

STANDARDNE POLYURETANOVE KRUZKY PRUZYNYCH SPOJOK



**Polyuretan
92° Shore A**

- Zlte
- Vseobecne pouzitie



**Polyuretan
95/98° Shore A**

- Cervene
- Vseobecne pouzitie pri zvisenom zatazeni



**Polyuretan
64° Shore D-F**

- Zelene
- Zvisenenamahanie pri znizenom uhle

VELKOST Z	MAX. OTACKY n [1/min] V=		ROZMERY [mm]						KRUTIACI MOMENT [Nm]								
	30 m/s	40 m/s	TKN ΦKN			TK max ΦK max			MENOVITY	TKN	MAXIMALNY TK max			ALTERNAT. TKw			
			6.4°	6.4°	4.5°	10°	10°	7.0°			7.5	12.5	16	15	25	32	2
14	19000	-	3.2°	3.2°	2.5°	5°	5°	3.6°	7.5	12.5	16	15	25	32	2	3.3	4.2
19	14000	19000							10	17	21	20	34	42	2.6	4.4	5.5
24	10600	14000							35	60	75	70	120	150	9.1	16	19.5
28	8500	11800							95	160	200	190	320	400	25	42	52
38	7100	9500							190	325	405	380	650	810	49	85	105
42	6000	8000							265	450	560	530	900	1120	69	117	146
48	5600	7100							310	525	655	620	1050	1310	81	137	170
55	4750	6300							410	685	825	820	1370	1650	107	178	215
65	4250	5600							625	940	1175	1250	1880	2350	163	244	306
75	3550	4750							1280	1920	2400	2560	3840	4800	333	499	624
90	2800	3750	2400	3600	4500	4800	7200	9000	624	936	1170						
100	2500	3350	3300	4950	6185	6600	9900	12370	858	1287	1608						
110	2240	3000	4800	7200	9000	9600	14400	18000	1248	1872	2340						
125	2000	2650	6650	10000	12500	13300	20000	25000	1729	2600	3250						
140	1800	2360	8550	12800	16000	17100	25600	32000	2223	3328	4160						



Pre obvodove rychlosti vyssie ako 30m/s je potreba dynamickeho vyvazenia

Material	Polyuretan	Polyuretan	Polyuretan
Tvrdest kruzku	92 Shore A	95/98 Shore A	64 Shore D - F
Farba kruzku	Zlta	Cervena	Zelena
Pracovne teploty	-40 °C az +90 °C	-30 °C az +100 °C	-20 °C az +100 °C
Kratkodobe teplotne spicky	-50 °C az +120 °C	-40 °C az +120 °C	-30 °C az +120 °C
Tlmenie	Dobre	Stredne	Nizke
Elasticita	Stredne	Tvrde	Velmi tvrde
Abrazivna odolnost	Velmi dobre	Dobre	Dobre
Trvanlivost	Velmi dobre	Velmi dobre	Velmi dobre
Typicke pouzitie	Vseobecne pouzitie	Vseobecne pouzitie so zvisenym zatazenim	Vysoke zatazenie s nizkym uhлом naklonu

Kruzok z polyuretanu	92 Shore A	95/98 Shore A	64 Shore D - F
Relativne tlmenie Ψ [-]	0,80	0,80	0,75
Rezonancny faktor VR [-]	7,90	7,90	8,50

BEZVOLOVE POLYURETANOVE KRUZKY PRUZYNYCH SPOJOK - NBL



Polyurethan 92° Shore A NBL

- Zlte
- Prevadzкова teplota -40 az +90 °C
- Max. teplota kratkodobo -50 az +120 °C
- Pre pohony elektrickyh meracich a regul. systemov

Polyurethan 98° Shore A NBL

- Cervene
- Prevadzková teplota -30 az +90 °C
- Max. teplota kratkodobo -40 az +120 °C
- Presnepolohovaciepristroje
- Vhodne pre vysoke namahanie

Polyurethan 64° Shore D NBL

- Zelene
- Prevadzková teplota -20 az +110 °C
- Max. teplota kratkodobo -30 az +120 °C
- Najvyšši výkon no pri zmensenyh kompenz. odchylkach

TECHNICKE UDAJE

VELKOST	TVRDOST	KRUTIACI MOMENT		Max. RPM		STATICKA TORZNA TUHOST	DYN. TORZNA TUHOST	RADIALNA TUHOST	HMOTNOST		MOMENT ZOTRVACNOSTI	
		[Nm]	[Nm]	n [1/min]	n [1/min]				[kg]	[kgm ²]		
NBL		MENOVITY T _{KN}	MAXIMALNY T _{K max}	STANDARD	KL/KLD	[Nm/rad] pri 0.50 T _{KN}	[Nm/rad] pri 0.50 T _{KN}	[Nm/mm]	NABOJ (x 10 ⁻³)	KRUZOK (x 10 ⁻³)	NABOJ (x 10 ⁻⁶)	KRUZOK (x 10 ⁻⁶)
9	92° Shore A	3.0	6.0	19000	23800	31.5	95	262	8	1.7	0.480	0.085
	98° Shore A	5.0	10.0			51.6	155	518				
14	92° Shore A	7.5	15.0	12700	15900	114.6	344	336	20	4.6	2.800	0.457
	98° Shore A	12.5	25.0			171.9	513	654				
19	92° Shore A	10.0	20.0	9550	11900	573.0	1720	1120	66	7.0	20.400	1.490
	98° Shore A	17.0	34.0			859.5	2580	2010				
24	92° Shore A	35.0	70.0	6950	8850	1432.0	4296	1480	132	18.0	50.800	7.500
	98° Shore A	60.0	120.0			2063.0	6189	2560				
	64° Shore D	75.0	150.0			2978.0	8934	3696				
28	92° Shore A	95.0	190.0	5850	7350	2292.0	6876	1780	253	29.0	200.300	16.500
	98° Shore A	160.0	320.0			3438.0	10314	3200				
	64° Shore D	200.0	400.0			4350.0	13050	4348				
38	92° Shore A	190.0	380.0	4750	5950	4584.0	13752	2350	455	49.0	400.600	44.600
	98° Shore A	325.0	650.0			7160.0	21486	4400				
	64° Shore D	405.0	810.0			10540.0	31620	6474				
42	92° Shore A	265.0	530.0	4000	5000	6300.0	14490	2430	1850	79.0	2.246.000	100.000
	98° Shore A	450.0	900.0			19200.0	48000	5570				
	64° Shore D	560.0	1120.0			27580.0	68950	7270				
48	92° Shore A	310.0	620.0	3600	4550	7850.0	18055	2580	2520	98.0	3.786.000	200.000
	98° Shore A	525.0	1050.0			22370.0	55925	5930				
	64° Shore D	655.0	1310.0			36200.0	90500	8274				
55	92° Shore A	410.0	820.0	3150	3950	9500.0	21850	2980	3800	115.0	7.496.000	300.000
	98° Shore A	685.0	1370.0			23800.0	59500	6686				
	64° Shore D	825.0	1650.0			41460.0	103650	9248				