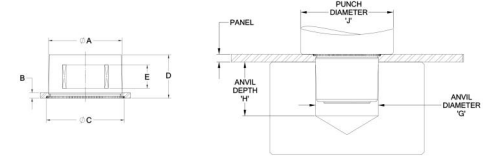




MBA

Bearings - Spyraflo - Self Clinching - Non Aligning



Bronze, acetal and needle roller bearings in a special self-clinching housing. Refer technical sheets linked at bottom of tables.

See links at bottom of web page for more information

See animation link at bottom of web page

Panel material no harder than RB65/RB75

Panel hole to be punched or machined to size A (+0.07/-0.00mm)

This catalogue to be read in conjunction with information at <http://www.minibearings.com.au/ogue/tech/spyraflo/Spyraflo Sizes and Types Guide.pdf>

<http://www.minibearings.com.au/ogue/tech/>

<http://www.minibearings.com.au/www.spyraflo.com/products/animation.php>

Bearings - Spyraflo - Self Clinching - Non Aligning

Part Number	Nominal Shaft Size mm	Max. Radial Dynamic Load N	Material	Min to Max Shaft Dia. mm	Max Speed RPM	Panel Hole (A) +0.07/-0.00 mm	Min. Panel Thickness (B) mm	Min. Distance To Edge mm	Flange Diameter (C) mm	More Information
	<i>inches</i>			<i>inches</i>		<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	
# FSNN-125	3.175	1068	Needle Roller	3.167 to 3.175	31500	9.53	1.02	6.35	10.67	Refer Tech Data Sheet
	<i>0.125</i>					<i>0.375</i>	<i>0.040</i>	<i>0.250</i>	<i>0.420</i>	
# FSNN-4M	4.000	1780	Needle Roller	3.992 to 4.000	41000	12.70	1.00	9.50	14.00	Refer Tech Data Sheet
	<i>0.157</i>					<i>0.500</i>	<i>0.039</i>	<i>0.374</i>	<i>0.551</i>	

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Bearings - Spyraflo - Self Clinching - Non Aligning

Part Number	Nominal Shaft Size mm	Max. Radial Dynamic Load N	Material	Min to Max Shaft Dia. mm	Max Speed RPM	Panel Hole (A) +0.07/-0.00 mm	Min. Panel Thickness (B) mm	Min. Distance To Edge mm	Flange Diameter (C) mm	More Information
	<i>inches</i>			<i>inches</i>		<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	
# FSPN-4M	4.000	3000	Teflon Bronze	3.992 to 4.000	9540	9.50	1.00	6.40	10.50	Refer Tech Data Sheet
	<i>0.157</i>					<i>0.374</i>	<i>0.039</i>	<i>0.252</i>	<i>0.413</i>	
# FSPN-187	4.762	2802	Teflon Bronze	4.719 to 4.737	8040	9.53	1.02	6.35	10.67	Refer Tech Data Sheet
	<i>0.187</i>					<i>0.375</i>	<i>0.040</i>	<i>0.250</i>	<i>0.420</i>	
# FSNN-187	4.762	2802	Needle Roller	4.755 to 4.763	21000	12.70	1.02	9.65	13.97	Refer Tech Data Sheet
	<i>0.187</i>					<i>0.500</i>	<i>0.040</i>	<i>0.380</i>	<i>0.550</i>	
# FSNN-6M	6.000	2030	Needle Roller	5.992 to 6.000	35000	15.90	1.50	11.50	17.00	Refer Tech Data Sheet
	<i>0.236</i>					<i>0.626</i>	<i>0.059</i>	<i>0.453</i>	<i>0.669</i>	
# FSPN-6M	6.000	4500	Teflon Bronze	5.978 to 5.990	6360	12.70	1.00	9.50	14.00	Refer Tech Data Sheet
	<i>0.236</i>					<i>0.500</i>	<i>0.039</i>	<i>0.374</i>	<i>0.551</i>	
# FSNNS-250	6.350	2535	Needle Roller Sealed	6.337 to 6.350	44000	15.88	1.52	11.43	17.02	Refer Tech Data Sheet
	<i>0.250</i>					<i>0.625</i>	<i>0.060</i>	<i>0.450</i>	<i>0.670</i>	
# FSNN-250	6.350	2535	Needle Roller	6.337 to 6.350	44000	15.88	1.52	11.43	17.02	Refer Tech Data Sheet
	<i>0.250</i>					<i>0.625</i>	<i>0.060</i>	<i>0.450</i>	<i>0.670</i>	
# FSPN-250	6.350	7562	Teflon Bronze	6.299 to 6.325	6020	12.70	1.02	9.40	13.97	Refer Tech Data Sheet
	<i>0.250</i>					<i>0.500</i>	<i>0.040</i>	<i>0.370</i>	<i>0.550</i>	

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Bearings - Spyraflo - Self Clinching - Non Aligning

Part Number	Nominal Shaft Size mm	Max. Radial Dynamic Load N	Material	Min to Max Shaft Dia. mm	Max Speed RPM	Panel Hole (A) +0.07/-0.00 mm	Min. Panel Thickness (B) mm	Min. Distance To Edge mm	Flange Diameter (C) mm	More Information
	<i>inches</i>			<i>inches</i>		<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	
# FSNN-312	7.938	2891	Needle Roller	7.925 to 7.938	35500	15.88	1.52	11.43	17.02	Refer Tech Data Sheet
	<i>0.313</i>					<i>0.625</i>	<i>0.060</i>	<i>0.450</i>	<i>0.670</i>	
# FSPN-312	7.938	9430	Teflon Bronze	7.889 to 7.912	4820	12.70	1.02	9.40	13.97	Refer Tech Data Sheet
	<i>0.313</i>					<i>0.500</i>	<i>0.040</i>	<i>0.370</i>	<i>0.550</i>	
# FSNN-8M	8.000	2750	Needle Roller	7.991 to 8.000	28000	15.90	1.50	11.50	17.00	Refer Tech Data Sheet
	<i>0.315</i>					<i>0.626</i>	<i>0.059</i>	<i>0.453</i>	<i>0.669</i>	
# FSPN-8M	8.000	8000	Teflon Bronze	7.792 to 7.987	4770	15.90	1.50	11.50	17.00	Refer Tech Data Sheet
	<i>0.315</i>					<i>0.626</i>	<i>0.059</i>	<i>0.453</i>	<i>0.669</i>	
# FSNN-375	9.525	2891	Needle Roller	9.512 to 9.525	29500	20.62	1.52	12.70	22.10	Refer Tech Data Sheet
	<i>0.375</i>					<i>0.812</i>	<i>0.060</i>	<i>0.500</i>	<i>0.870</i>	
# FSNNS-375	9.525	2891	Needle Roller Sealed	9.512 to 9.525	29500	20.62	1.52	12.70	22.10	Refer Tech Data Sheet
	<i>0.375</i>					<i>0.812</i>	<i>0.060</i>	<i>0.500</i>	<i>0.870</i>	
# FSPN-375	9.525	15124	Teflon Bronze	9.477 to 9.500	4010	15.88	1.52	11.43	17.02	Refer Tech Data Sheet
	<i>0.375</i>					<i>0.625</i>	<i>0.060</i>	<i>0.450</i>	<i>0.670</i>	
# FSNN-10M	10.000	4400	Needle Roller	9.991 to 10.000	23000	20.60	1.50	12.70	22.00	Refer Tech Data Sheet
	<i>0.394</i>					<i>0.811</i>	<i>0.059</i>	<i>0.500</i>	<i>0.866</i>	

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Bearings - Spyraflo - Self Clinching - Non Aligning

Part Number	Nominal Shaft Size mm <i>inches</i>	Max. Radial Dynamic Load N	Material	Min to Max Shaft Dia. mm <i>inches</i>	Max Speed RPM	Panel Hole (A) +0.07/-0.00 mm <i>inches</i>	Min. Panel Thickness (B) mm <i>inches</i>	Min. Distance To Edge mm <i>inches</i>	Flange Diameter (C) mm <i>inches</i>	More Information
FSPN-10M	10.000 <i>0.394</i>	12500	Teflon Bronze	9.972 to 9.987	3820	15.90 <i>0.626</i>	1.50 <i>0.059</i>	11.50 <i>0.453</i>	17.00 <i>0.669</i>	Refer Tech Data Sheet
# FSNN-12M	12.000 <i>0.472</i>	4950	Needle Roller	11.989 to 12.000	20000	20.60 <i>0.811</i>	1.50 <i>0.059</i>	12.70 <i>0.500</i>	22.00 <i>0.866</i>	Refer Tech Data Sheet
# FSPN-12M	12.000 <i>0.472</i>	15000	Teflon Bronze	11.966 to 11.984	3180	20.60 <i>0.811</i>	1.50 <i>0.059</i>	12.70 <i>0.500</i>	22.00 <i>0.866</i>	Refer Tech Data Sheet
# FSNNS-500	12.700 <i>0.500</i>	4626	Needle Roller Sealed	12.687 to 12.700	22000	22.23 <i>0.875</i>	1.52 <i>0.060</i>	16.00 <i>0.630</i>	23.37 <i>0.920</i>	Refer Tech Data Sheet
# FSNN-500	12.700 <i>0.500</i>	4626	Needle Roller	12.687 to 12.700	22000	22.23 <i>0.875</i>	1.52 <i>0.060</i>	16.00 <i>0.630</i>	23.37 <i>0.920</i>	Refer Tech Data Sheet
# FSPN-500	12.700 <i>0.500</i>	20150	Teflon Bronze	12.649 to 12.675	3010	20.62 <i>0.812</i>	1.52 <i>0.060</i>	12.70 <i>0.500</i>	22.10 <i>0.870</i>	Refer Tech Data Sheet
# FSNN-15M	15.000 <i>0.591</i>	7900	Needle Roller	14.989 to 15.000	16000	27.00 <i>1.063</i>	2.00 <i>0.079</i>	19.00 <i>0.748</i>	28.00 <i>1.102</i>	Refer Tech Data Sheet
# FSNN-625	15.875 <i>0.625</i>	8140	Needle Roller	15.862 to 15.875	17600	27.00 <i>1.063</i>	1.91 <i>0.075</i>	19.05 <i>0.750</i>	27.94 <i>1.100</i>	Refer Tech Data Sheet

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	<i>inches</i>			<i>inches</i>		<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	
# FSPN-625	15.875	25221	Teflon Bronze	15.824 to 15.850	2410	22.23	1.52	16.00	23.37	Refer Tech Data Sheet
	<i>0.625</i>					<i>0.875</i>	<i>0.060</i>	<i>0.630</i>	<i>0.920</i>	
# FSPN-16M	16.000	20000	Teflon Bronze	15.966 to 15.984	2390	22.20	1.50	16.00	23.00	Refer Tech Data Sheet
	<i>0.630</i>					<i>0.874</i>	<i>0.059</i>	<i>0.630</i>	<i>0.906</i>	
# FSPN-18M	18.000	33750	Teflon Bronze	17.966 to 17.984	2120	27.00	2.00	19.00	28.00	Refer Tech Data Sheet
	<i>0.709</i>					<i>1.063</i>	<i>0.079</i>	<i>0.748</i>	<i>1.102</i>	
# FSNN-750	19.050	9831	Needle Roller	19.037 to 19.050	14700	31.75	2.29	19.05	33.02	Refer Tech Data Sheet
	<i>0.750</i>					<i>1.250</i>	<i>0.090</i>	<i>0.750</i>	<i>1.300</i>	
# FSPN-750	19.050	30248	Teflon Bronze	19.000 to 19.027	2010	27.00	1.91	19.05	27.94	Refer Tech Data Sheet
	<i>0.750</i>					<i>1.063</i>	<i>0.075</i>	<i>0.750</i>	<i>1.100</i>	

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