

SUPPLY SERVICES LTD

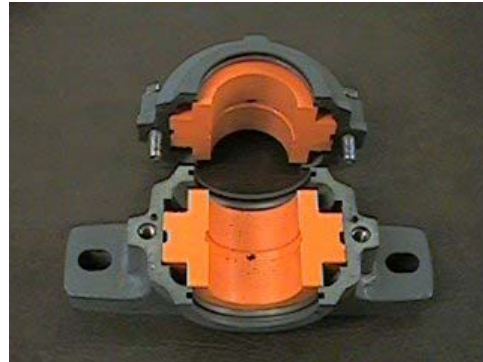
CHAINS - SPROCKETS - PLASTICS - POWER TRANSMISSION

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Polyurethane Split SN Bearing Inserts



SN Housing Vs Bearing Shaft Size							
511		513		515		517	
40mm	1 1/2"	50mm	1 3/4"	65mm	2 1/2"	75mm	2 15/16"
45mm	1 15/16"	60mm	2"		2 7/16"		3"
50mm	2"		2 3/16"				
Blank		Blank					
520		522		526		528	
90mm	3 7/16"	100mm	3 15/16"		4 7/16"		4 15/16"
Blank			4"				

Radial Load Ratings For Rigid Polyurethane Sleeve Bearings										
Shaft Diameter		Shaft Speed RPM, Load Ratings In Kg								
Inches	mm	10	50	100	150	200	250	300	350	400
1 15/16" - 2"	49-51	417	404	386	367	349	331	313	295	263
2 3/16" - 2 1/4"	55-57	531	508	481	458	431	408	381	354	150
2 7/16" - 2 1/2"	62-64	653	626	590	553	517	485	449	236	
2 11/16" - 2 3/4"	68-70	794	753	689	662	612	567	417	41	
2 15/16" - 3"	74-76	943	898	835	771	712	649	245		
3 7/16" - 3 1/2"	87-89	1288	1206	1111	1011	916	435			
3 15/16" - 4"	100-102	1683	1565	1420	1270	1002				
4 7/16" - 4 1/2"	112-114	2132	1964	1751	1542	513				
4 15/16" - 5"	125-127	2626	2395	2109	1819					

Load ratings are based on industry standards by the Mechanical Power Transmission Assoc.

Notes:

- 1) Load ratings are a guide only.
- 2) Polyurethane for impact resistance; will resist cold forming common to nylon & UHMWPE, due to its elastomeric properties.
- 3) Maintain adequate grease lubrication. Use of EP grease is recommended.
- 4) Ambient air temperatures should not exceed 100°C.
- 5) Bores can be machined out to larger shaft sizes.