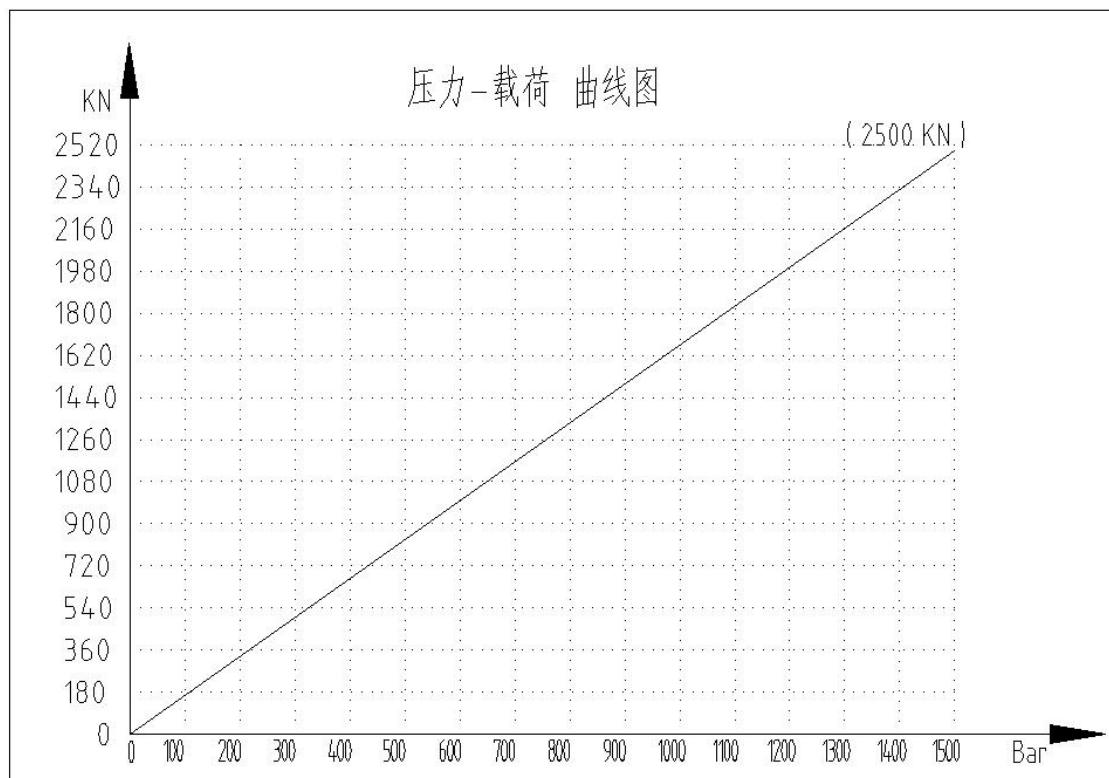
HSR5 拉伸器: 压力、负载、拉伸力对照表								
工作压力 (Mpa)	负载 (KN)	拉伸力 (t)	工作压力 (Mpa)	负载 (KN)	拉伸力 (t)	工作压力 (Mpa)	负载 (KN)	拉伸力 (t)
2	20	2.0	52	520.0	53.1	102	1020.0	104.1
4	40.0	4.1	54	540.0	55.1	104	1040.0	106.1
6	60.0	6.1	56	560.0	57.1	106	1060.0	108.2
8	80.0	8.2	58	580.0	59.2	108	1080.0	110.2
10	100.0	10.2	60	600.0	61.2	110	1100.0	112.2
12	120.0	12.2	62	620.0	63.3	112	1120.0	114.3
14	140.0	14.3	64	640.0	65.3	114	1140.0	116.3
16	160.0	16.3	66	660.0	67.3	116	1160.0	118.4
18	180.0	18.4	68	680.0	69.4	118	1180.0	120.4
20	200.0	20.4	70	700.0	71.4	120	1200.0	122.4
22	220.0	22.4	72	720.0	73.5	122	1220.0	124.5
24	240.0	24.5	74	740.0	75.5	124	1240.0	126.5
26	260.0	26.5	76	760.0	77.6	126	1260.0	128.6
28	280.0	28.6	78	780.0	79.6	128	1280.0	130.6
30	300.0	30.6	80	800.0	81.6	130	1300.0	132.7
32	320.0	32.7	82	820.0	83.7	132	1320.0	134.7
34	340.0	34.7	84	840.0	85.7	134	1340.0	136.7
36	360.0	36.7	86	860.0	87.8	136	1360.0	138.8
38	380.0	38.8	88	880.0	89.8	138	1380.0	140.8
40	400.0	40.8	90	900.0	91.8	140	1400.0	142.9
42	420.0	42.9	92	920.0	93.9	142	1420.0	144.9
44	440.0	44.9	94	940.0	95.9	144	1440.0	146.9
46	460.0	46.9	96	960.0	98.0	146	1460.0	149.0
48	480.0	49.0	98	980.0	100.0	148	1480.0	151.0
50	500.0	51.0	100	1000.0	102.0	150	1500.0	153.1

计算公式: 负载 (KN) = 工作压力 (Mpa) / 150x1500 拉伸力 (t) = 负载 (KN) / 9.8



HSR6 拉伸器: 压力、负载、拉伸力对照表					
工作压力 (Mpa)	负载 (KN)	拉伸力 (t)	工作压力 (Mpa)	负载 (KN)	拉伸力 (t)
2	33.3	3.4	52	866.7	88.4
4	66.7	6.8	54	900.0	91.8
6	100.0	10.2	56	933.3	95.2
8	133.3	13.6	58	966.7	98.6
10	166.7	17.0	60	1000.0	102.0
12	200.0	20.4	62	1033.3	105.4
14	233.3	23.8	64	1066.7	108.8
16	266.7	27.2	66	1100.0	112.2
18	300.0	30.6	68	1133.3	115.6
20	333.3	34.0	70	1166.7	119.0
22	366.7	37.4	72	1200.0	122.4
24	400.0	40.8	74	1233.3	125.9
26	433.3	44.2	76	1266.7	129.3
28	466.7	47.6	78	1300.0	132.7
30	500.0	51.0	80	1333.3	136.1
32	533.3	54.4	82	1366.7	139.5
34	566.7	57.8	84	1400.0	142.9
36	600.0	61.2	86	1433.3	146.3
38	633.3	64.6	88	1466.7	149.7
40	666.7	68.0	90	1500.0	153.1
42	700.0	71.4	92	1533.3	156.5
44	733.3	74.8	94	1566.7	159.9
46	766.7	78.2	96	1600.0	163.3
48	800.0	81.6	98	1633.3	166.7
50	833.3	85.0	100	1666.7	170.1

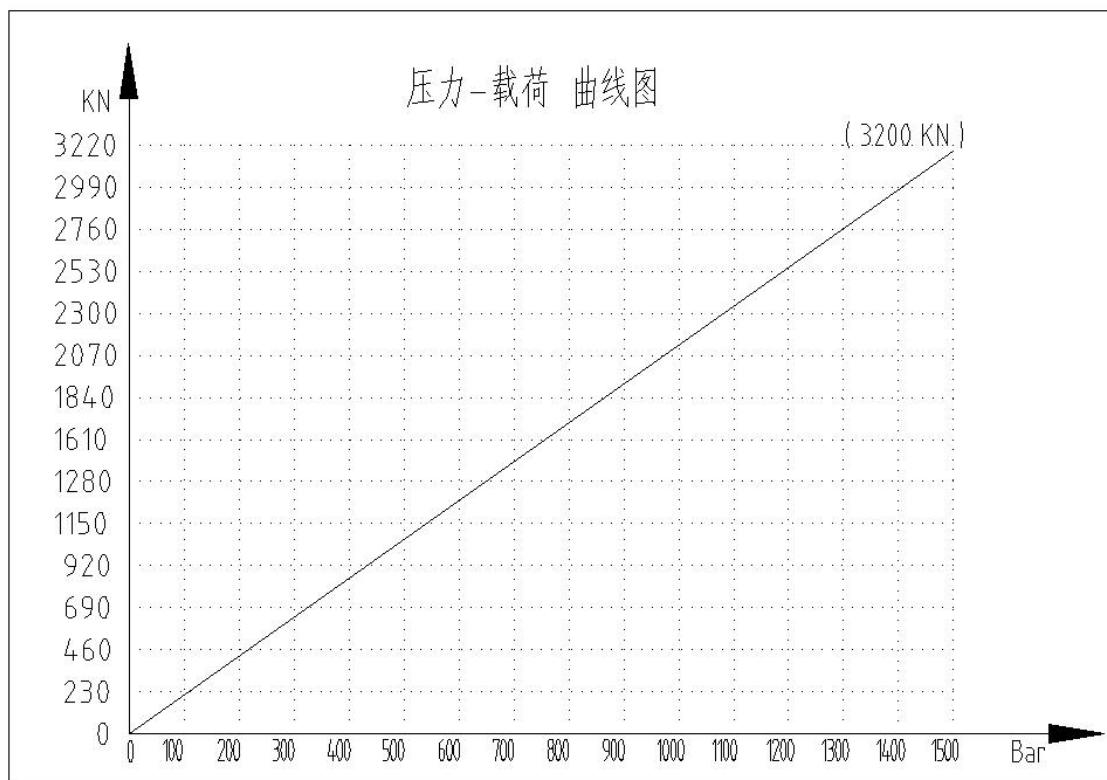
计算公式: 负载 (KN) = 工作压力 (Mpa) / 150x2500 拉伸力 (t) = 负载 (KN) / 9.8



HSR7 拉伸器: 压力、负载、拉伸力对照表

工作压力 (Mpa)	负载 (KN)	拉伸力 (t)	工作压力 (Mpa)	负载 (KN)	拉伸力 (t)	工作压力 (Mpa)	负载 (KN)	拉伸力 (t)
2	42.7	4.4	52	1109.3	113.2	102	2176.0	222.0
4	85.3	8.7	54	1152.0	117.6	104	2218.7	226.4
6	128.0	13.1	56	1194.7	121.9	106	2261.3	230.7
8	170.7	17.4	58	1237.3	126.3	108	2304.0	235.1
10	213.3	21.8	60	1280.0	130.6	110	2346.7	239.5
12	256.0	26.1	62	1322.7	135.0	112	2389.3	243.8
14	298.7	30.5	64	1365.3	139.3	114	2432.0	248.2
16	341.3	34.8	66	1408.0	143.7	116	2474.7	252.5
18	384.0	39.2	68	1450.7	148.0	118	2517.3	256.9
20	426.7	43.5	70	1493.3	152.4	120	2560.0	261.2
22	469.3	47.9	72	1536.0	156.7	122	2602.7	265.6
24	512.0	52.2	74	1578.7	161.1	124	2645.3	269.9
26	554.7	56.6	76	1621.3	165.4	126	2688.0	274.3
28	597.3	61.0	78	1664.0	169.8	128	2730.7	278.6
30	640.0	65.3	80	1706.7	174.1	130	2773.3	283.0
32	682.7	69.7	82	1749.3	178.5	132	2816.0	287.3
34	725.3	74.0	84	1792.0	182.9	134	2858.7	291.7
36	768.0	78.4	86	1834.7	187.2	136	2901.3	296.1
38	810.7	82.7	88	1877.3	191.6	138	2944.0	300.4
40	853.3	87.1	90	1920.0	195.9	140	2986.7	304.8
42	896.0	91.4	92	1962.7	200.3	142	3029.3	309.1
44	938.7	95.8	94	2005.3	204.6	144	3072.0	313.5
46	981.3	100.1	96	2048.0	209.0	146	3114.7	317.8
48	1024.0	104.5	98	2090.7	213.3	148	3157.3	322.2
50	1066.7	108.8	100	2133.3	217.7	150	3200.0	326.5

计算公式: 负载 (KN) = 工作压力 (Mpa) / 150x3200 拉伸力 (t) = 负载 (KN) / 9.8



HSR8 拉伸器: 压力、负载、拉伸力对照表

工作压力 (Mpa)	负载 (KN)	拉伸力 (t)	工作压力 (Mpa)	负载 (KN)	拉伸力 (t)	工作压力 (Mpa)	负载 (KN)	拉伸力 (t)
2	54.7	5.6	52	1421.3	145.0	102	2788.0	284.5
4	109.3	11.2	54	1476.0	150.6	104	2842.7	290.1
6	164.0	16.7	56	1530.7	156.2	106	2897.3	295.6
8	218.7	22.3	58	1585.3	161.8	108	2952.0	301.2
10	273.3	27.9	60	1640.0	167.3	110	3006.7	306.8
12	328.0	33.5	62	1694.7	172.9	112	3061.3	312.4
14	382.7	39.0	64	1749.3	178.5	114	3116.0	318.0
16	437.3	44.6	66	1804.0	184.1	116	3170.7	323.5
18	492.0	50.2	68	1858.7	189.7	118	3225.3	329.1
20	546.7	55.8	70	1913.3	195.2	120	3280.0	334.7
22	601.3	61.4	72	1968.0	200.8	122	3334.7	340.3
24	656.0	66.9	74	2022.7	206.4	124	3389.3	345.9
26	710.7	72.5	76	2077.3	212.0	126	3444.0	351.4
28	765.3	78.1	78	2132.0	217.6	128	3498.7	357.0
30	820.0	83.7	80	2186.7	223.1	130	3553.3	362.6
32	874.7	89.3	82	2241.3	228.7	132	3608.0	368.2
34	929.3	94.8	84	2296.0	234.3	134	3662.7	373.7
36	984.0	100.4	86	2350.7	239.9	136	3717.3	379.3
38	1038.7	106.0	88	2405.3	245.4	138	3772.0	384.9
40	1093.3	111.6	90	2460.0	251.0	140	3826.7	390.5
42	1148.0	117.1	92	2514.7	256.6	142	3881.3	396.1
44	1202.7	122.7	94	2569.3	262.2	144	3936.0	401.6
46	1257.3	128.3	96	2624.0	267.8	146	3990.7	407.2
48	1312.0	133.9	98	2678.7	273.3	148	4045.3	412.8
50	1366.7	139.5	100	2733.3	278.9	150	4100.0	418.4

计算公式: 负载 (KN) = 工作压力 (Mpa) / 150 x 4100 拉伸力 (t) = 负载 (KN) / 9.8

