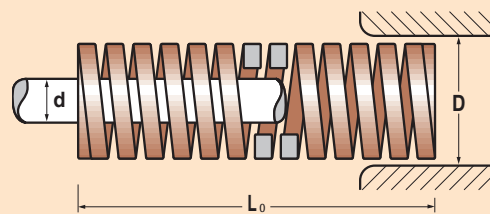


# BB

Obciążenie bardzo duże  
Heavy Load



Symbol Ctg. No.	D Gniazdo Housing Ø mm	d Trzpień Rod Ø mm	L <sub>0</sub> Długość swobodna Free length mm	R Szywność Rate N/mm	20%		18%		16%	
					Ugięcie Deflection mm	Obciążenie Load N (kg)	Ugięcie Deflection mm	Obciążenie Load N (kg)	Ugięcie Deflection mm	Obciążenie Load N (kg)
BB10020			20	110.4	4.0		3.6		3.2	
BB10025			25	88.3	5.0		4.5		4.0	
BB10030			30	73.6	6.0		5.4		4.8	
BB10035			35	63.1	7.0		6.3		5.6	
BB10040			40	55.2	8.0		7.2		6.4	
BB10045			45	49.1	9.0		8.1		7.2	
BB10050	10	5	50	44.1	10.0	441 (45)	9.0	402 (41)	8.0	353 (36)
BB10055			55	40.1	11.0		9.9		8.8	
BB10060			60	36.8	12.0		10.8		9.6	
BB10065			65	34.0	13.0		11.7		10.4	
BB10070			70	31.5	14.0		12.6		11.2	
BB10075			75	29.4	15.0		13.5		12.0	
BB10080			80	27.7	16.0		14.4		12.8	
BB12020			20	142.2	4.0		3.6		3.2	
BB12025			25	113.8	5.0		4.5		4.0	
BB12030			30	94.9	6.0		5.4		4.8	
BB12035			35	81.3	7.0		6.3		5.6	
BB12040			40	71.1	8.0		7.2		6.4	
BB12045			45	63.2	9.0		8.1		7.2	
BB12050	12	6	50	56.9	10.0	569 (58)	9.0	510 (52)	8.0	451 (46)
BB12055			55	51.7	11.0		9.9		8.8	
BB12060			60	47.4	12.0		10.8		9.6	
BB12065			65	43.6	13.0		11.7		10.4	
BB12070			70	40.5	14.0		12.6		11.2	
BB12075			75	37.8	15.0		13.5		12.0	
BB12080			80	35.4	16.0		14.4		12.8	
BB14025			25	147.2	5.0		4.5		4.0	
BB14030			30	122.6	6.0		5.4		4.8	
BB14035			35	105.2	7.0		6.3		5.6	
BB14040			40	92.0	8.0		7.2		6.4	
BB14045			45	81.8	9.0		8.1		7.2	
BB14050			50	73.6	10.0		9.0		8.0	
BB14055	14	7	55	66.9	11.0	736 (75)	9.9	667 (68)	8.8	588 (60)
BB14060			60	61.3	12.0		10.8		9.6	
BB14065			65	56.6	13.0		11.7		10.4	
BB14070			70	52.6	14.0		12.6		11.2	
BB14075			75	49.1	15.0		13.5		12.0	
BB14080			80	46.0	16.0		14.4		12.8	
BB14090			90	40.9	18.0		16.2		14.4	
BB16025			25	196.2	5.0		4.5		4.0	
BB16030			30	163.5	6.0		5.4		4.8	
BB16035			35	140.2	7.0		6.3		5.6	
BB16040			40	122.6	8.0		7.2		6.4	
BB16045			45	109.0	9.0		8.1		7.2	
BB16050			50	98.1	10.0		9.0		8.0	
BB16055	16	8	55	89.2	11.0	981 (100)	9.9	883 (90)	8.8	785 (80)
BB16060			60	81.8	12.0		10.8		9.6	
BB16065			65	75.4	13.0		11.7		10.4	
BB16070			70	70.0	14.0		12.6		11.2	
BB16075			75	65.4	15.0		13.5		12.0	
BB16080			80	61.3	16.0		14.4		12.8	
BB16090			90	54.5	18.0		16.2		14.4	
BB16100			100	49.1	20.0		18.0		16.0	
			Liczba cykli Working cycles			300.000		500.000		1.000.000



Symbol Ctłg. No.	D Gniazdo Housing Ø mm	d Trzpień Rod Ø mm	L <sub>0</sub> Długość swobodna Free length mm	R Szywność Rate N/mm	20%		18%		16%						
					Ugięcie Deflection mm	Obciążenie Load N (kg)	Ugięcie Deflection mm	Obciążenie Load N (kg)	Ugięcie Deflection mm	Obciążenie Load N (kg)					
BB18025	18	9	25	245.3	5.0	1226 (125)	4.5	1108 (113)	4.0	981 (100)					
BB18030			30	204.4	6.0		5.4		4.8						
BB18035			35	175.2	7.0		6.3		5.6						
BB18040			40	153.3	8.0		7.2		6.4						
BB18045			45	136.3	9.0		8.1		7.2						
BB18050			50	122.6	10.0		9.0		8.0						
BB18055			55	111.5	11.0		9.9		8.8						
BB18060			60	102.2	12.0		10.8		9.6						
BB18065			65	94.4	13.0		11.7		10.4						
BB18070			70	87.6	14.0		12.6		11.2						
BB18075			75	81.8	15.0		13.5		12.0						
BB18080			80	76.7	16.0		14.4		12.8						
BB18090			90	68.2	18.0		16.2		14.4						
BB18100			100	61.4	20.0		18.0		16.0						
BB20025			20	10	25		313.9		5.0		1569 (160)	4.5	1412 (144)	4.0	1255 (128)
BB20030					30		261.6		6.0			5.4		4.8	
BB20035	35	224.3			7.0	6.3	5.6								
BB20040	40	196.2			8.0	7.2	6.4								
BB20045	45	174.4			9.0	8.1	7.2								
BB20050	50	157.0			10.0	9.0	8.0								
BB20055	55	142.7			11.0	9.9	8.8								
BB20060	60	130.8			12.0	10.8	9.6								
BB20065	65	120.8			13.0	11.7	10.4								
BB20070	70	112.1			14.0	12.6	11.2								
BB20075	75	104.7			15.0	13.5	12.0								
BB20080	80	98.1			16.0	14.4	12.8								
BB20090	90	87.2			18.0	16.2	14.4								
BB20100	100	78.5			20.0	18.0	16.0								
BB20125	125	62.8			25.0	22.5	20.0								
BB20150	150	52.3			30.0	27.0	24.0								
BB22025	22	11	25	382.6	5.0	1912 (195)	4.5	1726 (176)	4.0	1530 (156)					
BB22030			30	318.8	6.0		5.4		4.8						
BB22035			35	273.3	7.0		6.3		5.6						
BB22040			40	239.2	8.0		7.2		6.4						
BB22045			45	212.6	9.0		8.1		7.2						
BB22050			50	191.3	10.0		9.0		8.0						
BB22055			55	173.9	11.0		9.9		8.8						
BB22060			60	159.4	12.0		10.8		9.6						
BB22065			65	147.2	13.0		11.7		10.4						
BB22070			70	136.7	14.0		12.6		11.2						
BB22075			75	127.5	15.0		13.5		12.0						
BB22080			80	119.6	16.0		14.4		12.8						
BB22090			90	106.2	18.0		16.2		14.4						
BB22100			100	95.6	20.0		18.0		16.0						
BB22125			125	76.5	25.0		22.5		20.0						
BB22150			150	63.8	30.0		27.0		24.0						

Liczba cykli  
Working cycles

300.000

500.000

1.000.000

1 N = 0.102 kg  
1 kg = 9.81 N

Obciążenie bardzo duże  
Extra Heavy Load

BB

Obciążenie bardzo duże  
Heavy Load



Symbol Ctg. No.	D Gniazdo Housing Ø mm	d Trzpień Rod Ø mm	L <sub>0</sub> Długość swobodna Free length mm	R Szywność Rate N/mm	20%		18%		16%	
					Ugięcie Deflection mm	Obciążenie Load N (kg)	Ugięcie Deflection mm	Obciążenie Load N (kg)	Ugięcie Deflection mm	Obciążenie Load N (kg)
BB25025			25	480.7	5.0		4.5		4.0	
BB25030			30	400.2	6.0		5.4		4.8	
BB25035			35	343.4	7.0		6.3		5.6	
BB25040			40	300.2	8.0		7.2		6.4	
BB25045			45	266.8	9.0		8.1		7.2	
BB25050			50	240.3	10.0		9.0		8.0	
BB25055			55	218.8	11.0		9.9		8.8	
BB25060	25	12.5	60	200.1	12.0	2402 (245)	10.8	2167 (221)	9.6	1922 (196)
BB25065			65	184.4	13.0		11.7		10.4	
BB25070			70	171.7	14.0		12.6		11.2	
BB25075			75	159.9	15.0		13.5		12.0	
BB25080			80	150.1	16.0		14.4		12.8	
BB25090			90	133.4	18.0		16.2		14.4	
BB25100			100	120.7	20.0		18.0		16.0	
BB25125			125	96.1	25.0		22.5		20.0	
BB25150			150	80.1	30.0		27.0		24.0	
BB25175			175	68.7	35.0		31.5		28.0	
BB27025			25	569.0	5.0		4.5		4.0	
BB27030			30	474.1	6.0		5.4		4.8	
BB27035			35	406.4	7.0		6.3		5.6	
BB27040			40	355.6	8.0		7.2		6.4	
BB27045			45	316.1	9.0		8.1		7.2	
BB27050			50	284.5	10.0		9.0		8.0	
BB27055			55	258.6	11.0		9.9		8.8	
BB27060	27	13.5	60	237.1	12.0	2844 (290)	10.8	2560 (261)	9.6	2275 (232)
BB27065			65	218.9	13.0		11.7		10.4	
BB27070			70	203.2	14.0		12.6		11.2	
BB27075			75	189.6	15.0		13.5		12.0	
BB27080			80	177.9	16.0		14.4		12.8	
BB27090			90	158.0	18.0		16.2		14.4	
BB27100			100	142.2	20.0		18.0		16.0	
BB27125			125	113.8	25.0		22.5		20.0	
BB27150			150	94.9	30.0		27.0		24.0	
BB27175			175	81.2	35.0		31.5		28.0	
BB30025			25	706.3	5.0		4.5		4.0	
BB30030			30	588.6	6.0		5.4		4.8	
BB30035			35	504.5	7.0		6.3		5.6	
BB30040			40	441.5	8.0		7.2		6.4	
BB30045			45	392.4	9.0		8.1		7.2	
BB30050			50	353.2	10.0		9.0		8.0	
BB30055			55	321.0	11.0		9.9		8.8	
BB30060			60	294.3	12.0		10.8		9.6	
BB30065	30	15	65	271.6	13.0	3530 (360)	11.7	3177 (324)	10.4	2824 (288)
BB30070			70	252.2	14.0		12.6		11.2	
BB30075			75	235.4	15.0		13.5		12.0	
BB30080			80	220.7	16.0		14.4		12.8	
BB30090			90	196.2	18.0		16.2		14.4	
BB30100			100	176.6	20.0		18.0		16.0	
BB30125			125	141.3	25.0		22.5		20.0	
BB30150			150	117.7	30.0		27.0		24.0	
BB30175			175	100.8	35.0		31.5		28.0	
BB30200			200	88.3	40.0		36.0		32.0	
						300.000		500.000		1.000.000
				Liczba cykli Working cycles						



Symbol Ctg. No.	D Gniazdo Housing Ø mm	d Trzpień Rod Ø mm	L <sub>0</sub> Długość swobodna Free length mm	R Sztywność Rate N/mm	20%		18%		16%	
					Ugięcie Deflection mm	Obciążenie Load N (kg)	Ugięcie Deflection mm	Obciążenie Load N (kg)	Ugięcie Deflection mm	Obciążenie Load N (kg)
BB35040			40	600.9	8.0		7.2		6.4	
BB35045			45	534.1	9.0		8.1		7.2	
BB35050			50	480.7	10.0		9.0		8.0	
BB35055			55	436.9	11.0		9.9		8.8	
BB35060			60	400.5	12.0		10.8		9.6	
BB35065			65	369.7	13.0		11.7		10.4	
BB35070			70	343.4	14.0		12.6		11.2	
BB35075	35	17.5	75	320.5	15.0	4805 (490)	13.5	4324 (441)	12.0	3844 (392)
BB35080			80	300.4	16.0		14.4		12.8	
BB35090			90	267.0	18.0		16.2		14.4	
BB35100			100	240.3	20.0		18.0		16.0	
BB35125			125	192.3	25.0		22.5		20.0	
BB35150			150	160.2	30.0		27.0		24.0	
BB35175			175	137.3	35.0		31.5		28.0	
BB35200			200	120.2	40.0		36.0		32.0	
BB40040			40	784.8	8.0		7.2		6.4	
BB40050			50	627.8	10.0		9.0		8.0	
BB40060			60	523.2	12.0		10.8		9.6	
BB40070			70	448.4	14.0		12.6		11.2	
BB40080			80	392.4	16.0		14.4		12.8	
BB40090	40	20	90	348.7	18.0	6276 (640)	16.2	5649 (576)	14.4	5021 (512)
BB40100			100	313.9	20.0		18.0		16.0	
BB40125			125	251.1	25.0		22.5		20.0	
BB40150			150	209.2	30.0		27.0		24.0	
BB40175			175	179.3	35.0		31.5		28.0	
BB40200			200	157.0	40.0		36.0		32.0	
BB40250			250	125.6	50.0		45.0		40.0	
BB50050			50	981.0	10.0		9.0		8.0	
BB50060			60	817.5	12.0		10.8		9.6	
BB50070			70	700.6	14.0		12.6		11.2	
BB50080			80	613.1	16.0		14.4		12.8	
BB50090			90	544.9	18.0		16.2		14.4	
BB50100	50	25	100	490.5	20.0	9807 (1000)	18.0	8826 (900)	16.0	7845 (800)
BB50125			125	392.4	25.0		22.5		20.0	
BB50150			150	327.0	30.0		27.0		24.0	
BB50175			175	280.3	35.0		31.5		28.0	
BB50200			200	245.3	40.0		36.0		32.0	
BB50250			250	196.2	50.0		45.0		40.0	
BB50300			300	163.4	60.0		54.0		48.0	
BB60060			60	1,177.2	12.0		10.8		9.6	
BB60070			70	1,009.1	14.0		12.6		11.2	
BB60080			80	882.9	16.0		14.4		12.8	
BB60090			90	784.8	18.0		16.2		14.4	
BB60100			100	706.3	20.0		18.0		16.0	
BB60125	60	30	125	565.1	25.0	14122 (1440)	22.5	12709 (1296)	20.0	11297 (1152)
BB60150			150	470.9	30.0		27.0		24.0	
BB60175			175	403.6	35.0		31.5		28.0	
BB60200			200	353.2	40.0		36.0		32.0	
BB60250			250	282.5	50.0		45.0		40.0	
BB60300			300	235.4	60.0		54.0		48.0	
			Liczba cykli Working cycles			300.000		500.000		1.000.000

1 N = 0.102 kg  
1 kg = 9.81 N

Obciążenie bardzo duże  
Extra Heavy Load