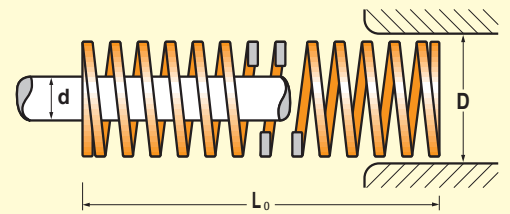


BF

Obciążenie bardzo lekkie

Extra Light Load



Symbol Ctg. No.	D Gniazdo Housing ∅ mm	d Trzpień Rod ∅ mm	L ₀ Długość swobodna Free length mm	R Sztwność Rate N/mm	50%		45%		40%		
					Ugięcie Deflection mm	Obciążenie Load N (kg)	Ugięcie Deflection mm	Obciążenie Load N (kg)	Ugięcie Deflection mm	Obciążenie Load N (kg)	
BF10020	10	5	20	9.8	10.0	98 (10)	9.0	88 (9)	8.0	79 (8)	
BF10025			25	7.8	12.5		11.2		10.0		
BF10030			30	6.6	15.0		13.5		12.0		
BF10035			35	5.6	17.5		15.7		14.0		
BF10040			40	4.9	20.0		18.0		16.0		
BF10045			45	4.3	22.5		20.2		18.0		16.0
BF10050			50	3.9	25.0		22.5		20.0		18.0
BF10055			55	3.5	27.5		24.7		22.0		18.0
BF10060			60	3.2	30.0		27.0		24.0		18.0
BF10065			65	3.0	32.5		29.2		26.0		18.0
BF10070			70	2.8	35.0		31.5		28.0		18.0
BF10075			75	2.6	37.5		33.7		30.0		18.0
BF10080			80	2.5	40.0		40.0		36.0		32.0
BF12020	12	6	20	13.7	10.0	137 (14)	9.0	123 (12.5)	8.0	108 (11)	
BF12025			25	11.0	12.5		11.2		10.0		
BF12030			30	9.1	15.0		13.5		12.0		
BF12035			35	7.8	17.5		15.7		14.0		
BF12040			40	6.9	20.0		18.0		16.0		
BF12045			45	6.1	22.5		20.2		18.0		16.0
BF12050			50	5.5	25.0		22.5		20.0		16.0
BF12055			55	5.0	27.5		24.7		22.0		16.0
BF12060			60	4.6	30.0		27.0		24.0		16.0
BF12065			65	4.2	32.5		29.2		26.0		16.0
BF12070			70	3.9	35.0		31.5		28.0		16.0
BF12075			75	3.6	37.5		33.7		30.0		16.0
BF12080			80	3.4	40.0		40.0		36.0		32.0
BF14025	14	7	25	14.1	12.5	177 (18)	11.2	157 (16)	10.0	142 (14.5)	
BF14030			30	11.8	15.0		13.5		12.0		
BF14035			35	10.1	17.5		15.7		14.0		
BF14040			40	8.8	20.0		18.0		16.0		
BF14045			45	7.8	22.5		20.2		18.0		16.0
BF14050			50	7.1	25.0		22.5		20.0		16.0
BF14055			55	6.4	27.5		24.7		22.0		16.0
BF14060			60	5.9	30.0		27.0		24.0		16.0
BF14065			65	5.4	32.5		29.2		26.0		16.0
BF14070			70	5.0	35.0		31.5		28.0		16.0
BF14075			75	4.7	37.5		33.7		30.0		16.0
BF14080			80	4.4	40.0		40.0		36.0		32.0
BF14090			90	3.9	45.0		45.0		40.5		36.0
BF16025	16	8	25	16.5	12.5	206 (21)	11.2	186 (19)	10.0	167 (17)	
BF16030			30	13.7	15.0		13.5		12.0		
BF16035			35	11.8	17.5		15.7		14.0		
BF16040			40	10.3	20.0		18.0		16.0		
BF16045			45	9.2	22.5		20.2		18.0		16.0
BF16050			50	8.2	25.0		22.5		20.0		16.0
BF16055			55	7.6	27.5		24.7		22.0		16.0
BF16060			60	6.9	30.0		27.0		24.0		16.0
BF16065			65	6.4	32.5		29.2		26.0		16.0
BF16070			70	5.9	35.0		31.5		28.0		16.0
BF16075			75	5.5	37.5		33.7		30.0		16.0
BF16080			80	5.2	40.0		40.0		36.0		32.0
BF16090			90	4.6	45.0		45.0		40.5		36.0
BF16100	100	4.1	50.0	50.0	45.0	40.0					
			Liczba cykli Working cycles		300.000		500.000		1.000.000		



BORDIGNON

Obciążenie bardzo lekkie
Extra Light Load

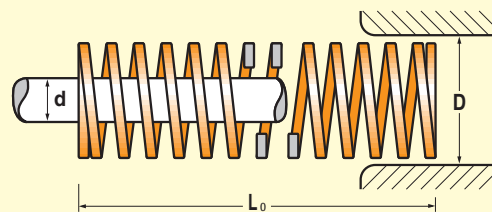
Symbol Ctg. No.	D Gniazdo Housing Ø mm	d Trzpień Rod Ø mm	L ₀ Długość swobodna Free length mm	R Szywność Rate N/mm	50%		45%		40%	
					Ugięcie Deflection mm	Obciążenie Load N (kg)	Ugięcie Deflection mm	Obciążenie Load N (kg)	Ugięcie Deflection mm	Obciążenie Load N (kg)
BF18025			25	20.4	12.5		11.2		10.0	
BF18030			30	17.1	15.0		13.5		12.0	
BF18035			35	14.6	17.5		15.7		14.0	
BF18040			40	12.8	20.0		18.0		16.0	
BF18045			45	11.4	22.5		20.2		18.0	
BF18050			50	10.2	25.0		22.5		20.0	
BF18055	18	9	55	9.3	27.5	255 (26)	24.7	226 (23)	22.0	206 (21)
BF18060			60	8.5	30.0		27.0		24.0	
BF18065			65	7.8	32.5		29.2		26.0	
BF18070			70	7.3	35.0		31.5		28.0	
BF18075			75	6.9	37.5		33.7		30.0	
BF18080			80	6.4	40.0		36.0		32.0	
BF18090			90	5.7	45.0		40.5		36.0	
BF18100			100	5.1	50.0		45.0		40.0	
BF20025			25	25.1	12.5		11.2		10.0	
BF20030			30	20.9	15.0		13.5		12.0	
BF20035			35	18.0	17.5		15.7		14.0	
BF20040			40	15.7	20.0		18.0		16.0	
BF20045			45	13.9	22.5		20.2		18.0	
BF20050			50	12.6	25.0		22.5		20.0	
BF20055			55	11.4	27.5		24.7		22.0	
BF20060	20	11	60	10.5	30.0	314 (32)	27.0	284 (29)	24.0	255 (26)
BF20065			65	9.6	32.5		29.2		26.0	
BF20070			70	8.9	35.0		31.5		28.0	
BF20075			75	8.3	37.5		33.7		30.0	
BF20080			80	7.8	40.0		36.0		32.0	
BF20090			90	7.0	45.0		40.5		36.0	
BF20100			100	6.3	50.0		45.0		40.0	
BF20125			125	5.0	62.5		56.2		50.0	
BF20150			150	4.2	75.0		67.5		60.0	
BF22025			25	31.4	12.5		11.2		10.0	
BF22030			30	26.2	15.0		13.5		12.0	
BF22035			35	22.5	17.5		15.7		14.0	
BF22040			40	19.6	20.0		18.0		16.0	
BF22045			45	17.5	22.5		20.2		18.0	
BF22050			50	15.7	25.0		22.5		20.0	
BF22055			55	14.3	27.5		24.7		22.0	
BF22060	22	11	60	13.0	30.0	392 (40)	27.0	353 (36)	24.0	314 (32)
BF22065			65	12.1	32.5		29.2		26.0	
BF22070			70	11.2	35.0		31.5		28.0	
BF22075			75	10.5	37.5		33.7		30.0	
BF22080			80	9.8	40.0		36.0		32.0	
BF22090			90	8.7	45.0		40.5		36.0	
BF22100			100	7.8	50.0		45.0		40.0	
BF22125			125	6.3	62.5		56.2		50.0	
BF22150			150	5.2	75.0		67.5		60.0	
				Liczba cykli Working cycles		300.000		500.000		1.000.000

1 N = 0.102 kg
1 kg = 9.81 N

BF

Obciążenie bardzo lekkie

Extra Light Load



Symbol Ctg. No.	D Gniazdo Housing ∅ mm	d Trzpień Rod ∅ mm	L ₀ Długość swobodna Free length mm	R Sztwywność Rate N/mm	50%		45%		40%	
					Ugięcie Deflection mm	Obciążenie Load N (kg)	Ugięcie Deflection mm	Obciążenie Load N (kg)	Ugięcie Deflection mm	Obciążenie Load N (kg)
BF25025	25	13.5	25	39.2	12.5	490 (50)	11.2	441 (45)	10.0	392 (40)
BF25030			30	32.7	15.0		13.5		12.0	
BF25035			35	28.0	17.5		15.7		14.0	
BF25040			40	24.5	20.0		18.0		16.0	
BF25045			45	21.8	22.5		20.2		18.0	
BF25050			50	19.6	25.0		22.5		20.0	
BF25055			55	17.9	27.5		24.7		22.0	
BF25060			60	16.4	30.0		27.0		24.0	
BF25065			65	15.1	32.5		29.2		26.0	
BF25070			70	14.0	35.0		31.5		28.0	
BF25075			75	13.0	37.5		33.7		30.0	
BF25080			80	12.3	40.0		36.0		32.0	
BF25090			90	10.9	45.0		40.5		36.0	
BF25100			100	9.8	50.0		45.0		40.0	
BF25125			125	7.8	62.5		56.2		50.0	
BF25150			150	6.6	75.0		67.5		60.0	
BF25175	175	5.6	87.5	78.7	70.0					
BF27025	27	13.5	25	47.1	12.5	588 (60)	11.2	530 (54)	10.0	471 (48)
BF27030			30	39.2	15.0		13.5		12.0	
BF27035			35	33.6	17.5		15.7		14.0	
BF27040			40	29.4	20.0		18.0		16.0	
BF27045			45	26.2	22.5		20.2		18.0	
BF27050			50	23.5	25.0		22.5		20.0	
BF27055			55	21.4	27.5		24.7		22.0	
BF27060			60	19.6	30.0		27.0		24.0	
BF27065			65	18.1	32.5		29.2		26.0	
BF27070			70	16.8	35.0		31.5		28.0	
BF27075			75	15.7	37.5		33.7		30.0	
BF27080			80	14.7	40.0		36.0		32.0	
BF27090			90	13.0	45.0		40.5		36.0	
BF27100			100	11.8	50.0		45.0		40.0	
BF27125			125	9.4	62.5		56.2		50.0	
BF27150			150	7.8	75.0		67.5		60.0	
BF27175	175	6.8	87.5	78.7	70.0					
BF30025	30	16	25	56.9	12.5	706 (72)	11.2	637 (65)	10.0	569 (58)
BF30030			30	47.1	15.0		13.5		12.0	
BF30035			35	40.5	17.5		15.7		14.0	
BF30040			40	35.3	20.0		18.0		16.0	
BF30045			45	31.5	22.5		20.2		18.0	
BF30050			50	28.3	25.0		22.5		20.0	
BF30055			55	25.8	27.5		24.7		22.0	
BF30060			60	23.5	30.0		27.0		24.0	
BF30065			65	21.8	32.5		29.2		26.0	
BF30070			70	20.1	35.0		31.5		28.0	
BF30075			75	18.9	37.5		33.7		30.0	
BF30080			80	17.7	40.0		36.0		32.0	
BF30090			90	15.7	45.0		40.5		36.0	
BF30100			100	14.1	50.0		45.0		40.0	
BF30125			125	11.3	62.5		56.2		50.0	
BF30150			150	9.4	75.0		67.5		60.0	
BF30175	175	8.0	87.5	78.7	70.0					
BF30200	200	7.1	100.0	90.0	80.0					
Liczba cykli Working cycles					300.000	500.000	1.000.000			



Symbol Ctlg. No.	D Gniazdo Housing Ø mm	d Trzpień Rod Ø mm	L ₀ Długość swobodna Free length mm	R Sztynność Rate N/mm	50%		45%		40%	
					Ugięcie Deflection mm	Obciążenie Load N (kg)	Ugięcie Deflection mm	Obciążenie Load N (kg)	Ugięcie Deflection mm	Obciążenie Load N (kg)
BF35040			40	48.1	20.0		18.0		16.0	
BF35045			45	42.8	22.5		20.2		18.0	
BF35050			50	38.5	25.0		22.5		20.0	
BF35055			55	34.9	27.5		24.7		22.0	
BF35060			60	32.0	30.0		27.0		24.0	
BF35065			65	29.6	32.5		29.2		26.0	
BF35070			70	27.5	35.0		31.5		28.0	
BF35075	35	19	75	25.6	37.5	961 (98)	33.7	863 (88)	30.0	765 (78)
BF35080			80	24.0	40.0		36.0		32.0	
BF35090			90	21.3	45.0		40.5		36.0	
BF35100			100	19.2	50.0		45.0		40.0	
BF35125			125	15.4	62.5		56.2		50.0	
BF35150			150	12.8	75.0		67.5		60.0	
BF35175			175	11.0	87.5		78.7		70.0	
BF35200			200	9.6	100.0		90.0		80.0	
BF40040			40	62.6	20.0		18.0		16.0	
BF40050			50	50.2	25.0		22.5		20.0	
BF40060			60	41.8	30.0		27.0		24.0	
BF40070			70	35.8	35.0		31.5		28.0	
BF40080			80	31.4	40.0		36.0		32.0	
BF40090	40	22	90	27.9	45.0	1255 (128)	40.5	1128 (115)	36.0	1000 (102)
BF40100			100	25.1	50.0		45.0		40.0	
BF40125			125	20.0	62.5		56.2		50.0	
BF40150			150	16.7	75.0		67.5		60.0	
BF40175			175	14.3	87.5		78.7		70.0	
BF40200			200	12.6	100.0		90.0		80.0	
BF40250			250	10.0	125.0		112.5		100.0	
BF50050			50	78.5	25.0		22.5		20.0	
BF50060			60	65.3	30.0		27.0		24.0	
BF50070			70	56.0	35.0		31.5		28.0	
BF50080			80	49.1	40.0		36.0		32.0	
BF50090			90	43.6	45.0		40.5		36.0	
BF50100			100	39.2	50.0		45.0		40.0	
BF50125			125	31.4	62.5		56.2		50.0	
BF50150	50	27.5	150	26.1	75.0	1961 (200)	67.5	1765 (180)	60.0	1569 (160)
BF50175			175	22.4	87.5		78.7		70.0	
BF50200			200	19.6	100.0		90.0		80.0	
BF50250			250	15.7	125.0		112.5		100.0	
BF50300			300	13.0	150.0		135.0		120.0	
BF60060			60	94.1	30.0		27.0		24.0	
BF60070			70	80.6	35.0		31.5		28.0	
BF60080			80	70.5	40.0		36.0		32.0	
BF60090			90	62.8	45.0		40.5		36.0	
BF60100			100	56.5	50.0		45.0		40.0	
BF60125			125	45.1	62.5		56.2		50.0	
BF60150			150	37.7	75.0		67.5		60.0	
BF60175	60	33	175	32.3	87.5	2824 (288)	78.7	2540 (259)	70.0	2256 (230)
BF60200			200	28.3	100.0		90.0		80.0	
BF60250			250	22.6	125.0		112.5		100.0	
BF60300			300	18.8	150.0		135.0		120.0	
BF60350			350	16.2	175.0		157.5		140.0	
BF60400			400	14.1	200.0		180.0		160.0	

1 N = 0.102 kg
1 kg = 9.81 N

Liczba cykli
Working cycles

300.000

500.000

1.000.000