Power Max Spring - Extra Heavy Load

Series P1 | Deflection - 20%

Colour : Grey

WIRE

P1-15				Max Life		Avg Life		Code
Do	di	Lo	Load Rate	Pm	Lm	Pa	La	
(mm)	(mm)	(mm)	(Kg)	(Kg)	(mm)	(Kg)	(mm)	
15	7.5	25	31.0	125.0	4.0	156.3	5.0	P1 -15-25
		30	26.0	124.8	4.8	156.0	6.0	P1 -15-30
		35	21.6	121.0	5.6	151.0	7.0	P1 -15-35
		40	17.6	112.6	6.4	140.8	8.0	P1 -15-40
		50	13.8	110.7	8.0	138.4	10.0	P1 -15-50
		55	12.5	110.0	8.8	137.5	11.0	P1 -15-55
		60	11.0	105.6	9.6	132.0	12.0	P1 -15-60
		65	10.1	105.0	10.4	131.3	13.0	P1 -15-65
		70	9.0	100.8	11.2	126.0	14.0	P1 -15-70
		75	8.0	96.0	12.0	120.0	15.0	P1 -15-75
		80	7.8	100.4	12.8	125.4	16.0	P1 -15-80
		90	7.0	100.8	14.4	126.0	18.0	P1 -15-90
		100	6.2	99.5	16.0	124.4	20.0	P1 -15-100

P1-25				Max Life		Avg Life		
Do	di	Lo	Load Rate	Pm	Lm	Pa	La	Code
(mm)	(mm)	(mm)	(Kg)	(kg)	(mm)	(kg)	(mm)	
25	12.5	25	76.2	304.8	4.0	381.0	5.0	P1 -25-25
		30	69.8	335.0	4.8	418.8	6.0	P1 -25-30
		35	59.6	333.8	5.6	417.2	7.0	P1 -25-35
		40	47.7	305.3	6.4	381.6	8.0	P1 -25-40
		50	39.5	316.0	8.0	395.0	10.0	P1 -25-50
		55	34.5	303.8	8.8	379.7	11.0	P1 -25-55
		60	30.1	288.5	9.6	360.6	12.0	P1 -25-60
		65	28.1	291.7	10.4	364.7	13.0	P1 -25-65
		70	24.6	275.5	11.2	344.4	14.0	P1 -25-70
		75	22.6	271.7	12.0	339.6	15.0	P1 -25-75
		80	22.0	281.2	12.8	351.5	16.0	P1 -25-80
		90	18.4	265.0	14.4	331.2	18.0	P1 -25-90
		100	16.7	267.2	16.0	334.0	20.0	P1 -25-100
		110	15.1	265.8	17.6	332.2	22.0	P1 -25-110
		125	13.1	262.0	20.0	327.5	25.0	P1 -25-125
		140	11.9	266.6	22.4	333.2	28.0	P1 -25-140
		150	9.9	237.6	24.0	297.0	30.0	P1 -25-150
		175	9.5	266.0	28.0	332.5	35.0	P1 -25-175
		200	8.1	257.9	32.0	322.4	40.0	P1 -25-200

P1-20				Max Life		Avg Life		Code
Do	DI	Lo	Load Rate	Pm	Lm	Pa	La	
(mm)	(mm)	(mm)	(Kg)	(kg)	(mm)	(kg)	(mm)	
20	10	25	54.8	219.0	4.0	273.8	5.0	P1-20-25
		30	43.7	209.6	4.8	262.0	6.0	P1-20-30
		35	42.0	234.9	5.6	293.7	7.0	P1-20-35
		40	27.6	176.6	6.4	220.8	8.0	P1-20-40
		50	24.6	196.5	8.0	245.6	10.0	P1-20-50
		55	20.8	183.3	8.8	229.1	11.0	P1-20-55
		60	18.9	181.7	9.6	227.2	12.0	P1-20-60
		65	17.6	183.0	10.4	228.8	13.0	P1-20-65
		70	16.7	187.0	11.2	233.8	14.0	P1-20-70
		75	14.6	175.2	12.0	219.0	15.0	P1-20-75
		80	14.7	188.2	12.8	235.2	16.0	P1-20-80
		90	12.6	181.4	14.4	226.8	18.0	P1-20-90
		100	11.4	182.4	16.0	228.0	20.0	P1-20-100
		110	10.1	177.9	17.6	222.4	22.0	P1-20-110
		125	8.8	176.8	20.0	221.0	25.0	P1-20-125
		140	7.6	170.2	22.4	212.8	28.0	P1-20-140
		150	7.1	170.9	24.0	213.6	30.0	P1-20-150

P1-32				Max Life		Avg Life		CODE
Do	Di	Lo	Load Rate	Pm	Lm	Pa	La	
(mm)	(mm)	(mm)	(Kg)	(kg)	(mm)	(kg)	(mm)	
32	15	40	96.2	615.9	6.4	769.8	8.0	P1 -32-40
		50	73.6	588.8	8.0	736.0	10.0	P1 -32-50
		55	63.8	561.6	8.8	702.0	11.0	P1 -32-55
		60	55.5	532.8	9.6	666.0	12.0	P1 -32-60
		65	53.3	554.1	10.4	692.6	13.0	P1 -32-65
		70	45.5	509.8	11.2	637.3	14.0	P1 -32-70
		75	45.0	540.4	12.0	675.5	15.0	P1 -32-75
		80	40.2	515.1	12.8	643.8	16.0	P1 -32-80
		90	35.7	514.1	14.4	642.6	18.0	P1 -32-90
		100	31.7	507.2	16.0	634.0	20.0	P1 -32-100
		110	27.9	491.0	17.6	613.8	22.0	P1 -32-110
		125	24.2	484.2	20.0	605.3	25.0	P1 -32-132
		140	21.1	473.1	22.4	591.4	28.0	P1 -32-140
		150	19.7	472.8	24.0	591.0	30.0	P1 -32-150
		175	16.7	467.6	28.0	584.5	35.0	P1 -32-175
		200	15.3	490.6	32.0	613.2	40.0	P1 -32-200

Note : Spring beyond standard OD, ID & Length can also be manufactured (Refer Page No. 38-39)