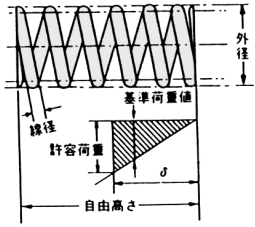


圧縮コイルばね

㈱アキュレイト

235452



ばね設計の基本式

$$P = \frac{8ND^3}{d^4G} \delta$$

$$\delta = \frac{8Nd^3}{G D^4} P$$

δ : ばねのたわみ〔mm〕

d : 線径〔mm〕

D : コイル平均径〔mm〕

Na : 有効巻き数

G : 横弾性係数〔N/mm²〕

P : 圧縮ばねの荷重

使用材料

SWP - B

基準荷重

許容範囲の中心荷重

端部形状

全て研磨あり

圧縮コイル標準ばね寸法および価格

注) 販売はパック単位になります。

製品コード	パック価格	基準荷重 N	自由高さ mm	線径 mm	外径 mm	許容荷重 N	密着高さ mm	パック入数	製品コード	パック価格	基準荷重 N	自由高さ mm	線径 mm	外径 mm	許容荷重 N	密着高さ mm	パック入数
P401	3,340	3.6	46.5	1.0	14.0	6.0	21.0	10	P459	3,340	43.8	45.0	1.6	14.1	73.0	18.4	5
P402	3,340	4.6	13.5	1.0	14.0	7.6	6.25	10	P460	3,340	52.5	57.5	2.0	22.2	87.5	19.5	5
P403	3,340	10.5	47.5	1.6	24.6	17.6	17.6	5	P461	3,340	56.9	28.5	2.3	24.3	94.7	13.8	5
P404	3,340	12.8	36.0	1.0	9.6	21.4	16.3	10	P462	3,340	46.7	40.0	1.4	8.8	77.9	21.0	10
P405	3,340	13.4	22.0	1.4	17.4	22.5	9.8	10	P463	3,340	60.4	37.5	2.6	31.6	100.6	15.6	3
P406	3,340	14.8	20.0	2.3	37.3	24.7	10.4	3	P464	3,340	47.6	101.5	2.0	24.6	79.3	18.0	5
P407	3,340	15.8	72.5	1.2	15.2	26.3	20.1	5	P465	3,340	50.5	31.0	1.2	4.8	84.2	26.4	10
P408	3,340	15.7	30.0	1.6	22.6	26.1	11.2	10	P466	3,340	39.4	60.0	1.6	15.8	65.6	19.2	10
P409	3,340	16.8	55.0	1.4	24.4	27.9	9.8	10	P467	3,340	48.0	49.0	1.6	12.8	79.9	19.2	10
P410	3,340	20.7	57.0	1.2	12.3	34.5	21.0	10	P468	3,340	51.9	55.5	2.2	29.4	86.5	12.1	5
P411	3,340	17.9	41.5	1.0	9.0	29.9	12.8	10	P469	3,340	58.0	67.0	2.0	20.0	96.6	26.0	3
P412	3,340	18.1	22.0	1.1	11.7	30.3	5.5	10	P470	3,340	49.7	21.0	1.4	8.2	82.8	12.3	10
P413	3,340	27.6	17.0	1.8	27.0	45.9	6.3	5	P471	3,340	60.9	45.5	1.8	13.1	101.5	27.0	5
P414	3,340	19.6	30.0	1.0	8.2	32.6	11.0	10	P472	3,340	49.0	79.0	2.1	27.0	81.8	18.9	5
P415	3,340	20.5	16.0	1.1	10.3	34.1	6.1	10	P473	3,340	51.3	36.0	1.4	7.9	85.5	21.0	10
P416	3,340	28.0	37.5	1.8	22.2	46.7	14.4	3	P474	3,340	63.2	45.0	2.0	14.4	105.3	29.0	5
P417	3,340	24.2	26.5	1.0	6.5	40.3	16.0	10	P475	3,340	53.6	23.0	1.4	7.5	89.4	15.4	10
P418	3,340	28.7	29.0	2.6	52.5	47.9	9.1	3	P476	3,340	54.2	36.0	1.4	7.4	90.4	22.4	10
P419	3,340	25.2	25.5	1.0	6.2	42.0	16.0	10	P477	3,340	68.6	40.0	1.8	11.8	114.4	26.1	5
P420	3,340	24.4	40.0	1.2	11.2	40.7	14.4	10	P478	3,340	63.7	39.0	1.8	13.3	106.2	21.6	5
P421	3,340	27.9	100.0	1.4	15.4	46.4	30.8	10	P479	3,340	63.5	58.0	2.5	35.3	105.9	15.0	3
P422	3,340	24.9	23.5	1.0	6.3	41.4	12.0	10	P480	3,340	58.1	31.0	2.3	30.0	96.8	9.2	5
P423	3,340	27.2	18.0	1.0	5.7	45.2	12.5	10	P481	3,340	75.4	55.5	3.0	36.6	125.6	22.5	2
P424	3,340	31.0	22.0	2.6	44.7	51.7	9.1	3	P482	3,340	92.3	19.5	2.9	33.3	153.9	10.2	3
P425	3,340	34.4	23.0	1.2	7.4	57.4	15.6	10	P483	3,340	61.0	62.0	1.6	9.8	101.7	36.8	5
P426	3,340	33.0	54.0	2.3	36.6	55.1	15.6	3	P484	3,340	62.5	25.0	1.8	13.6	104.1	12.6	10
P427	3,340	29.3	12.5	1.2	9.2	48.9	6.0	10	P485	3,340	64.4	32.5	1.6	9.2	107.4	21.6	10
P428	3,340	29.0	30.0	1.2	9.3	48.4	14.4	10	P486	3,340	65.0	61.5	1.6	9.1	108.4	41.2	10
P429	3,340	30.9	32.0	1.2	8.7	51.5	16.8	5	P487	3,340	84.8	64.0	2.4	20.4	141.3	33.6	3
P430	3,340	39.1	37.5	2.0	22.5	65.2	16.0	5	P488	3,340	68.9	49.5	1.8	12.2	114.9	27.0	3
P431	3,340	31.6	47.0	1.2	8.5	52.6	24.9	10	P489	3,340	70.2	107.0	2.7	39.3	116.9	21.6	2
P432	3,340	39.7	45.5	2.3	31.3	66.2	16.0	3	P490	3,340	71.0	28.0	1.6	8.2	118.4	18.4	10
P433	3,340	34.8	22.5	1.2	7.6	58.1	14.4	10	P491	3,340	73.2	167.0	2.5	30.5	121.9	39.4	2
P434	3,340	39.2	114.5	1.6	15.0	65.4	47.2	3	P492	3,340	74.9	51.5	1.8	11.1	124.9	30.6	5
P435	3,340	33.7	35.0	1.6	18.6	56.2	11.2	5	P493	3,340	69.4	26.0	1.8	12.1	115.7	16.2	5
P436	3,340	28.8	20.0	1.0	5.3	48.1	10.8	10	P494	3,340	93.3	41.0	2.9	28.6	155.4	21.1	2
P437	3,340	38.0	35.5	1.2	6.9	63.2	24.6	10	P495	3,340	74.4	39.0	2.0	15.3	124.0	18.5	5
P438	3,340	32.4	23.5	1.0	4.6	54.0	18.0	10	P496	3,340	129.5	11.5	2.9	23.7	215.8	8.7	3
P439	3,340	33.0	99.0	1.6	19.0	55.1	20.0	5	P497	3,340	81.4	44.0	1.8	10.1	135.6	25.2	5
P440	3,340	33.3	32.0	1.1	6.0	55.6	20.7	10	P498	3,340	80.7	40.5	1.8	10.2	134.4	25.2	10
P441	3,340	40.3	77.0	2.0	29.0	67.2	18.0	5	P499	3,340	80.5	46.0	1.6	7.0	134.2	35.2	10
P442	3,340	34.4	15.5	1.2	7.7	57.4	8.4	10	P500	3,340	80.5	44.0	1.6	7.0	134.2	33.6	10
P443	3,340	35.3	20.5	1.2	7.5	58.8	9.6	10	P501	3,340	82.1	60.0	1.8	10.0	136.8	37.8	5
P444	3,340	35.7	27.5	1.2	7.4	59.5	13.2	10	P502	3,340	83.4	47.0	2.0	13.5	138.9	26.0	5
P445	3,340	35.7	41.5	1.2	7.4	59.5	24.0	10	P503	3,340	83.5	35.0	2.6	30.0	139.0	11.1	3
P446	3,340	45.3	52.0	1.8	19.0	75.5	19.4	5	P504	3,340	83.5	60.0	1.8	9.8	139.1	39.6	5
P447	3,340	43.5	60.0	1.8	16.8	72.6	27.9	3	P505	3,340	84.1	55.5	2.3	20.3	140.2	18.4	3
P448	3,340	47.2	25.0	2.9	37.7	78.6	13.1	3	P506	3,340	99.0	98.0	3.0	37.0	165.0	28.5	2
P449	3,340	38.4	37.6	1.6	16.2	64.1	12.8	10	P507	3,340	105.5	45.5	3.2	33.2	175.9	22.4	3
P450	3,340	41.5	21.0	1.2	6.2	69.2	15.6	10	P508	3,340	80.7	48.0	2.0	14.0	134.5	26.0	5
P451	3,340	41.5	22.0	1.2	6.2	69.2	15.0	10	P509	3,340	89.4	29.5	2.2	16.5	149.1	16.5	10
P452	3,340	41.5	22.5	1.2	6.2	69.2	15.3	10	P510	3,340	92.6	60.0	2.3	18.3	154.3	29.9	3
P453	3,340	43.9	33.0	1.8	19.8	73.2	11.7	5	P511	3,340	87.2	58.0	1.8	9.3	145.4	40.5	10
P454	3,340	44.0	28.0	1.4	9.4	73.4	14.7	10	P512	3,340	88.9	62.5	2.1	14.3	148.3	32.0	5
P455	3,340	42.4	91.5	1.8	20.6	70.5	23.9	5	P513	3,340	103.2	47.0	2.5	21.2	171.9	23.8	3
P456	3,340	42.4	45.5	1.8	20.6	70.5	13.5	5	P514	3,340	87.2	30.0	1.8	9.3	145.4	20.7	10
P457	3,340	44.9	34.5	1.4	9.2	74.8	20.3	10	P515	3,340	96.8	141.5	3.4	55.6	161.4	25.5	1
P458	3,340	54.9	87.5	2.3	31.8	91.5	21.3	3	P516	3,340	121.1	52.5	2.9	25.9	201.9	26.9	3



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