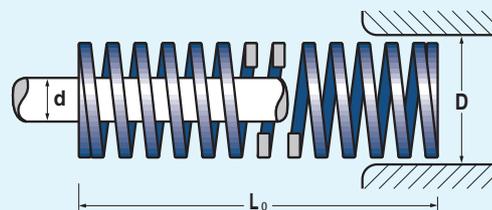


BL

# Obciążenie lekkie

## Light 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	40%		36%		32%	
					Ugięcie Deflection mm	Obciążenie Load N (kg)	Ugięcie Deflection mm	Obciążenie Load N (kg)	Ugięcie Deflection mm	Obciążenie Load N (kg)
BL10020	10	5	20	17.8	8.0	142 (14.5)	7.2	128 (13)	6.4	113 (11.5)
BL10025			25	14.2	10.0		9.0		8.0	
BL10030			30	11.9	12.0		10.8		9.6	
BL10035			35	10.1	14.0		12.6		11.2	
BL10040			40	8.8	16.0		14.4		12.8	
BL10045			45	7.8	18.0		16.2		14.4	
BL10050			50	7.2	20.0		18.0		16.0	
BL10055			55	6.5	22.0		19.8		17.6	
BL10060			60	5.9	24.0		21.6		19.2	
BL10065			65	5.4	26.0		23.4		20.8	
BL10070			70	5.0	28.0		25.2		22.4	
BL10075			75	4.7	30.0		27.0		24.0	
BL10080			80	4.4	32.0		28.8		25.6	
BL12020	12	6	20	25.8	8.0	206 (21)	7.2	186 (19)	6.4	167 (17)
BL12025			25	20.6	10.0		9.0		8.0	
BL12030			30	17.2	12.0		10.8		9.6	
BL12035			35	14.7	14.0		12.6		11.2	
BL12040			40	12.9	16.0		14.4		12.8	
BL12045			45	11.5	18.0		16.2		14.4	
BL12050			50	10.3	20.0		18.0		16.0	
BL12055			55	9.4	22.0		19.8		17.6	
BL12060			60	8.6	24.0		21.6		19.2	
BL12065			65	7.9	26.0		23.4		20.8	
BL12070			70	7.4	28.0		25.2		22.4	
BL12075			75	6.9	30.0		27.0		24.0	
BL12080			80	6.5	32.0		28.8		25.6	
BL14025	14	7	25	27.5	10.0	275 (28)	9.0	245 (25)	8.0	216 (22)
BL14030			30	23.0	12.0		10.8		9.6	
BL14035			35	19.6	14.0		12.6		11.2	
BL14040			40	17.2	16.0		14.4		12.8	
BL14045			45	15.3	18.0		16.2		14.4	
BL14050			50	13.7	20.0		18.0		16.0	
BL14055			55	12.5	22.0		19.8		17.6	
BL14060			60	11.5	24.0		21.6		19.2	
BL14065			65	10.6	26.0		23.4		20.8	
BL14070			70	9.8	28.0		25.2		22.4	
BL14075			75	9.1	30.0		27.0		24.0	
BL14080			80	8.5	32.0		28.8		25.6	
BL14090			90	7.6	36.0		32.4		28.8	
BL16025	16	8	25	34.3	10.0	343 (35)	9.0	314 (32)	8.0	275 (28)
BL16030			30	28.6	12.0		10.8		9.6	
BL16035			35	24.5	14.0		12.6		11.2	
BL16040			40	21.5	16.0		14.4		12.8	
BL16045			45	19.1	18.0		16.2		14.4	
BL16050			50	17.2	20.0		18.0		16.0	
BL16055			55	15.7	22.0		19.8		17.6	
BL16060			60	14.3	24.0		21.6		19.2	
BL16065			65	13.2	26.0		23.4		20.8	
BL16070			70	12.3	28.0		25.2		22.4	
BL16075			75	11.5	30.0		27.0		24.0	
BL16080			80	10.8	32.0		28.8		25.6	
BL16090			90	9.6	36.0		32.4		28.8	
BL16100	100	8.6	40.0	36.0	32.0					
Liczba cykli Working cycles					300.000	500.000	1.000.000			

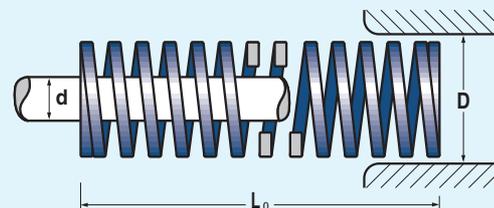


Symbol Ctg. No.	D Gniazdo Housing Ø mm	d Trzpień Rod Ø mm	L <sub>0</sub> Długość swobodna Free length mm	R Szywność Rate N/mm	40%		36%		32%	
					Ugięcie Deflection mm	Obciążenie Load N (kg)	Ugięcie Deflection mm	Obciążenie Load N (kg)	Ugięcie Deflection mm	Obciążenie Load N (kg)
BL18025	18	9	25	42.2	10.0	422 (43)	9.0	282 (39)	8.0	333 (34)
BL18030			30	35.1	12.0		10.8		9.6	
BL18035			35	30.1	14.0		12.6		11.2	
BL18040			40	26.4	16.0		14.4		12.8	
BL18045			45	23.4	18.0		16.2		14.4	
BL18050			50	21.1	20.0		18.0		16.0	
BL18055			55	19.2	22.0		19.8		17.6	
BL18060			60	17.6	24.0		21.6		19.2	
BL18065			65	16.3	26.0		23.4		20.8	
BL18070			70	15.1	28.0		25.2		22.4	
BL18075			75	14.1	30.0		27.0		24.0	
BL18080			80	13.2	32.0		28.8		25.6	
BL18090			90	11.8	36.0		32.4		28.8	
BL18100			100	10.5	40.0		36.0		32.0	
BL20025	20	10	25	53.0	10.0	530 (54)	9.0	481 (49)	8.0	422 (43)
BL20030			30	44.1	12.0		10.8		9.6	
BL20035			35	37.9	14.0		12.6		11.2	
BL20040			40	33.2	16.0		14.4		12.8	
BL20045			45	29.4	18.0		16.2		14.4	
BL20050			50	26.5	20.0		18.0		16.0	
BL20055			55	24.0	22.0		19.8		17.6	
BL20060			60	22.1	24.0		21.6		19.2	
BL20065			65	20.4	26.0		23.4		20.8	
BL20070			70	18.9	28.0		25.2		22.4	
BL20075			75	17.7	30.0		27.0		24.0	
BL20080			80	16.6	32.0		28.8		25.6	
BL20090			90	14.7	36.0		32.4		28.8	
BL20100			100	13.2	40.0		36.0		32.0	
BL20125	125	10.6	50.0	45.0	40.0					
BL20150	150	8.8	60.0	54.0	48.0					
BL22025	22	11	25	65.7	10.0	657 (67)	9.0	588 (60)	8.0	530 (54)
BL22030			30	54.9	12.0		10.8		9.6	
BL22035			35	47.1	14.0		12.6		11.2	
BL22040			40	41.2	16.0		14.4		12.8	
BL22045			45	36.5	18.0		16.2		14.4	
BL22050			50	32.9	20.0		18.0		16.0	
BL22055			55	29.9	22.0		19.8		17.6	
BL22060			60	27.5	24.0		21.6		19.2	
BL22065			65	25.3	26.0		23.4		20.8	
BL22070			70	23.5	28.0		25.2		22.4	
BL22075			75	21.9	30.0		27.0		24.0	
BL22080			80	20.6	32.0		28.8		25.6	
BL22090			90	18.2	36.0		32.4		28.8	
BL22100			100	16.5	40.0		36.0		32.0	
BL22125	125	13.1	50.0	45.0	40.0					
BL22150	150	11.0	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

BL

Obciążenie lekkie  
Light Load



Symbol Ctg. No.	D Gniazdo Housing ∅ mm	d Trzpień Rod ∅ mm	L <sub>0</sub> Długość swobodna Free length mm	R Szywność Rate N/mm	40%		36%		32%	
					Ugięcie Deflection mm	Obciążenie Load N (kg)	Ugięcie Deflection mm	Obciążenie Load N (kg)	Ugięcie Deflection mm	Obciążenie Load N (kg)
BL25025			25	82.4	10.0		9.0		8.0	
BL25030			30	68.7	12.0		10.8		9.6	
BL25035			35	58.9	14.0		12.6		11.2	
BL25040			40	51.5	16.0		14.4		12.8	
BL25045			45	45.8	18.0		16.2		14.4	
BL25050			50	41.2	20.0		18.0		16.0	
BL25055			55	37.5	22.0		19.8		17.6	
BL25060			60	34.3	24.0		21.6		19.2	
BL25065	25	13	65	31.7	26.0	824 (84)	23.4	745 (76)	20.8	657 (67)
BL25070			70	29.4	28.0		25.2		22.4	
BL25075			75	27.5	30.0		27.0		24.0	
BL25080			80	25.8	32.0		28.8		25.6	
BL25090			90	22.9	36.0		32.4		28.8	
BL25100			100	20.6	40.0		36.0		32.0	
BL25125			125	16.5	50.0		45.0		40.0	
BL25150			150	13.7	60.0		54.0		48.0	
BL25175			175	11.8	70.0		63.0		56.0	
BL27025			25	98.1	10.0		9.0		8.0	
BL27030			30	81.7	12.0		10.8		9.6	
BL27035			35	70.0	14.0		12.6		11.2	
BL27040			40	61.3	16.0		14.4		12.8	
BL27045			45	54.5	18.0		16.2		14.4	
BL27050			50	49.1	20.0		18.0		16.0	
BL27055			55	44.6	22.0		19.8		17.6	
BL27060			60	40.9	24.0		21.6		19.2	
BL27065	27	13.5	65	37.8	26.0	981 (100)	23.4	883 (90)	20.8	785 (80)
BL27070			70	35.0	28.0		25.2		22.4	
BL27075			75	32.7	30.0		27.0		24.0	
BL27080			80	30.7	32.0		28.8		25.6	
BL27090			90	27.3	36.0		32.4		28.8	
BL27100			100	24.5	40.0		36.0		32.0	
BL27125			125	19.6	50.0		45.0		40.0	
BL27150			150	16.4	60.0		54.0		48.0	
BL27175			175	14.0	70.0		63.0		56.0	
BL30025			25	118.8	10.0		9.0		8.0	
BL30030			30	98.9	12.0		10.8		9.6	
BL30035			35	84.9	14.0		12.6		11.2	
BL30040			40	74.2	16.0		14.4		12.8	
BL30045			45	66.0	18.0		16.2		14.4	
BL30050			50	59.4	20.0		18.0		16.0	
BL30055			55	54.0	22.0		19.8		17.6	
BL30060			60	49.4	24.0		21.6		19.2	
BL30065	30	15	65	45.6	26.0	1187 (121)	23.4	1069 (109)	20.8	951 (97)
BL30070			70	42.4	28.0		25.2		22.4	
BL30075			75	39.5	30.0		27.0		24.0	
BL30080			80	37.1	32.0		28.8		25.6	
BL30090			90	33.0	36.0		32.4		28.8	
BL30100			100	29.6	40.0		36.0		32.0	
BL30125			125	23.7	50.0		45.0		40.0	
BL30150			150	19.7	60.0		54.0		48.0	
BL30175			175	16.9	70.0		63.0		56.0	
BL30200			200	14.8	80.0		72.0		64.0	
						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 Sztwność Rate N/mm	40%		36%		32%	
					Ugięcie Deflection mm	Obciążenie Load N (kg)	Ugięcie Deflection mm	Obciążenie Load N (kg)	Ugięcie Deflection mm	Obciążenie Load N (kg)
BL35040			40	101.1	16.0		14.4		12.8	
BL35045			45	90.0	18.0		16.2		14.4	
BL35050			50	80.9	20.0		18.0		16.0	
BL35055			55	73.6	22.0		19.8		17.6	
BL35060			60	67.4	24.0		21.6		19.2	
BL35065			65	62.3	26.0		23.4		20.8	
BL35070			70	57.8	28.0		25.2		22.4	
BL35075	35	17.5	75	54.0	30.0	1618 (165)	27.0	1461 (149)	24.0	1295 (132)
BL35080			80	50.5	32.0		28.8		25.6	
BL35090			90	44.9	36.0		32.4		28.8	
BL35100			100	40.4	40.0		36.0		32.0	
BL35125			125	32.4	50.0		45.0		40.0	
BL35150			150	27.0	60.0		54.0		48.0	
BL35175			175	23.1	70.0		63.0		56.0	
BL35200			200	20.2	80.0		72.0		64.0	
BL40040			40	132.4	16.0		14.4		12.8	
BL40050			50	105.9	20.0		18.0		16.0	
BL40060			60	88.3	24.0		21.6		19.2	
BL40070			70	75.6	28.0		25.2		22.4	
BL40080			80	66.2	32.0		28.8		25.6	
BL40090	40	20	90	58.9	36.0	2118 (216)	32.4	1902 (194)	28.8	1697 (173)
BL40100			100	53.0	40.0		36.0		32.0	
BL40125			125	42.4	50.0		45.0		40.0	
BL40150			150	35.3	60.0		54.0		48.0	
BL40175			175	30.2	70.0		63.0		56.0	
BL40200			200	26.5	80.0		72.0		64.0	
BL40250			250	21.2	100.0		90.0		80.0	
BL50050			50	165.7	20.0		18.0		16.0	
BL50060			60	138.1	24.0		21.6		19.2	
BL50070			70	118.4	28.0		25.2		22.4	
BL50080			80	103.6	32.0		28.8		25.6	
BL50090			90	92.0	36.0		32.4		28.8	
BL50100			100	82.9	40.0		36.0		32.0	
BL50125			125	66.3	50.0		45.0		40.0	
BL50150	50	25	150	55.2	60.0	3315 (338)	54.0	2981 (304)	48.0	2648 (270)
BL50175			175	47.3	70.0		63.0		56.0	
BL50200			200	41.4	80.0		72.0		64.0	
BL50250			250	33.2	100.0		90.0		80.0	
BL50300			300	27.6	120.0		108.0		96.0	
BL60060			60	198.7	24.0		21.6		19.2	
BL60070			70	170.2	28.0		25.2		22.4	
BL60080			80	148.9	32.0		28.8		25.6	
BL60090			90	132.4	36.0		32.4		28.8	
BL60100			100	119.2	40.0		36.0		32.0	
BL60125			125	95.4	50.0		45.0		40.0	
BL60150	60	30	150	79.5	60.0	4766 (486)	54.0	4286 (437)	48.0	3815 (389)
BL60175			175	68.1	70.0		63.0		56.0	
BL60200			200	59.5	80.0		72.0		64.0	
BL60250			250	47.7	100.0		90.0		80.0	
BL60300			300	39.7	120.0		108.0		96.0	
			Liczba cykli Working cycles		300.000		500.000		1.000.000	

1 N = 0.102 kg  
1 kg = 9.81 N