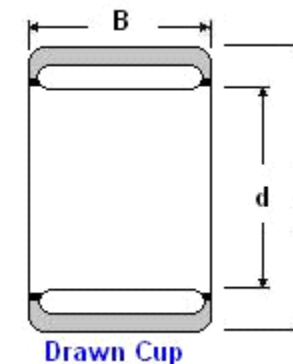




MBA

Bearings - Needle Roller - Shell Type

Light Weight.
Compact Design.



<http://www.minibearings.com.au//categories/shafting/all/pics/>

Bearings - Needle Roller - Shell Type

Part Number	Shaft Diameter (d) mm <i>inches</i>	OD (D) mm <i>inches</i>	Width (B) mm <i>inches</i>	Dynamic Load Kgf	Basic Static Load Rating Kgf	Limiting Speed Grease RPM	Limiting Speed Oil RPM	Cage Type	Seals	Type
NRSO-03.00x06.50x06.00-TN	3.000 <i>0.118</i>	6.500 <i>0.256</i>	6.000 <i>0.236</i>	132	95	40000	60000	Polyamide	None	Open
# NRSO-03.18x06.35x04.78-ST	3.175 <i>0.125</i>	6.350 <i>0.250</i>	4.780 <i>0.188</i>	68	48	41250	75000	Steel	None	Open
# NRSO-03.18x06.35x06.35-FC	3.175 <i>0.125</i>	6.350 <i>0.250</i>	6.350 <i>0.250</i>	170	158	7150	13000	None	None	Open
NRSO-03.97x07.14x06.35-FCEP	3.969 <i>0.156</i>	7.144 <i>0.281</i>	6.350 <i>0.250</i>	127	195	8000	11000	None	None	Open

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Bearings - Needle Roller - Shell Type

Part Number	Shaft Diameter (d) mm <i>inches</i>	OD (D) mm <i>inches</i>	Width (B) mm <i>inches</i>	Dynamic Load Kgf	Basic Static Load Rating Kgf	Limiting Speed Grease RPM	Limiting Speed Oil RPM	Cage Type	Seals	Type
# NRSO-03.97x07.14x04.78-ST	3.970 <i>0.156</i>	7.140 <i>0.281</i>	4.780 <i>0.188</i>	69	50	41250	75000	Steel	None	Open
# NRSO-03.97x07.14x06.35-FC	3.970 <i>0.156</i>	7.140 <i>0.281</i>	6.350 <i>0.250</i>	199	198	6050	11000	None	None	Open
# NRSO-03.97x07.14x07.92-FC	3.970 <i>0.156</i>	7.140 <i>0.281</i>	7.920 <i>0.312</i>	262	282	6050	11000	None	None	Open
# NRSC-04.00x08.00x08.00-TN	4.000 <i>0.157</i>	8.000 <i>0.315</i>	8.000 <i>0.315</i>	170	130	32000	48000	Polyamide	None	Closed End
NRSO-04.00x08.00x08.00-TN	4.000 <i>0.157</i>	8.000 <i>0.315</i>	8.000 <i>0.315</i>	176	137	32000	48000	Polyamide	None	Drawn Cup
# NRSO-04.00x08.00x08.00-FC	4.000 <i>0.157</i>	8.000 <i>0.315</i>	8.000 <i>0.315</i>	310	300			None	None	Open
# NRSO-04.76x08.73x04.78-ST	4.760 <i>0.187</i>	8.730 <i>0.344</i>	4.780 <i>0.188</i>	67	49	41250	75000	Steel	None	Open
NRSO-04.76x08.73x06.35-FC	4.760 <i>0.187</i>	8.730 <i>0.344</i>	6.350 <i>0.250</i>	217	206	6050	11000	None	None	Open
NRSO-04.76x08.73x09.52-FC	4.760 <i>0.187</i>	8.730 <i>0.344</i>	9.520 <i>0.375</i>	376	419	6050	11000	None	None	Open
NRSO-04.76x08.73x09.52-ST	4.760 <i>0.187</i>	8.730 <i>0.344</i>	9.520 <i>0.375</i>	160	153	41250	75000	Steel	None	Open

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Bearings - Needle Roller - Shell Type

Part Number	Shaft Diameter (d) mm <i>inches</i>	OD (D) mm <i>inches</i>	Width (B) mm <i>inches</i>	Dynamic Load Kgf	Basic Static Load Rating Kgf	Limiting Speed Grease RPM	Limiting Speed Oil RPM	Cage Type	Seals	Type
# NRSC-05.00x09.00x09.00-ST	5.000 <i>0.197</i>	9.000 <i>0.354</i>	9.000 <i>0.354</i>	190	160	24000	38000	Steel	None	Closed End
NRSO-05.00x09.00x09.00-ST	5.000 <i>0.197</i>	9.000 <i>0.354</i>	9.000 <i>0.354</i>	212	176	24000	38000	Steel	None	Drawn Cup
# NRSO-05.00x09.00x09.00-FC	5.000 <i>0.197</i>	9.000 <i>0.354</i>	9.000 <i>0.354</i>	440	480			None	None	Open
# NRSO-06.00x10.00x08.00-ST	6.000 <i>0.236</i>	10.000 <i>0.394</i>	8.000 <i>0.315</i>	222	204	33000	60000	Steel	None	Open
NRSO-06.00x10.00x09.00-ST	6.000 <i>0.236</i>	10.000 <i>0.394</i>	9.000 <i>0.354</i>	305	290	20000	34000	Steel	None	Drawn Cup
# NRSC-06.00x10.00x09.00-ST	6.000 <i>0.236</i>	10.000 <i>0.394</i>	9.000 <i>0.354</i>	210	190	20000	34000	Steel	None	Closed End
# NRSO-06.35x11.11x09.52-FC	6.350 <i>0.250</i>	11.110 <i>0.437</i>	9.520 <i>0.375</i>	452	499	5500	10000	None	None	Open
# NRSO-06.35x11.11x06.35-FC	6.350 <i>0.250</i>	11.112 <i>0.437</i>	6.350 <i>0.250</i>	256	148	31350	10000	None	None	Open
# NRSO-06.35x11.11x06.35-ST	6.350 <i>0.250</i>	11.112 <i>0.437</i>	6.350 <i>0.250</i>	150	110	31350	57000	Steel	None	Open
# NRSC-06.35x11.11x06.35-FC	6.350 <i>0.250</i>	11.112 <i>0.437</i>	6.350 <i>0.250</i>	256	148	5500	10000	None	None	Closed End

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Bearings - Needle Roller - Shell Type

Part Number	Shaft Diameter (d) mm <i>inches</i>	OD (D) mm <i>inches</i>	Width (B) mm <i>inches</i>	Dynamic Load Kgf	Basic Static Load Rating Kgf	Limiting Speed Grease RPM	Limiting Speed Oil RPM	Cage Type	Seals	Type
# NRSC-06.35x11.11x06.35-ST	6.350 <i>0.250</i>	11.112 <i>0.437</i>	6.350 <i>0.250</i>	150	110	31350	57000	Steel	None	Closed End
NRSO-06.35x11.11x07.92-FC	6.350 <i>0.250</i>	11.112 <i>0.437</i>	7.920 <i>0.312</i>	348	219	31350	10000	None	None	Open
NRSO-06.35x11.11x07.92-ST	6.350 <i>0.250</i>	11.112 <i>0.437</i>	7.920 <i>0.312</i>	150	110	31350	57000	Steel	None	Open
# NRSC-06.35x11.11x07.92-FC	6.350 <i>0.250</i>	11.112 <i>0.437</i>	7.920 <i>0.312</i>	348	219	5500	10000	None	None	Closed End
# NRSC-06.35x11.11x07.92-ST	6.350 <i>0.250</i>	11.112 <i>0.437</i>	7.920 <i>0.312</i>	150	110	31350	57000	Steel	None	Closed End
NRSO-06.35x11.11x11.13-FC	6.350 <i>0.250</i>	11.112 <i>0.437</i>	11.130 <i>0.438</i>	549	635	31350	10000	None	None	Open
NRSO-06.35x11.11x11.13-ST	6.350 <i>0.250</i>	11.112 <i>0.437</i>	11.130 <i>0.438</i>	270	240	31350	57000	Steel	None	Open
# NRSC-06.35x11.11x11.13-ST	6.350 <i>0.250</i>	11.112 <i>0.437</i>	11.130 <i>0.438</i>	270	240	31350	57000	Steel	None	Closed End
# NRSC-06.35x11.11x11.13-FC	6.350 <i>0.250</i>	11.112 <i>0.437</i>	11.130 <i>0.438</i>	549	635	5500	10000	None	None	Closed End
NRSO-07.00x11.00x09.00-ST	7.000 <i>0.276</i>	11.000 <i>0.433</i>	9.000 <i>0.354</i>	265	250	18000	30000	Steel	None	Drawn Cup

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Bearings - Needle Roller - Shell Type

Part Number	Shaft Diameter (d) mm <i>inches</i>	OD (D) mm <i>inches</i>	Width (B) mm <i>inches</i>	Dynamic Load Kgf	Basic Static Load Rating Kgf	Limiting Speed Grease RPM	Limiting Speed Oil RPM	Cage Type	Seals	Type
# NRSC-07.00x11.00x09.00-ST	7.000 <i>0.276</i>	11.000 <i>0.433</i>	9.000 <i>0.354</i>	250	250	18000	30000	Steel	None	Closed End
NRSO-07.94x12.70x07.92-ST	7.938 <i>0.313</i>	12.700 <i>0.500</i>	7.920 <i>0.312</i>	190	160	24200	44000	Steel	None	Open
# NRSO-07.94x12.70x07.92-FC	7.938 <i>0.313</i>	12.700 <i>0.500</i>	7.920 <i>0.312</i>	400	447	24200	8300	None	None	Open
# NRSC-07.94x12.70x07.92-ST	7.938 <i>0.313</i>	12.700 <i>0.500</i>	7.920 <i>0.312</i>	190	160	24200	44000	Steel	None	Closed End
# NRSC-07.94x12.70x07.92-FC	7.938 <i>0.313</i>	12.700 <i>0.500</i>	7.920 <i>0.312</i>	400	447	4565	8300	None	None	Closed End
# NRSO-07.94x12.70x09.52-FC	7.938 <i>0.313</i>	12.700 <i>0.500</i>	9.520 <i>0.375</i>	517	622	24200	8300	None	None	Open
# NRSC-07.94x12.70x09.52-ST	7.938 <i>0.313</i>	12.700 <i>0.500</i>	9.520 <i>0.375</i>	270	240	24200	44000	Steel	None	Closed End
# NRSO-07.94x12.70x09.52-ST	7.938 <i>0.313</i>	12.700 <i>0.500</i>	9.520 <i>0.375</i>	270	240	24200	44000	Steel	None	Open
# NRSO-07.94x12.70x11.13-FC	7.938 <i>0.313</i>	12.700 <i>0.500</i>	11.130 <i>0.438</i>	631	803	24200	8300	None	None	Open
# NRSC-07.94x12.70x11.13-FC	7.938 <i>0.313</i>	12.700 <i>0.500</i>	11.130 <i>0.438</i>	631	803	4565	8300	None	None	Closed End

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Bearings - Needle Roller - Shell Type

Part Number	Shaft Diameter (d) mm <i>inches</i>	OD (D) mm <i>inches</i>	Width (B) mm <i>inches</i>	Dynamic Load Kgf	Basic Static Load Rating Kgf	Limiting Speed Grease RPM	Limiting Speed Oil RPM	Cage Type	Seals	Type
NRSO-07.94x12.70x11.13-ST	7.938 <i>0.313</i>	12.700 <i>0.500</i>	11.130 <i>0.438</i>	340	330	24200	44000	Steel	None	Open
# NRSC-07.94x12.70x11.13-ST	7.938 <i>0.313</i>	12.700 <i>0.500</i>	11.130 <i>0.438</i>	340	330	24200	44000	Steel	None	Closed End
# NRSC-07.94x12.70x14.27-ST	7.938 <i>0.313</i>	12.700 <i>0.500</i>	14.270 <i>0.562</i>	430	440	24200	44000	Steel	None	Closed End
# NRSO-07.94x12.70x14.27-ST	7.938 <i>0.313</i>	12.700 <i>0.500</i>	14.270 <i>0.562</i>	430	440	24200	44000	Steel	None	Open
# NRSO-07.94x12.70x14.27-FC	7.938 <i>0.313</i>	12.700 <i>0.500</i>	14.270 <i>0.562</i>	840	1158	24200	8300	None	None	Open
# NRSC-07.94x14.29x11.13-ST	7.938 <i>0.313</i>	14.288 <i>0.563</i>	11.130 <i>0.438</i>	420	380	25850	47000	Steel	None	Closed End
# NRSO-07.94x14.29x11.13-ST	7.938 <i>0.313</i>	14.288 <i>0.563</i>	11.130 <i>0.438</i>	420	380	25850	47000	Steel	None	Open
# NRSO-07.94x12.70x09.52-ST-RS	7.940 <i>0.313</i>	12.700 <i>0.500</i>	9.520 <i>0.375</i>	196	174	13200	24000	Steel	Nitrile 1 side	Open
# NRSO-07.94x12.70x14.27-ST-2RS	7.940 <i>0.313</i>	12.700 <i>0.500</i>	14.270 <i>0.562</i>	348	365	13200	24000	Steel	Nitrile 2 sides	Open
# NRSO-07.94x14.29x14.27-FC	7.940 <i>0.313</i>	14.290 <i>0.563</i>	14.270 <i>0.562</i>	944	1062	6050	11000	None	None	Open

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Bearings - Needle Roller - Shell Type

Part Number	Shaft Diameter (d) mm <i>inches</i>	OD (D) mm <i>inches</i>	Width (B) mm <i>inches</i>	Dynamic Load Kgf	Basic Static Load Rating Kgf	Limiting Speed Grease RPM	Limiting Speed Oil RPM	Cage Type	Seals	Type
NRSO-08.00x12.00x08.00-ST	8.000 <i>0.315</i>	12.000 <i>0.472</i>	8.000 <i>0.315</i>	280	285	16000	26000	Steel	None	Open
# NRSO-08.00x12.00x10.00-ST-RS	8.000 <i>0.315</i>	12.000 <i>0.472</i>	10.000 <i>0.394</i>	365	400	16000	26000	Steel	Nitrile 1 side	Drawn Cup
NRSC-08.00x12.00x10.00-ST	8.000 <i>0.315</i>	12.000 <i>0.472</i>	10.000 <i>0.394</i>	340	370	16000	26000	Steel	None	Closed End
NRSO-08.00x12.00x10.00-ST	8.000 <i>0.315</i>	12.000 <i>0.472</i>	10.000 <i>0.394</i>	365	400	16000	26000	Steel	None	Drawn Cup
# NRSC-08.00x15.00x10.00-ST	8.000 <i>0.315</i>	15.000 <i>0.591</i>	10.000 <i>0.394</i>	350	290			Steel	None	Closed End
# NRSO-08.00x15.00x10.00-FC	8.000 <i>0.315</i>	15.000 <i>0.591</i>	10.000 <i>0.394</i>	770	810			None	None	Open
NRSO-08.00x15.00x10.00-ST	8.000 <i>0.315</i>	15.000 <i>0.591</i>	10.000 <i>0.394</i>	350	290			Steel	None	Open
# NRSO-08.00x15.00x15.00-ST	8.000 <i>0.315</i>	15.000 <i>0.591</i>	15.000 <i>0.591</i>	590	570			Steel	None	Open
# NRSC-08.00x15.00x15.00-ST	8.000 <i>0.315</i>	15.000 <i>0.591</i>	15.000 <i>0.591</i>	590	570			Steel	None	Closed End
# NRSO-08.00x15.00x20.00-ST	8.000 <i>0.315</i>	15.000 <i>0.591</i>	20.000 <i>0.787</i>	850	910			Steel	None	Open

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Bearings - Needle Roller - Shell Type

Part Number	Shaft Diameter (d) mm <i>inches</i>	OD (D) mm <i>inches</i>	Width (B) mm <i>inches</i>	Dynamic Load Kgf	Basic Static Load Rating Kgf	Limiting Speed Grease RPM	Limiting Speed Oil RPM	Cage Type	Seals	Type
# NRSC-08.00x15.00x20.00-ST	8.000 <i>0.315</i>	15.000 <i>0.591</i>	20.000 <i>0.787</i>	850	910			Steel	None	Closed End
NRSO-09.00x13.00x10.00-ST	9.000 <i>0.354</i>	13.000 <i>0.512</i>	10.000 <i>0.394</i>	440	530	15000	24000	Steel	None	Drawn Cup
# NRSC-09.00x13.00x10.00-ST	9.000 <i>0.354</i>	13.000 <i>0.512</i>	10.000 <i>0.394</i>	360	410	15000	24000	Steel	None	Closed End
# NRSO-09.00x13.00x12.00-ST	9.000 <i>0.354</i>	13.000 <i>0.512</i>	12.000 <i>0.472</i>	540	670	15000	24000	Steel	None	Open
# NRSC-09.00x13.00x12.00-ST	9.000 <i>0.354</i>	13.000 <i>0.512</i>	12.000 <i>0.472</i>	450	560	15000	24000	Steel	None	Closed End
# NRSO-09.00x16.00x12.00-FC	9.000 <i>0.354</i>	16.000 <i>0.630</i>	12.000 <i>0.472</i>	990	1150			None	None	Open
# NRSO-09.00x16.00x12.00-ST	9.000 <i>0.354</i>	16.000 <i>0.630</i>	12.000 <i>0.472</i>	520	500			Steel	None	Open
# NRSC-09.00x16.00x12.00-ST	9.000 <i>0.354</i>	16.000 <i>0.630</i>	12.000 <i>0.472</i>	520	500			Steel	None	Closed End
# NRSO-09.00x16.00x16.00-ST	9.000 <i>0.354</i>	16.000 <i>0.630</i>	16.000 <i>0.630</i>	710	740			Steel	None	Open
# NRSC-09.00x16.00x16.00-ST	9.000 <i>0.354</i>	16.000 <i>0.630</i>	16.000 <i>0.630</i>	710	740			Steel	None	Closed End

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Bearings - Needle Roller - Shell Type

Part Number	Shaft Diameter (d) mm <i>inches</i>	OD (D) mm <i>inches</i>	Width (B) mm <i>inches</i>	Dynamic Load Kgf	Basic Static Load Rating Kgf	Limiting Speed Grease RPM	Limiting Speed Oil RPM	Cage Type	Seals	Type
# NRSO-09.53x14.29x07.92-FC	9.525 <i>0.375</i>	14.288 <i>0.563</i>	7.920 <i>0.312</i>	446	535	19800	7100	None	None	Open
# NRSC-09.53x14.29x07.92-ST	9.525 <i>0.375</i>	14.288 <i>0.563</i>	7.920 <i>0.312</i>	230	210	19800	36000	Steel	None	Closed End
# NRSC-09.53x14.29x07.92-FC	9.525 <i>0.375</i>	14.288 <i>0.563</i>	7.920 <i>0.312</i>	446	535	3905	7100	None	None	Closed End
# NRSO-09.53x14.29x07.92-ST	9.525 <i>0.375</i>	14.288 <i>0.563</i>	7.920 <i>0.312</i>	230	210	19800	36000	Steel	None	Open
# NRSC-09.53x14.29x09.52-ST	9.525 <i>0.375</i>	14.288 <i>0.563</i>	9.520 <i>0.375</i>	320	310	19800	36000	Steel	None	Closed End
# NRSO-09.53x14.29x09.52-ST	9.525 <i>0.375</i>	14.288 <i>0.563</i>	9.520 <i>0.375</i>	320	310	19800	36000	Steel	None	Open
# NRSC-09.53x14.29x09.52-FC	9.525 <i>0.375</i>	14.288 <i>0.563</i>	9.520 <i>0.375</i>	581	748	3905	7100	None	None	Closed End
# NRSO-09.53x14.29x09.52-FC	9.525 <i>0.375</i>	14.288 <i>0.563</i>	9.520 <i>0.375</i>	581	748	19800	7100	None	None	Open
# NRSO-09.53x14.29x12.70-ST	9.525 <i>0.375</i>	14.288 <i>0.563</i>	12.700 <i>0.500</i>	430	470	19800	36000	Steel	None	Open
# NRSO-09.53x14.29x12.70-FC	9.525 <i>0.375</i>	14.288 <i>0.563</i>	12.700 <i>0.500</i>	821	1175	19800	7100	None	None	Open

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Bearings - Needle Roller - Shell Type

Part Number	Shaft Diameter (d) mm <i>inches</i>	OD (D) mm <i>inches</i>	Width (B) mm <i>inches</i>	Dynamic Load Kgf	Basic Static Load Rating Kgf	Limiting Speed Grease RPM	Limiting Speed Oil RPM	Cage Type	Seals	Type
# NRSC-09.53x14.29x12.70-ST	9.525 <i>0.375</i>	14.288 <i>0.563</i>	12.700 <i>0.500</i>	430	470	19800	36000	Steel	None	Closed End
# NRSC-09.53x14.29x12.70-FC	9.525 <i>0.375</i>	14.288 <i>0.563</i>	12.700 <i>0.500</i>	821	1175	3905	7100	None	None	Closed End
# NRSC-09.53x14.29x14.27-ST	9.525 <i>0.375</i>	14.288 <i>0.563</i>	14.270 <i>0.562</i>	500	570	19800	36000	Steel	None	Closed End
# NRSC-09.53x14.29x14.27-FC	9.525 <i>0.375</i>	14.288 <i>0.563</i>	14.270 <i>0.562</i>	940	1394	19800	7100	None	None	Open
# NRSC-09.53x14.29x14.27-ST	9.525 <i>0.375</i>	14.288 <i>0.563</i>	14.270 <i>0.562</i>	500	570	19800	36000	Steel	None	Open
# NRSC-09.53x14.29x15.88-ST	9.525 <i>0.375</i>	14.288 <i>0.563</i>	15.880 <i>0.625</i>	580	680	19800	36000	Steel	None	Open
# NRSC-09.53x14.29x15.88-FC	9.525 <i>0.375</i>	14.288 <i>0.563</i>	15.880 <i>0.625</i>	1049	1602	3905	7100	None	None	Closed End
# NRSC-09.53x14.29x15.88-ST	9.525 <i>0.375</i>	14.288 <i>0.563</i>	15.880 <i>0.625</i>	580	680	19800	36000	Steel	None	Closed End
# NRSC-09.53x14.29x15.88-FC	9.525 <i>0.375</i>	14.288 <i>0.563</i>	15.880 <i>0.625</i>	1049	1602	19800	7100	None	None	Open
# NRSC-09.52x14.29x09.52-ST-RS	9.525 <i>0.375</i>	14.290 <i>0.563</i>	9.520 <i>0.375</i>	223	215	11000	20000	Steel	Nitrile 1 side	Open

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Bearings - Needle Roller - Shell Type

Part Number	Shaft Diameter (d) mm <i>inches</i>	OD (D) mm <i>inches</i>	Width (B) mm <i>inches</i>	Dynamic Load Kgf	Basic Static Load Rating Kgf	Limiting Speed Grease RPM	Limiting Speed Oil RPM	Cage Type	Seals	Type
# NRSO-09.52x14.29x11.13-ST-2RS	9.525 <i>0.375</i>	14.290 <i>0.563</i>	11.130 <i>0.438</i>	223	215	11000	20000	Steel	Nitrile 2 sides	Open
# NRSO-09.52x14.29x11.13-FC	9.525 <i>0.375</i>	14.290 <i>0.563</i>	11.130 <i>0.438</i>	704	962	3905	7100	None	None	Open
# NRSO-09.52x14.29x14.27-ST-RS	9.525 <i>0.375</i>	14.290 <i>0.563</i>	14.270 <i>0.562</i>	468	563	11000	20000	Steel	Nitrile 1 side	Open
# NRSO-09.53x15.88x12.70-ST	9.525 <i>0.375</i>	15.875 <i>0.625</i>	12.700 <i>0.500</i>	500	480	20900	38000	Steel	None	Open
# NRSC-09.53x15.88x12.70-ST	9.525 <i>0.375</i>	15.875 <i>0.625</i>	12.700 <i>0.500</i>	500	480	20900	38000	Steel	None	Closed End
# NRSO-09.53x15.88x12.70-FC	9.525 <i>0.375</i>	15.875 <i>0.625</i>	12.700 <i>0.500</i>					None	None	Drawn Cup
NRSO-10.00x14.00x10.00-ST	10.000 <i>0.394</i>	14.000 <i>0.551</i>	10.000 <i>0.394</i>	465	570	14000	22000	Steel	None	Drawn Cup
# NRSC-10.00x14.00x10.00-ST	10.000 <i>0.394</i>	14.000 <i>0.551</i>	10.000 <i>0.394</i>	390	480	14000	22000	Steel	None	Closed End
NRSO-10.00x14.00x12.00-ST	10.000 <i>0.394</i>	14.000 <i>0.551</i>	12.000 <i>0.472</i>	560	735	14000	22000	Steel	None	Open
# NRSC-10.00x14.00x12.00-ST	10.000 <i>0.394</i>	14.000 <i>0.551</i>	12.000 <i>0.472</i>	500	660	14000	22000	Steel	None	Closed End

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Bearings - Needle Roller - Shell Type

Part Number	Shaft Diameter (d) mm <i>inches</i>	OD (D) mm <i>inches</i>	Width (B) mm <i>inches</i>	Dynamic Load Kgf	Basic Static Load Rating Kgf	Limiting Speed Grease RPM	Limiting Speed Oil RPM	Cage Type	Seals	Type
NRSO-10.00x14.00x15.00-ST	10.000 <i>0.394</i>	14.000 <i>0.551</i>	15.000 <i>0.591</i>	670	915	14000	22000	Steel	None	Open
# NRSC-10.00x14.00x15.00-ST	10.000 <i>0.394</i>	14.000 <i>0.551</i>	15.000 <i>0.591</i>	650	920	14000	22000	Steel	None	Closed End
# NRSC-10.00x17.00x10.00-ST	10.000 <i>0.394</i>	17.000 <i>0.669</i>	10.000 <i>0.394</i>	420	390			Steel	None	Closed End
# NRSO-10.00x17.00x10.00-ST	10.000 <i>0.394</i>	17.000 <i>0.669</i>	10.000 <i>0.394</i>	420	390			Steel	None	Open
# NRSC-10.00x17.00x12.00-ST	10.000 <i>0.394</i>	17.000 <i>0.669</i>	12.000 <i>0.472</i>	570	570			Steel	None	Closed End
# NRSO-10.00x17.00x12.00-ST	10.000 <i>0.394</i>	17.000 <i>0.669</i>	12.000 <i>0.472</i>	570	570			Steel	None	Open
# NRSC-10.00x17.00x15.00-ST	10.000 <i>0.394</i>	17.000 <i>0.669</i>	15.000 <i>0.591</i>	710	740			Steel	None	Closed End
NRSO-10.00x17.00x15.00-ST	10.000 <i>0.394</i>	17.000 <i>0.669</i>	15.000 <i>0.591</i>	710	740			Steel	None	Open
# NRSC-10.00x17.00x20.00-ST	10.000 <i>0.394</i>	17.000 <i>0.669</i>	20.000 <i>0.787</i>	1020	1190			Steel	None	Closed End
# NRSO-10.00x17.00x20.00-ST	10.000 <i>0.394</i>	17.000 <i>0.669</i>	20.000 <i>0.787</i>	1020	1190			Steel	None	Open

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Bearings - Needle Roller - Shell Type

Part Number	Shaft Diameter (d) mm <i>inches</i>	OD (D) mm <i>inches</i>	Width (B) mm <i>inches</i>	Dynamic Load Kgf	Basic Static Load Rating Kgf	Limiting Speed Grease RPM	Limiting Speed Oil RPM	Cage Type	Seals	Type
# NRSC-11.11x15.88x09.52-ST	11.112 <i>0.437</i>	15.875 <i>0.625</i>	9.520 <i>0.375</i>	340	350	16500	30000	Steel	None	Closed End
NRSO-11.11x15.88x09.52-FC	11.112 <i>0.437</i>	15.875 <i>0.625</i>	9.520 <i>0.375</i>	631	876	16500	6300	None	None	Open
# NRSO-11.11x15.88x09.52-ST	11.112 <i>0.437</i>	15.875 <i>0.625</i>	9.520 <i>0.375</i>	340	350	16500	30000	Steel	None	Open
# NRSC-11.11x15.88x11.13-ST	11.112 <i>0.437</i>	15.875 <i>0.625</i>	11.130 <i>0.438</i>	420	480	16500	30000	Steel	None	Closed End
# NRSO-11.11x15.88x11.13-ST	11.112 <i>0.437</i>	15.875 <i>0.625</i>	11.130 <i>0.438</i>	420	480	16500	30000	Steel	None	Open
# NRSO-11.11x15.88x11.13-FC	11.112 <i>0.437</i>	15.875 <i>0.625</i>	11.130 <i>0.438</i>	772	1126	16500	6300	None	None	Open
# NRSC-11.11x15.88x12.70-FC	11.112 <i>0.437</i>	15.875 <i>0.625</i>	12.700 <i>0.500</i>	899	1376	3465	6300	None	None	Closed End
NRSO-11.11x15.88x12.70-ST	11.112 <i>0.437</i>	15.875 <i>0.625</i>	12.700 <i>0.500</i>	450	520	16500	30000	Steel	None	Open
# NRSO-11.11x15.88x12.70-FC	11.112 <i>0.437</i>	15.875 <i>0.625</i>	12.700 <i>0.500</i>	899	1376	16500	6300	None	None	Open
# NRSC-11.11x15.88x12.70-ST	11.112 <i>0.437</i>	15.875 <i>0.625</i>	12.700 <i>0.500</i>	450	520	16500	30000	Steel	None	Closed End

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Bearings - Needle Roller - Shell Type

Part Number	Shaft Diameter (d) mm <i>inches</i>	OD (D) mm <i>inches</i>	Width (B) mm <i>inches</i>	Dynamic Load Kgf	Basic Static Load Rating Kgf	Limiting Speed Grease RPM	Limiting Speed Oil RPM	Cage Type	Seals	Type
# NRSO-11.11x15.88x15.88-FC	11.112 <i>0.437</i>	15.875 <i>0.625</i>	15.880 <i>0.625</i>	1144	1875	16500	6300	None	None	Open
# NRSO-11.11x15.88x15.88-ST	11.112 <i>0.437</i>	15.875 <i>0.625</i>	15.880 <i>0.625</i>	610	770	16500	30000	Steel	None	Open
# NRSC-11.11x15.88x15.88-ST	11.112 <i>0.437</i>	15.875 <i>0.625</i>	15.880 <i>0.625</i>	610	770	16500	30000	Steel	None	Closed End
# NRSO-11.11x17.46x12.70-ST	11.112 <i>0.437</i>	17.462 <i>0.687</i>	12.700 <i>0.500</i>	580	610	20900	38000	Steel	None	Open
# NRSC-11.11x17.46x12.70-ST	11.112 <i>0.437</i>	17.462 <i>0.687</i>	12.700 <i>0.500</i>	580	610	20900	38000	Steel	None	Closed End
# NRSO-12.00x16.00x10.00-FC	12.000 <i>0.472</i>	16.000 <i>0.630</i>	10.000 <i>0.394</i>	760	1210			None	None	Open
NRSO-12.00x16.00x10.00-ST	12.000 <i>0.472</i>	16.000 <i>0.630</i>	10.000 <i>0.394</i>	455	585	12000	19000	Steel	None	Open
# NRSC-12.00x16.00x10.00-ST	12.000 <i>0.472</i>	16.000 <i>0.630</i>	10.000 <i>0.394</i>	440	590	12000	19000	Steel	None	Closed End
NRSO-12.00x18.00x12.00-ST	12.000 <i>0.472</i>	18.000 <i>0.709</i>	12.000 <i>0.472</i>	655	780	12000	19000	Steel	None	Drawn Cup
# NRSC-12.00x18.00x12.00-ST	12.000 <i>0.472</i>	18.000 <i>0.709</i>	12.000 <i>0.472</i>	650	760	12000	19000	Steel	None	Closed End

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Bearings - Needle Roller - Shell Type

Part Number	Shaft Diameter (d) mm <i>inches</i>	OD (D) mm <i>inches</i>	Width (B) mm <i>inches</i>	Dynamic Load Kgf	Basic Static Load Rating Kgf	Limiting Speed Grease RPM	Limiting Speed Oil RPM	Cage Type	Seals	Type
# NRSO-12.00x18.00x14.00-ST-RS	12.000 <i>0.472</i>	18.000 <i>0.709</i>	14.000 <i>0.551</i>	655	780	12000		Steel	Nitrile 1 side	Open
# NRSO-12.00x18.00x16.00-ST-2RS	12.000 <i>0.472</i>	18.000 <i>0.709</i>	16.000 <i>0.630</i>	655	780	12000		Steel	Nitrile 2 sides	Open
# NRSO-12.00x19.00x12.00-FC	12.000 <i>0.472</i>	19.000 <i>0.748</i>	12.000 <i>0.472</i>	1200	1550			None	None	Open
# NRSO-12.00x19.00x12.00-ST	12.000 <i>0.472</i>	19.000 <i>0.748</i>	12.000 <i>0.472</i>	610	640			Steel	None	Open
# NRSC-12.00x19.00x12.00-ST	12.000 <i>0.472</i>	19.000 <i>0.748</i>	12.000 <i>0.472</i>	610	640			Steel	None	Closed End
# NRSO-12.00x19.00x15.00-ST	12.000 <i>0.472</i>	19.000 <i>0.748</i>	15.000 <i>0.591</i>	760	850			Steel	None	Open
# NRSC-12.00x19.00x15.00-ST	12.000 <i>0.472</i>	19.000 <i>0.748</i>	15.000 <i>0.591</i>	760	850			Steel	None	Closed End
# NRSC-12.00x19.00x20.00-ST	12.000 <i>0.472</i>	19.000 <i>0.748</i>	20.000 <i>0.787</i>	1090	1360			Steel	None	Closed End
# NRSO-12.00x19.00x20.00-ST	12.000 <i>0.472</i>	19.000 <i>0.748</i>	20.000 <i>0.787</i>	1090	1360			Steel	None	Open
# NRSC-12.00x19.00x25.00-ST	12.000 <i>0.472</i>	19.000 <i>0.748</i>	25.000 <i>0.984</i>	1400	1870			Steel	None	Closed End

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Bearings - Needle Roller - Shell Type

Part Number	Shaft Diameter (d) mm <i>inches</i>	OD (D) mm <i>inches</i>	Width (B) mm <i>inches</i>	Dynamic Load Kgf	Basic Static Load Rating Kgf	Limiting Speed Grease RPM	Limiting Speed Oil RPM	Cage Type	Seals	Type
# NRSO-12.00x19.00x25.00-ST	12.000 <i>0.472</i>	19.000 <i>0.748</i>	25.000 <i>0.984</i>	1400	1870			Steel	None	Open
# NRSO-12.70x17.46x09.52-ST-RS	12.700 <i>0.500</i>	17.460 <i>0.687</i>	9.520 <i>0.375</i>	282	316	8250	15000	Steel	Nitrile 1 side	Open
# NRSO-12.70x17.46x11.13-ST-2RS	12.700 <i>0.500</i>	17.460 <i>0.687</i>	11.130 <i>0.438</i>	282	316	8250	15000	Steel	Nitrile 2 sides	Open
# NRSO-12.70x17.46x14.27-ST-RS	12.700 <i>0.500</i>	17.460 <i>0.687</i>	14.270 <i>0.562</i>	568	776	8250	15000	Steel	Nitrile 1 side	Open
# NRSO-12.70x17.46x15.88-ST-2RS	12.700 <i>0.500</i>	17.460 <i>0.687</i>	15.880 <i>0.625</i>	568	776	8250	15000	Steel	Nitrile 2 sides	Open
# NRSO-12.70x17.46x22.22-ST-2RS	12.700 <i>0.500</i>	17.460 <i>0.687</i>	22.220 <i>0.875</i>	935	1471	8250	15000	Steel	Nitrile 2 sides	Open
# NRSO-12.70x17.46x07.92-ST	12.700 <i>0.500</i>	17.462 <i>0.687</i>	7.920 <i>0.312</i>	250	260	14300	26000	Steel	None	Open
# NRSO-12.70x17.46x07.92-FC	12.700 <i>0.500</i>	17.462 <i>0.687</i>	7.920 <i>0.312</i>	526	717	14300	5500	None	None	Open
# NRSC-12.70x17.46x07.92-ST	12.700 <i>0.500</i>	17.462 <i>0.687</i>	7.920 <i>0.312</i>	250	260	14300	26000	Steel	None	Closed End
# NRSC-12.70x17.46x07.92-FC	12.700 <i>0.500</i>	17.462 <i>0.687</i>	7.920 <i>0.312</i>	526	717	3025	5500	None	None	Closed End

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Bearings - Needle Roller - Shell Type

Part Number	Shaft Diameter (d) mm <i>inches</i>	OD (D) mm <i>inches</i>	Width (B) mm <i>inches</i>	Dynamic Load Kgf	Basic Static Load Rating Kgf	Limiting Speed Grease RPM	Limiting Speed Oil RPM	Cage Type	Seals	Type
# NRSC-12.70x17.46x09.52-FC	12.700 <i>0.500</i>	17.462 <i>0.687</i>	9.520 <i>0.375</i>	681	999	3025	5500	None	None	Closed End
# NRSO-12.70x17.46x09.52-ST	12.700 <i>0.500</i>	17.462 <i>0.687</i>	9.520 <i>0.375</i>	350	390	14300	26000	Steel	None	Open
# NRSC-12.70x17.46x09.52-ST	12.700 <i>0.500</i>	17.462 <i>0.687</i>	9.520 <i>0.375</i>	350	390	14300	26000	Steel	None	Closed End
# NRSO-12.70x17.46x09.52-FC	12.700 <i>0.500</i>	17.462 <i>0.687</i>	9.520 <i>0.375</i>	681	999	14300	5500	None	None	Open
# NRSC-12.70x17.46x11.13-FC	12.700 <i>0.500</i>	17.462 <i>0.687</i>	11.130 <i>0.438</i>	831	1289	3025	5500	None	None	Closed End
# NRSC-12.70x17.46x11.13-ST	12.700 <i>0.500</i>	17.462 <i>0.687</i>	11.130 <i>0.438</i>	450	530	14300	26000	Steel	None	Closed End
# NRSO-12.70x17.46x11.13-FC	12.700 <i>0.500</i>	17.462 <i>0.687</i>	11.130 <i>0.438</i>	831	1289	14300	5500	None	None	Open
# NRSO-12.70x17.46x11.13-ST	12.700 <i>0.500</i>	17.462 <i>0.687</i>	11.130 <i>0.438</i>	450	530	14300	26000	Steel	None	Open
# NRSC-12.70x17.46x12.70-FC	12.700 <i>0.500</i>	17.462 <i>0.687</i>	12.700 <i>0.500</i>	967	1571	3025	5500	None	None	Closed End
# NRSC-12.70x17.46x12.70-ST	12.700 <i>0.500</i>	17.462 <i>0.687</i>	12.700 <i>0.500</i>	480	580	14300	26000	Steel	None	Closed End

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Bearings - Needle Roller - Shell Type

Part Number	Shaft Diameter (d) mm <i>inches</i>	OD (D) mm <i>inches</i>	Width (B) mm <i>inches</i>	Dynamic Load Kgf	Basic Static Load Rating Kgf	Limiting Speed Grease RPM	Limiting Speed Oil RPM	Cage Type	Seals	Type
# NRSO-12.70x17.46x12.70-ST	12.700 <i>0.500</i>	17.462 <i>0.687</i>	12.700 <i>0.500</i>	480	580	14300	26000	Steel	None	Open
# NRSO-12.70x17.46x12.70-FC	12.700 <i>0.500</i>	17.462 <i>0.687</i>	12.700 <i>0.500</i>	967	1571	14300	5500	None	None	Open
# NRSO-12.70x17.46x15.88-FC	12.700 <i>0.500</i>	17.462 <i>0.687</i>	15.880 <i>0.625</i>	1235	2143	14300	5500	None	None	Open
# NRSO-12.70x17.46x15.88-ST	12.700 <i>0.500</i>	17.462 <i>0.687</i>	15.880 <i>0.625</i>	650	850	14300	26000	Steel	None	Open
# NRSC-12.70x17.46x15.88-ST	12.700 <i>0.500</i>	17.462 <i>0.687</i>	15.880 <i>0.625</i>	650	850	14300	26000	Steel	None	Closed End
# NRSC-12.70x17.46x15.88-FC	12.700 <i>0.500</i>	17.462 <i>0.687</i>	15.880 <i>0.625</i>	1235	2143	3025	5500	None	None	Closed End
# NRSC-12.70x17.46x19.05-ST	12.700 <i>0.500</i>	17.462 <i>0.687</i>	19.050 <i>0.750</i>	800	1120	14300	26000	Steel	None	Closed End
NRSO-12.70x17.46x19.05-ST	12.700 <i>0.500</i>	17.462 <i>0.687</i>	19.050 <i>0.750</i>	800	1120	14300	26000	Steel	None	Open
# NRSO-12.70x17.46x19.05-FC	12.700 <i>0.500</i>	17.462 <i>0.687</i>	19.050 <i>0.750</i>	1480	2715	14300	5500	None	None	Open
# NRSC-12.70x17.46x19.05-FC	12.700 <i>0.500</i>	17.462 <i>0.687</i>	19.050 <i>0.750</i>	1480	2715	3025	5500	None	None	Closed End

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Bearings - Needle Roller - Shell Type

Part Number	Shaft Diameter (d) mm <i>inches</i>	OD (D) mm <i>inches</i>	Width (B) mm <i>inches</i>	Dynamic Load Kgf	Basic Static Load Rating Kgf	Limiting Speed Grease RPM	Limiting Speed Oil RPM	Cage Type	Seals	Type
# NRSC-12.70x19.05x11.13-ST	12.700 <i>0.500</i>	19.050 <i>0.750</i>	11.130 <i>0.438</i>	580	620	14850	27000	Steel	None	Closed End
# NRSO-12.70x19.05x11.13-ST	12.700 <i>0.500</i>	19.050 <i>0.750</i>	11.130 <i>0.438</i>	580	620	14850	27000	Steel	None	Open
# NRSC-12.70x19.05x12.70-ST	12.700 <i>0.500</i>	19.050 <i>0.750</i>	12.700 <i>0.500</i>	620	680	14850	27000	Steel	None	Closed End
# NRSO-12.70x19.05x12.70-ST	12.700 <i>0.500</i>	19.050 <i>0.750</i>	12.700 <i>0.500</i>	620	680	14850	27000	Steel	None	Open
# NRSC-12.70x19.05x15.88-ST	12.700 <i>0.500</i>	19.050 <i>0.750</i>	15.880 <i>0.625</i>	900	1110	14850	27000	Steel	None	Closed End
# NRSO-12.70x19.05x15.88-ST	12.700 <i>0.500</i>	19.050 <i>0.750</i>	15.880 <i>0.625</i>	900	1110	14850	27000	Steel	None	Open
# NRSO-12.70x19.05x19.05-ST	12.700 <i>0.500</i>	19.050 <i>0.750</i>	19.050 <i>0.750</i>	1130	1480	14850	27000	Steel	None	Open
# NRSC-12.70x19.05x19.05-ST	12.700 <i>0.500</i>	19.050 <i>0.750</i>	19.050 <i>0.750</i>	1130	1480	14850	27000	Steel	None	Closed End
# NRSC-13.00x19.00x12.00-ST	13.000 <i>0.512</i>	19.000 <i>0.748</i>	12.000 <i>0.472</i>	690	830	11000	18000	Steel	None	Closed End
# NRSO-13.00x19.00x12.00-ST	13.000 <i>0.512</i>	19.000 <i>0.748</i>	12.000 <i>0.472</i>	680	850	11000	18000	Steel	None	Open

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Bearings - Needle Roller - Shell Type

Part Number	Shaft Diameter (d) mm <i>inches</i>	OD (D) mm <i>inches</i>	Width (B) mm <i>inches</i>	Dynamic Load Kgf	Basic Static Load Rating Kgf	Limiting Speed Grease RPM	Limiting Speed Oil RPM	Cage Type	Seals	Type
# NRSO-14.00x20.00x12.00-ST	14.000 <i>0.551</i>	20.000 <i>0.787</i>	12.000 <i>0.472</i>	680	850	10000	17000	Steel	None	Open
# NRSC-14.00x20.00x12.00-ST	14.000 <i>0.551</i>	20.000 <i>0.787</i>	12.000 <i>0.472</i>	720	900	10000	17000	Steel	None	Closed End
# NRSO-14.00x20.00x14.00-ST-RS	14.000 <i>0.551</i>	20.000 <i>0.787</i>	14.000 <i>0.551</i>	680	850	11000		Steel	Nitrile 1 side	Open
# NRSO-14.00x20.00x16.00-ST-2RS	14.000 <i>0.551</i>	20.000 <i>0.787</i>	16.000 <i>0.630</i>	680	850	11000		Steel	Nitrile 2 sides	Open
# NRSC-14.00x20.00x16.00-ST	14.000 <i>0.551</i>	20.000 <i>0.787</i>	16.000 <i>0.630</i>	910	1220	10000	17000	Steel	None	Closed End
NRSO-14.00x20.00x16.00-ST	14.000 <i>0.551</i>	20.000 <i>0.787</i>	16.000 <i>0.630</i>	910	1220	10000	17000	Steel	None	Open
# NRSC-14.00x22.00x16.00-ST	14.000 <i>0.551</i>	22.000 <i>0.866</i>	16.000 <i>0.630</i>	1070	1230			Steel	None	Closed End
NRSO-14.00x22.00x16.00-ST	14.000 <i>0.551</i>	22.000 <i>0.866</i>	16.000 <i>0.630</i>	1070	1230			Steel	None	Open
# NRSC-14.00x22.00x20.00-ST	14.000 <i>0.551</i>	22.000 <i>0.866</i>	20.000 <i>0.787</i>	1410	1760			Steel	None	Closed End
# NRSO-14.00x22.00x20.00-ST	14.000 <i>0.551</i>	22.000 <i>0.866</i>	20.000 <i>0.787</i>	1410	1760			Steel	None	Open

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Bearings - Needle Roller - Shell Type

Part Number	Shaft Diameter (d) mm <i>inches</i>	OD (D) mm <i>inches</i>	Width (B) mm <i>inches</i>	Dynamic Load Kgf	Basic Static Load Rating Kgf	Limiting Speed Grease RPM	Limiting Speed Oil RPM	Cage Type	Seals	Type
# NRSO-14.29x19.05x07.92-ST	14.288 <i>0.563</i>	19.050 <i>0.750</i>	7.920 <i>0.312</i>	280	300	12650	23000	Steel	None	Open
# NRSO-14.29x19.05x07.92-FC	14.288 <i>0.563</i>	19.050 <i>0.750</i>	7.920 <i>0.312</i>	563	808	12650	5000	None	None	Open
# NRSC-14.29x19.05x07.92-FC	14.288 <i>0.563</i>	19.050 <i>0.750</i>	7.920 <i>0.312</i>	563	808	2750	5000	None	None	Closed End
# NRSC-14.29x19.05x07.92-ST	14.288 <i>0.563</i>	19.050 <i>0.750</i>	7.920 <i>0.312</i>	280	300	12650	23000	Steel	None	Closed End
# NRSO-14.29x19.05x09.52-FC	14.288 <i>0.563</i>	19.050 <i>0.750</i>	9.520 <i>0.375</i>	726	1126	12650	5000	None	None	Open
# NRSC-14.29x19.05x09.52-ST	14.288 <i>0.563</i>	19.050 <i>0.750</i>	9.520 <i>0.375</i>	390	460	12650	23000	Steel	None	Closed End
# NRSC-14.29x19.05x09.52-FC	14.288 <i>0.563</i>	19.050 <i>0.750</i>	9.520 <i>0.375</i>	726	1126	2750	5000	None	None	Closed End
# NRSO-14.29x19.05x09.52-ST	14.288 <i>0.563</i>	19.050 <i>0.750</i>	9.520 <i>0.375</i>	390	460	12650	23000	Steel	None	Open
# NRSC-14.29x19.05x11.13-ST	14.288 <i>0.563</i>	19.050 <i>0.750</i>	11.130 <i>0.438</i>	500	630	12650	23000	Steel	None	Closed End
# NRSC-14.29x19.05x11.13-FC	14.288 <i>0.563</i>	19.050 <i>0.750</i>	11.130 <i>0.438</i>	885	1448	2750	5000	None	None	Closed End

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Bearings - Needle Roller - Shell Type

Part Number	Shaft Diameter (d) mm <i>inches</i>	OD (D) mm <i>inches</i>	Width (B) mm <i>inches</i>	Dynamic Load Kgf	Basic Static Load Rating Kgf	Limiting Speed Grease RPM	Limiting Speed Oil RPM	Cage Type	Seals	Type
# NRSO-14.29x19.05x11.13-FC	14.288 <i>0.563</i>	19.050 <i>0.750</i>	11.130 <i>0.438</i>	885	1448	12650	5000	None	None	Open
# NRSO-14.29x19.05x11.13-ST	14.288 <i>0.563</i>	19.050 <i>0.750</i>	11.130 <i>0.438</i>	500	630	12650	23000	Steel	None	Open
# NRSC-14.29x19.05x12.70-FC	14.288 <i>0.563</i>	19.050 <i>0.750</i>	12.700 <i>0.500</i>	1035	1771	2750	5000	None	None	Closed End
# NRSC-14.29x19.05x12.70-ST	14.288 <i>0.563</i>	19.050 <i>0.750</i>	12.700 <i>0.500</i>	530	690	12650	23000	Steel	None	Closed End
# NRSO-14.29x19.05x12.70-ST	14.288 <i>0.563</i>	19.050 <i>0.750</i>	12.700 <i>0.500</i>	530	690	12650	23000	Steel	None	Open
# NRSO-14.29x19.05x12.70-FC	14.288 <i>0.563</i>	19.050 <i>0.750</i>	12.700 <i>0.500</i>	1035	1771	12650	5000	None	None	Open
# NRSO-14.29x19.05x15.88-FC	14.288 <i>0.563</i>	19.050 <i>0.750</i>	15.880 <i>0.625</i>	1317	2411	12650	5000	None	None	Open
# NRSO-14.29x19.05x15.88-ST	14.288 <i>0.563</i>	19.050 <i>0.750</i>	15.880 <i>0.625</i>	720	1010	12650	23000	Steel	None	Open
# NRSC-14.29x19.05x15.88-ST	14.288 <i>0.563</i>	19.050 <i>0.750</i>	15.880 <i>0.625</i>	720	1010	12650	23000	Steel	None	Closed End
# NRSC-14.29x19.05x15.88-FC	14.288 <i>0.563</i>	19.050 <i>0.750</i>	15.880 <i>0.625</i>	1317	2411	2750	5000	None	None	Closed End

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Bearings - Needle Roller - Shell Type

Part Number	Shaft Diameter (d) mm <i>inches</i>	OD (D) mm <i>inches</i>	Width (B) mm <i>inches</i>	Dynamic Load Kgf	Basic Static Load Rating Kgf	Limiting Speed Grease RPM	Limiting Speed Oil RPM	Cage Type	Seals	Type
# NRSO-14.29x19.05x19.05-ST	14.288 <i>0.563</i>	19.050 <i>0.750</i>	19.050 <i>0.750</i>	890	1320	12650	23000	Steel	None	Open
# NRSO-14.29x19.05x19.05-FC	14.288 <i>0.563</i>	19.050 <i>0.750</i>	19.050 <i>0.750</i>	1580	3055	12650	5000	None	None	Open
# NRSC-14.29x19.05x19.05-FC	14.288 <i>0.563</i>	19.050 <i>0.750</i>	19.050 <i>0.750</i>	1580	3055	2750	5000	None	None	Closed End
# NRSC-14.29x19.05x19.05-ST	14.288 <i>0.563</i>	19.050 <i>0.750</i>	19.050 <i>0.750</i>	890	1320	12650	23000	Steel	None	Closed End
# NRSC-14.29x20.64x12.70-ST	14.288 <i>0.563</i>	20.638 <i>0.813</i>	12.700 <i>0.500</i>	650	750	13200	24000	Steel	None	Closed End
NRSO-14.29x20.64x12.70-ST	14.288 <i>0.563</i>	20.638 <i>0.813</i>	12.700 <i>0.500</i>	650	750	13200	24000	Steel	None	Open
# NRSO-14.29x20.64x15.88-ST	14.288 <i>0.563</i>	20.638 <i>0.813</i>	15.880 <i>0.625</i>	950	1210	13200	24000	Steel	None	Open
# NRSC-14.29x20.64x15.88-ST	14.288 <i>0.563</i>	20.638 <i>0.813</i>	15.880 <i>0.625</i>	950	1210	13200	24000	Steel	None	Closed End
# NRSC-14.29x20.64x19.05-ST	14.288 <i>0.563</i>	20.638 <i>0.813</i>	19.050 <i>0.750</i>	1190	1620	13200	24000	Steel	None	Closed End
# NRSO-14.29x20.64x19.05-ST	14.288 <i>0.563</i>	20.638 <i>0.813</i>	19.050 <i>0.750</i>	1190	1620	13200	24000	Steel	None	Open

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Bearings - Needle Roller - Shell Type

Part Number	Shaft Diameter (d) mm <i>inches</i>	OD (D) mm <i>inches</i>	Width (B) mm <i>inches</i>	Dynamic Load Kgf	Basic Static Load Rating Kgf	Limiting Speed Grease RPM	Limiting Speed Oil RPM	Cage Type	Seals	Type
# NRSO-14.29x19.05x14.27-ST-RS	14.290 <i>0.563</i>	19.050 <i>0.750</i>	14.270 <i>0.562</i>	558	785	7700	14000	Steel	Nitrile 1 side	Open
# NRSO-14.29x19.05x15.88-ST-2RS	14.290 <i>0.563</i>	19.050 <i>0.750</i>	15.880 <i>0.625</i>	558	785	7700	14000	Steel	Nitrile 2 sides	Open
# NRSO-14.29x19.05x19.05-ST-2RS	14.290 <i>0.563</i>	19.050 <i>0.750</i>	19.050 <i>0.750</i>	740	1130	7700	14000	Steel	Nitrile 2 sides	Open
# NRSC-15.00x21.00x12.00-ST	15.000 <i>0.591</i>	21.000 <i>0.827</i>	12.000 <i>0.472</i>	750	970	9500	16000	Steel	None	Closed End
# NRSO-15.00x21.00x12.00-ST	15.000 <i>0.591</i>	21.000 <i>0.827</i>	12.000 <i>0.472</i>	750	980	9500	16000	Steel	None	Open
# NRSO-15.00x21.00x14.00-ST-RS	15.000 <i>0.591</i>	21.000 <i>0.827</i>	14.000 <i>0.551</i>	750	980	11000		Steel	Nitrile 1 side	Open
NRSO-15.00x21.00x16.00-ST	15.000 <i>0.591</i>	21.000 <i>0.827</i>	16.000 <i>0.630</i>	1020	1460	9500	16000	Steel	None	Drawn Cup
# NRSO-15.00x21.00x16.00-ST-2RS	15.000 <i>0.591</i>	21.000 <i>0.827</i>	16.000 <i>0.630</i>	750	980	11000		Steel	Nitrile 2 sides	Open
# NRSC-15.00x21.00x16.00-ST	15.000 <i>0.591</i>	21.000 <i>0.827</i>	16.000 <i>0.630</i>	950	1310	9500	16000	Steel	None	Closed End
# NRSC-15.00x21.00x22.00-ST	15.000 <i>0.591</i>	21.000 <i>0.827</i>	22.000 <i>0.866</i>	1390	2130	9500	16000	Steel	None	Closed End

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Bearings - Needle Roller - Shell Type

Part Number	Shaft Diameter (d) mm <i>inches</i>	OD (D) mm <i>inches</i>	Width (B) mm <i>inches</i>	Dynamic Load Kgf	Basic Static Load Rating Kgf	Limiting Speed Grease RPM	Limiting Speed Oil RPM	Cage Type	Seals	Type
# NRSO-15.00x21.00x22.00-ST	15.000 <i>0.591</i>	21.000 <i>0.827</i>	22.000 <i>0.866</i>	1290	1960	9500	16000	Steel	None	Open
# NRSO-15.00x22.00x10.00-ST	15.000 <i>0.591</i>	22.000 <i>0.866</i>	10.000 <i>0.394</i>	540	580			Steel	None	Open
# NRSC-15.00x22.00x10.00-ST	15.000 <i>0.591</i>	22.000 <i>0.866</i>	10.000 <i>0.394</i>	540	580			Steel	None	Closed End
# NRSC-15.00x22.00x12.00-ST	15.000 <i>0.591</i>	22.000 <i>0.866</i>	12.000 <i>0.472</i>	730	850			Steel	None	Closed End
# NRSO-15.00x22.00x12.00-ST	15.000 <i>0.591</i>	22.000 <i>0.866</i>	12.000 <i>0.472</i>	730	850			Steel	None	Open
# NRSC-15.00x22.00x15.00-ST	15.000 <i>0.591</i>	22.000 <i>0.866</i>	15.000 <i>0.591</i>	900	1120			Steel	None	Closed End
# NRSO-15.00x22.00x15.00-ST	15.000 <i>0.591</i>	22.000 <i>0.866</i>	15.000 <i>0.591</i>	900	1120			Steel	None	Open
# NRSO-15.00x22.00x20.00-ST	15.000 <i>0.591</i>	22.000 <i>0.866</i>	20.000 <i>0.787</i>	1300	1790			Steel	None	Open
# NRSC-15.00x22.00x20.00-ST	15.000 <i>0.591</i>	22.000 <i>0.866</i>	20.000 <i>0.787</i>	1300	1790			Steel	None	Closed End
# NRSO-15.00x22.00x25.00-ST	15.000 <i>0.591</i>	22.000 <i>0.866</i>	25.000 <i>0.984</i>	1660	2460			Steel	None	Open

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Bearings - Needle Roller - Shell Type

Part Number	Shaft Diameter (d) mm <i>inches</i>	OD (D) mm <i>inches</i>	Width (B) mm <i>inches</i>	Dynamic Load Kgf	Basic Static Load Rating Kgf	Limiting Speed Grease RPM	Limiting Speed Oil RPM	Cage Type	Seals	Type
# NRSC-15.00x22.00x25.00-ST	15.000 <i>0.591</i>	22.000 <i>0.866</i>	25.000 <i>0.984</i>	1660	2460			Steel	None	Closed End
# NRSO-15.88x20.64x07.92-FC	15.875 <i>0.625</i>	20.638 <i>0.813</i>	7.920 <i>0.312</i>	595	899	11550	4500	None	None	Open
# NRSC-15.88x20.64x07.92-FC	15.875 <i>0.625</i>	20.638 <i>0.813</i>	7.920 <i>0.312</i>	595	899	2475	4500	None	None	Closed End
# NRSC-15.88x20.64x07.92-ST	15.875 <i>0.625</i>	20.638 <i>0.813</i>	7.920 <i>0.312</i>	290	330	11550	21000	Steel	None	Closed End
# NRSO-15.88x20.64x07.92-ST	15.875 <i>0.625</i>	20.638 <i>0.813</i>	7.920 <i>0.312</i>	290	330	11550	21000	Steel	None	Open
# NRSO-15.88x20.64x11.13-ST	15.875 <i>0.625</i>	20.638 <i>0.813</i>	11.130 <i>0.438</i>	510	680	11550	21000	Steel	None	Open
# NRSO-15.88x20.64x11.13-FC	15.875 <i>0.625</i>	20.638 <i>0.813</i>	11.130 <i>0.438</i>	940	1612	11550	4500	None	None	Open
# NRSC-15.88x20.64x11.13-FC	15.875 <i>0.625</i>	20.638 <i>0.813</i>	11.130 <i>0.438</i>	940	1612	2475	4500	None	None	Closed End
# NRSC-15.88x20.64x11.13-ST	15.875 <i>0.625</i>	20.638 <i>0.813</i>	11.130 <i>0.438</i>	510	680	11550	21000	Steel	None	Closed End
# NRSC-15.88x20.64x12.70-ST	15.875 <i>0.625</i>	20.638 <i>0.813</i>	12.700 <i>0.500</i>	550	740	11550	21000	Steel	None	Closed End

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Bearings - Needle Roller - Shell Type

Part Number	Shaft Diameter (d) mm <i>inches</i>	OD (D) mm <i>inches</i>	Width (B) mm <i>inches</i>	Dynamic Load Kgf	Basic Static Load Rating Kgf	Limiting Speed Grease RPM	Limiting Speed Oil RPM	Cage Type	Seals	Type
# NRSO-15.88x20.64x12.70-FC	15.875 <i>0.625</i>	20.638 <i>0.813</i>	12.700 <i>0.500</i>	1094	1966	11550	4500	None	None	Open
# NRSC-15.88x20.64x12.70-FC	15.875 <i>0.625</i>	20.638 <i>0.813</i>	12.700 <i>0.500</i>	1094	1966	2475	4500	None	None	Closed End
# NRSO-15.88x20.64x12.70-ST	15.875 <i>0.625</i>	20.638 <i>0.813</i>	12.700 <i>0.500</i>	550	740	11550	21000	Steel	None	Open
# NRSC-15.88x20.64x15.88-ST	15.875 <i>0.625</i>	20.638 <i>0.813</i>	15.880 <i>0.625</i>	750	1100	11550	21000	Steel	None	Closed End
# NRSO-15.88x20.64x15.88-ST	15.875 <i>0.625</i>	20.638 <i>0.813</i>	15.880 <i>0.625</i>	750	1100	11550	21000	Steel	None	Open
# NRSO-15.88x20.64x15.88-FC	15.875 <i>0.625</i>	20.638 <i>0.813</i>	15.880 <i>0.625</i>	1394	2679	11550	4500	None	None	Open
# NRSC-15.88x20.64x15.88-FC	15.875 <i>0.625</i>	20.638 <i>0.813</i>	15.880 <i>0.625</i>	1394	2679	2475	4500	None	None	Closed End
# NRSO-15.88x20.64x19.05-FC	15.875 <i>0.625</i>	20.638 <i>0.813</i>	19.050 <i>0.750</i>	1675	3396	11550	4500	None	None	Open
NRSO-15.88x20.64x19.05-ST	15.875 <i>0.625</i>	20.638 <i>0.813</i>	19.050 <i>0.750</i>	920	1430	11550	21000	Steel	None	Open
# NRSC-15.88x20.64x19.05-FC	15.875 <i>0.625</i>	20.638 <i>0.813</i>	19.050 <i>0.750</i>	1675	3396	2475	4500	None	None	Closed End

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Bearings - Needle Roller - Shell Type

Part Number	Shaft Diameter (d) mm <i>inches</i>	OD (D) mm <i>inches</i>	Width (B) mm <i>inches</i>	Dynamic Load Kgf	Basic Static Load Rating Kgf	Limiting Speed Grease RPM	Limiting Speed Oil RPM	Cage Type	Seals	Type
# NRSC-15.88x20.64x19.05-ST	15.875 <i>0.625</i>	20.638 <i>0.813</i>	19.050 <i>0.750</i>	920	1430	11550	21000	Steel	None	Closed End
# NRSC-15.88x20.64x22.22-ST	15.875 <i>0.625</i>	20.638 <i>0.813</i>	22.220 <i>0.875</i>	1090	1790	11550	21000	Steel	None	Closed End
# NRSO-15.88x20.64x22.22-ST	15.875 <i>0.625</i>	20.638 <i>0.813</i>	22.220 <i>0.875</i>	1090	1790	11550	21000	Steel	None	Open
# NRSO-15.88x20.64x25.40-ST	15.875 <i>0.625</i>	20.638 <i>0.813</i>	25.400 <i>1.000</i>	1250	2130	11550	21000	Steel	None	Open
# NRSC-15.88x20.64x25.40-ST	15.875 <i>0.625</i>	20.638 <i>0.813</i>	25.400 <i>1.000</i>	1250	2130	11550	21000	Steel	None	Closed End
# NRSO-15.88x22.23x12.70-ST	15.875 <i>0.625</i>	22.225 <i>0.875</i>	12.700 <i>0.500</i>	680	820	11550	21000	Steel	None	Open
# NRSC-15.88x22.23x12.70-ST	15.875 <i>0.625</i>	22.225 <i>0.875</i>	12.700 <i>0.500</i>	680	820	11550	21000	Steel	None	Closed End
# NRSC-15.88x22.23x15.88-ST	15.875 <i>0.625</i>	22.225 <i>0.875</i>	15.880 <i>0.625</i>	1040	1410	11550	21000	Steel	None	Closed End
NRSO-15.88x22.23x15.88-ST	15.875 <i>0.625</i>	22.225 <i>0.875</i>	15.880 <i>0.625</i>	1040	1410	11550	21000	Steel	None	Open
# NRSO-15.88x22.23x19.05-ST	15.875 <i>0.625</i>	22.225 <i>0.875</i>	19.050 <i>0.750</i>	1300	1880	11550	21000	Steel	None	Open

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Bearings - Needle Roller - Shell Type

Part Number	Shaft Diameter (d) mm <i>inches</i>	OD (D) mm <i>inches</i>	Width (B) mm <i>inches</i>	Dynamic Load Kgf	Basic Static Load Rating Kgf	Limiting Speed Grease RPM	Limiting Speed Oil RPM	Cage Type	Seals	Type
# NRSC-15.88x22.23x19.05-ST	15.875 <i>0.625</i>	22.225 <i>0.875</i>	19.050 <i>0.750</i>	1300	1880	11550	21000	Steel	None	Closed End
# NRSO-15.88x22.23x25.40-ST	15.875 <i>0.625</i>	22.225 <i>0.875</i>	25.400 <i>1.000</i>	1780	2820	11550	21000	Steel	None	Open
# NRSC-15.88x22.23x25.40-ST	15.875 <i>0.625</i>	22.225 <i>0.875</i>	25.400 <i>1.000</i>	1780	2820	11550	21000	Steel	None	Closed End
# NRSO-15.88x20.64x14.27-ST-RS	15.880 <i>0.625</i>	20.640 <i>0.813</i>	14.270 <i>0.562</i>	604	894	6600	12000	Steel	Nitrile 1 side	Open
# NRSO-15.88x20.64x15.88-ST-2RS	15.880 <i>0.625</i>	20.640 <i>0.813</i>	15.880 <i>0.625</i>	604	894	6600	12000	Steel	Nitrile 2 sides	Open
# NRSO-15.88x20.64x19.05-ST-2RS	15.880 <i>0.625</i>	20.640 <i>0.813</i>	19.050 <i>0.750</i>	799	1285	6600	12000	Steel	Nitrile 2 sides	Open
# NRSO-15.88x20.64x22.22-ST-2RS	15.880 <i>0.625</i>	20.640 <i>0.813</i>	22.220 <i>0.875</i>	1153	2075	6600	12000	Steel	Nitrile 2 sides	Open
# NRSC-16.00x22.00x12.00-ST	16.000 <i>0.630</i>	22.000 <i>0.866</i>	12.000 <i>0.472</i>	780	1040	9500	16000	Steel	None	Closed End
NRSO-16.00x22.00x12.00-ST	16.000 <i>0.630</i>	22.000 <i>0.866</i>	12.000 <i>0.472</i>	735	980	9500	16000	Steel	None	Drawn Cup
# NRSO-16.00x22.00x14.00-ST-RS	16.000 <i>0.630</i>	22.000 <i>0.866</i>	14.000 <i>0.551</i>	735	980	10000		Steel	Nitrile 1 side	Open

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Bearings - Needle Roller - Shell Type

Part Number	Shaft Diameter (d) mm <i>inches</i>	OD (D) mm <i>inches</i>	Width (B) mm <i>inches</i>	Dynamic Load Kgf	Basic Static Load Rating Kgf	Limiting Speed Grease RPM	Limiting Speed Oil RPM	Cage Type	Seals	Type
# NRSC-16.00x22.00x16.00-ST	16.000 <i>0.630</i>	22.000 <i>0.866</i>	16.000 <i>0.630</i>	990	1400	9500	16000	Steel	None	Closed End
# NRSO-16.00x22.00x16.00-ST-2RS	16.000 <i>0.630</i>	22.000 <i>0.866</i>	16.000 <i>0.630</i>	735	980	10000		Steel	Nitrile 2 sides	Open
# NRSO-16.00x22.00x16.00-ST	16.000 <i>0.630</i>	22.000 <i>0.866</i>	16.000 <i>0.630</i>	1020	1500	9500	16000	Steel	None	Open
# NRSC-16.00x22.00x22.00-ST	16.000 <i>0.630</i>	22.000 <i>0.866</i>	22.000 <i>0.866</i>	1440	2280	9500	16000	Steel	None	Closed End
# NRSO-16.00x22.00x22.00-ST	16.000 <i>0.630</i>	22.000 <i>0.866</i>	22.000 <i>0.866</i>	1270	1960	9500	16000	Steel	None	Open
# NRSC-16.00x24.00x16.00-ST	16.000 <i>0.630</i>	24.000 <i>0.945</i>	16.000 <i>0.630</i>	1130	1350			Steel	None	Closed End
NRSO-16.00x24.00x16.00-ST	16.000 <i>0.630</i>	24.000 <i>0.945</i>	16.000 <i>0.630</i>	1130	1350			Steel	None	Open
# NRSO-16.00x24.00x20.00-ST	16.000 <i>0.630</i>	24.000 <i>0.945</i>	20.000 <i>0.787</i>	1490	1940			Steel	None	Open
# NRSC-16.00x24.00x20.00-ST	16.000 <i>0.630</i>	24.000 <i>0.945</i>	20.000 <i>0.787</i>	1490	1940			Steel	None	Closed End
# NRSO-17.00x23.00x12.00-ST	17.000 <i>0.669</i>	23.000 <i>0.906</i>	12.000 <i>0.472</i>	765	1060	9000	15000	Steel	None	Open

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Bearings - Needle Roller - Shell Type

Part Number	Shaft Diameter (d) mm <i>inches</i>	OD (D) mm <i>inches</i>	Width (B) mm <i>inches</i>	Dynamic Load Kgf	Basic Static Load Rating Kgf	Limiting Speed Grease RPM	Limiting Speed Oil RPM	Cage Type	Seals	Type
# NRSC-17.00x23.00x12.00-ST	17.000 <i>0.669</i>	23.000 <i>0.906</i>	12.000 <i>0.472</i>	810	1110	9000	15000	Steel	None	Closed End
# NRSO-17.00x24.00x15.00-FC	17.000 <i>0.669</i>	24.000 <i>0.945</i>	15.000 <i>0.591</i>	1700	2650			None	None	Open
# NRSC-17.00x24.00x15.00-ST	17.000 <i>0.669</i>	24.000 <i>0.945</i>	15.000 <i>0.591</i>	980	1300			Steel	None	Closed End
# NRSO-17.00x24.00x15.00-ST	17.000 <i>0.669</i>	24.000 <i>0.945</i>	15.000 <i>0.591</i>	980	1300			Steel	None	Open
# NRSO-17.00x24.00x20.00-ST	17.000 <i>0.669</i>	24.000 <i>0.945</i>	20.000 <i>0.787</i>	1420	2080			Steel	None	Open
# NRSC-17.00x24.00x20.00-ST	17.000 <i>0.669</i>	24.000 <i>0.945</i>	20.000 <i>0.787</i>	1420	2080			Steel	None	Closed End
# NRSC-17.00x24.00x25.00-ST	17.000 <i>0.669</i>	24.000 <i>0.945</i>	25.000 <i>0.984</i>	1820	2870			Steel	None	Closed End
# NRSO-17.00x24.00x25.00-ST	17.000 <i>0.669</i>	24.000 <i>0.945</i>	25.000 <i>0.984</i>	1820	2870			Steel	None	Open
# NRSO-17.00x24.00x25.00-FC	17.000 <i>0.669</i>	24.000 <i>0.945</i>	25.000 <i>0.984</i>	2780	5000			None	None	Open
# NRSO-17.46x22.22x22.22-ST-2RS	17.460 <i>0.687</i>	22.220 <i>0.875</i>	22.220 <i>0.875</i>	1135	2093	6050	11000	Steel	Nitrile 2 sides	Open

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Bearings - Needle Roller - Shell Type

Part Number	Shaft Diameter (d) mm <i>inches</i>	OD (D) mm <i>inches</i>	Width (B) mm <i>inches</i>	Dynamic Load Kgf	Basic Static Load Rating Kgf	Limiting Speed Grease RPM	Limiting Speed Oil RPM	Cage Type	Seals	Type
NRSO-17.46x22.23x09.52-ST	17.462 <i>0.687</i>	22.225 <i>0.875</i>	9.520 <i>0.375</i>	460	610	10450	19000	Steel	None	Open
# NRSO-17.46x22.23x09.52-FC	17.462 <i>0.687</i>	22.225 <i>0.875</i>	9.520 <i>0.375</i>	813	1376	10450	4200	None	None	Open
# NRSC-17.46x22.23x09.52-ST	17.462 <i>0.687</i>	22.225 <i>0.875</i>	9.520 <i>0.375</i>	460	610	10450	19000	Steel	None	Closed End
# NRSC-17.46x22.23x09.52-FC	17.462 <i>0.687</i>	22.225 <i>0.875</i>	9.520 <i>0.375</i>	813	1376	2310	4200	None	None	Closed End
# NRSO-17.46x22.23x12.70-FC	17.462 <i>0.687</i>	22.225 <i>0.875</i>	12.700 <i>0.500</i>	1153	2166	10450	4200	None	None	Open
# NRSC-17.46x22.23x12.70-ST	17.462 <i>0.687</i>	22.225 <i>0.875</i>	12.700 <i>0.500</i>	630	900	10450	19000	Steel	None	Closed End
# NRSC-17.46x22.23x12.70-FC	17.462 <i>0.687</i>	22.225 <i>0.875</i>	12.700 <i>0.500</i>	1153	2166	2310	4200	None	None	Closed End
# NRSO-17.46x22.23x12.70-ST	17.462 <i>0.687</i>	22.225 <i>0.875</i>	12.700 <i>0.500</i>	630	900	10450	19000	Steel	None	Open
# NRSO-17.46x22.23x15.88-FC	17.462 <i>0.687</i>	22.225 <i>0.875</i>	15.880 <i>0.625</i>	1466	2951	10450	4200	None	None	Open
# NRSO-17.46x22.23x15.88-ST	17.462 <i>0.687</i>	22.225 <i>0.875</i>	15.880 <i>0.625</i>	840	1330	10450	19000	Steel	None	Open

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Bearings - Needle Roller - Shell Type

Part Number	Shaft Diameter (d) mm <i>inches</i>	OD (D) mm <i>inches</i>	Width (B) mm <i>inches</i>	Dynamic Load Kgf	Basic Static Load Rating Kgf	Limiting Speed Grease RPM	Limiting Speed Oil RPM	Cage Type	Seals	Type
# NRSC-17.46x22.23x15.88-ST	17.462 <i>0.687</i>	22.225 <i>0.875</i>	15.880 <i>0.625</i>	840	1330	10450	19000	Steel	None	Closed End
# NRSC-17.46x22.23x15.88-FC	17.462 <i>0.687</i>	22.225 <i>0.875</i>	15.880 <i>0.625</i>	1466	2951	2310	4200	None	None	Closed End
# NRSC-17.46x22.23x19.05-FC	17.462 <i>0.687</i>	22.225 <i>0.875</i>	19.050 <i>0.750</i>	1762	3736	9900	4200	None	None	Open
# NRSC-17.46x22.23x19.05-ST	17.462 <i>0.687</i>	22.225 <i>0.875</i>	19.050 <i>0.750</i>	1040	1740	9900	18000	Steel	None	Open
# NRSC-17.46x22.23x19.05-ST	17.462 <i>0.687</i>	22.225 <i>0.875</i>	19.050 <i>0.750</i>	1040	1740	9900	18000	Steel	None	Closed End
# NRSC-17.46x22.23x19.05-FC	17.462 <i>0.687</i>	22.225 <i>0.875</i>	19.050 <i>0.750</i>	1762	3736	2310	4200	None	None	Closed End
# NRSC-17.46x23.81x11.13-ST	17.462 <i>0.687</i>	23.812 <i>0.937</i>	11.130 <i>0.438</i>	700	870	10450	19000	Steel	None	Closed End
# NRSC-17.46x23.81x11.13-ST	17.462 <i>0.687</i>	23.812 <i>0.937</i>	11.130 <i>0.438</i>	700	870	10450	19000	Steel	None	Open
# NRSC-17.46x23.81x12.70-ST	17.462 <i>0.687</i>	23.812 <i>0.937</i>	12.700 <i>0.500</i>	750	940	10450	19000	Steel	None	Open
# NRSC-17.46x23.81x12.70-ST	17.462 <i>0.687</i>	23.812 <i>0.937</i>	12.700 <i>0.500</i>	750	940	10450	19000	Steel	None	Closed End

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Bearings - Needle Roller - Shell Type

Part Number	Shaft Diameter (d) mm <i>inches</i>	OD (D) mm <i>inches</i>	Width (B) mm <i>inches</i>	Dynamic Load Kgf	Basic Static Load Rating Kgf	Limiting Speed Grease RPM	Limiting Speed Oil RPM	Cage Type	Seals	Type
# NRSC-17.46x23.81x15.88-ST	17.462 <i>0.687</i>	23.812 <i>0.937</i>	15.880 <i>0.625</i>	1080	1510	10450	19000	Steel	None	Closed End
# NRSO-17.46x23.81x15.88-ST	17.462 <i>0.687</i>	23.812 <i>0.937</i>	15.880 <i>0.625</i>	1080	1510	10450	19000	Steel	None	Open
# NRSC-17.46x23.81x19.05-ST	17.462 <i>0.687</i>	23.812 <i>0.937</i>	19.050 <i>0.750</i>	1350	2020	10450	19000	Steel	None	Closed End
# NRSO-17.46x23.81x19.05-ST	17.462 <i>0.687</i>	23.812 <i>0.937</i>	19.050 <i>0.750</i>	1350	2020	10450	19000	Steel	None	Open
NRSO-18.00x24.00x12.00-ST	18.000 <i>0.709</i>	24.000 <i>0.945</i>	12.000 <i>0.472</i>	800	1120	9000	15000	Steel	None	Open
# NRSC-18.00x24.00x12.00-ST	18.000 <i>0.709</i>	24.000 <i>0.945</i>	12.000 <i>0.472</i>	840	1180	9000	15000	Steel	None	Closed End
# NRSO-18.00x24.00x14.00-ST-RS	18.000 <i>0.709</i>	24.000 <i>0.945</i>	14.000 <i>0.551</i>	800	1120	9500		Steel	Nitrile 1 side	Open
# NRSO-18.00x24.00x16.00-ST	18.000 <i>0.709</i>	24.000 <i>0.945</i>	16.000 <i>0.630</i>	1100	1700	9000	15000	Steel	None	Open
# NRSC-18.00x24.00x16.00-ST	18.000 <i>0.709</i>	24.000 <i>0.945</i>	16.000 <i>0.630</i>	1060	1590	9000	15000	Steel	None	Closed End
# NRSO-18.00x24.00x16.00-ST-2RS	18.000 <i>0.709</i>	24.000 <i>0.945</i>	16.000 <i>0.630</i>	800	1120	9500		Steel	Nitrile 2 sides	Open

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Bearings - Needle Roller - Shell Type

Part Number	Shaft Diameter (d) mm <i>inches</i>	OD (D) mm <i>inches</i>	Width (B) mm <i>inches</i>	Dynamic Load Kgf	Basic Static Load Rating Kgf	Limiting Speed Grease RPM	Limiting Speed Oil RPM	Cage Type	Seals	Type
# NRSC-18.00x25.00x13.00-ST	18.000 <i>0.709</i>	25.000 <i>0.984</i>	13.000 <i>0.512</i>	930	1220			Steel	None	Closed End
# NRSO-18.00x25.00x13.00-ST	18.000 <i>0.709</i>	25.000 <i>0.984</i>	13.000 <i>0.512</i>	930	1220			Steel	None	Open
# NRSO-18.00x25.00x15.00-ST	18.000 <i>0.709</i>	25.000 <i>0.984</i>	15.000 <i>0.591</i>	1020	1390			Steel	None	Open
# NRSC-18.00x25.00x15.00-ST	18.000 <i>0.709</i>	25.000 <i>0.984</i>	15.000 <i>0.591</i>	1020	1390			Steel	None	Closed End
# NRSO-18.00x25.00x17.00-ST	18.000 <i>0.709</i>	25.000 <i>0.984</i>	17.000 <i>0.669</i>	1210	1720			Steel	None	Open
# NRSC-18.00x25.00x17.00-ST	18.000 <i>0.709</i>	25.000 <i>0.984</i>	17.000 <i>0.669</i>	1210	1720			Steel	None	Closed End
# NRSC-18.00x25.00x19.00-ST	18.000 <i>0.709</i>	25.000 <i>0.984</i>	19.000 <i>0.748</i>	1390	2060			Steel	None	Closed End
# NRSO-18.00x25.00x19.00-ST	18.000 <i>0.709</i>	25.000 <i>0.984</i>	19.000 <i>0.748</i>	1390	2060			Steel	None	Open
# NRSO-18.00x25.00x20.00-ST	18.000 <i>0.709</i>	25.000 <i>0.984</i>	20.000 <i>0.787</i>	1480	2220			Steel	None	Open
# NRSC-18.00x25.00x20.00-ST	18.000 <i>0.709</i>	25.000 <i>0.984</i>	20.000 <i>0.787</i>	1480	2220			Steel	None	Closed End

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Bearings - Needle Roller - Shell Type

Part Number	Shaft Diameter (d) mm <i>inches</i>	OD (D) mm <i>inches</i>	Width (B) mm <i>inches</i>	Dynamic Load Kgf	Basic Static Load Rating Kgf	Limiting Speed Grease RPM	Limiting Speed Oil RPM	Cage Type	Seals	Type
# NRSC-18.00x25.00x25.00-ST	18.000 <i>0.709</i>	25.000 <i>0.984</i>	25.000 <i>0.984</i>	1900	3060			Steel	None	Closed End
# NRSO-18.00x25.00x25.00-ST	18.000 <i>0.709</i>	25.000 <i>0.984</i>	25.000 <i>0.984</i>	1900	3060			Steel	None	Open
# NRSC-19.00x27.00x16.00-ST	19.000 <i>0.748</i>	27.000 <i>1.063</i>	16.000 <i>0.630</i>	1240	1600			Steel	None	Closed End
# NRSO-19.00x27.00x16.00-ST	19.000 <i>0.748</i>	27.000 <i>1.063</i>	16.000 <i>0.630</i>	1240	1600			Steel	None	Open
# NRSO-19.00x27.00x20.00-ST	19.000 <i>0.748</i>	27.000 <i>1.063</i>	20.000 <i>0.787</i>	1650	2300			Steel	None	Open
# NRSC-19.00x27.00x20.00-ST	19.000 <i>0.748</i>	27.000 <i>1.063</i>	20.000 <i>0.787</i>	1650	2300			Steel	None	Closed End
NRSO-19.05x25.40x09.52-ST	19.050 <i>0.750</i>	25.400 <i>1.000</i>	9.520 <i>0.375</i>	510	600	9900	18000	Steel	None	Open
# NRSO-19.05x25.40x09.52-FC	19.050 <i>0.750</i>	25.400 <i>1.000</i>	9.520 <i>0.375</i>	953	1317	9900	5500	None	None	Open
# NRSC-19.05x25.40x09.52-ST	19.050 <i>0.750</i>	25.400 <i>1.000</i>	9.520 <i>0.375</i>	510	600	9900	18000	Steel	None	Closed End
# NRSC-19.05x25.40x09.52-FC	19.050 <i>0.750</i>	25.400 <i>1.000</i>	9.520 <i>0.375</i>	953	1317	3025	5500	None	None	Closed End

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Bearings - Needle Roller - Shell Type

Part Number	Shaft Diameter (d) mm <i>inches</i>	OD (D) mm <i>inches</i>	Width (B) mm <i>inches</i>	Dynamic Load Kgf	Basic Static Load Rating Kgf	Limiting Speed Grease RPM	Limiting Speed Oil RPM	Cage Type	Seals	Type
# NRSC-19.05x25.40x12.70-ST	19.050 <i>0.750</i>	25.400 <i>1.000</i>	12.700 <i>0.500</i>	700	890	9900	18000	Steel	None	Closed End
# NRSC-19.05x25.40x12.70-FC	19.050 <i>0.750</i>	25.400 <i>1.000</i>	12.700 <i>0.500</i>	1407	2175	3025	5500	None	None	Closed End
# NRSO-19.05x25.40x12.70-FC	19.050 <i>0.750</i>	25.400 <i>1.000</i>	12.700 <i>0.500</i>	1407	2175	9900	5500	None	None	Open
# NRSO-19.05x25.40x12.70-ST	19.050 <i>0.750</i>	25.400 <i>1.000</i>	12.700 <i>0.500</i>	700	890	9900	18000	Steel	None	Open
# NRSO-19.05x25.40x14.27-ST-RS	19.050 <i>0.750</i>	25.400 <i>1.000</i>	14.270 <i>0.562</i>	926	1253	5500	10000	Steel	Nitrile 1 side	Open
NRSO-19.05x25.40x15.88-ST	19.050 <i>0.750</i>	25.400 <i>1.000</i>	15.880 <i>0.625</i>	970	1350	9900	18000	Steel	None	Open
# NRSO-19.05x25.40x15.88-ST-2RS	19.050 <i>0.750</i>	25.400 <i>1.000</i>	15.880 <i>0.625</i>	926	1253	5500	10000	Steel	Nitrile 2 sides	Open
# NRSC-19.05x25.40x15.88-ST	19.050 <i>0.750</i>	25.400 <i>1.000</i>	15.880 <i>0.625</i>	970	1350	9900	18000	Steel	None	Closed End
# NRSC-19.05x25.40x15.88-FC	19.050 <i>0.750</i>	25.400 <i>1.000</i>	15.880 <i>0.625</i>	1821	3028	3025	5500	None	None	Closed End
# NRSO-19.05x25.40x15.88-FC	19.050 <i>0.750</i>	25.400 <i>1.000</i>	15.880 <i>0.625</i>	1821	3028	9900	5500	None	None	Open

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Bearings - Needle Roller - Shell Type

Part Number	Shaft Diameter (d) mm <i>inches</i>	OD (D) mm <i>inches</i>	Width (B) mm <i>inches</i>	Dynamic Load Kgf	Basic Static Load Rating Kgf	Limiting Speed Grease RPM	Limiting Speed Oil RPM	Cage Type	Seals	Type
# NRSO-19.05x25.40x17.48-ST-RS	19.050 <i>0.750</i>	25.400 <i>1.000</i>	17.480 <i>0.688</i>	1162	1675	5500	10000	Steel	Nitrile 1 side	Open
# NRSO-19.05x25.40x19.05-FC	19.050 <i>0.750</i>	25.400 <i>1.000</i>	19.050 <i>0.750</i>	2211	3886	9900	5500	None	None	Open
# NRSC-19.05x25.40x19.05-ST	19.050 <i>0.750</i>	25.400 <i>1.000</i>	19.050 <i>0.750</i>	1220	1800	9900	18000	Steel	None	Closed End
# NRSO-19.05x25.40x19.05-ST	19.050 <i>0.750</i>	25.400 <i>1.000</i>	19.050 <i>0.750</i>	1220	1800	9900	18000	Steel	None	Open
# NRSC-19.05x25.40x19.05-FC	19.050 <i>0.750</i>	25.400 <i>1.000</i>	19.050 <i>0.750</i>	2211	3886	3025	5500	None	None	Closed End
# NRSO-19.05x25.40x20.62-ST-RS	19.050 <i>0.750</i>	25.400 <i>1.000</i>	20.620 <i>0.812</i>	1444	2216	5500	10000	Steel	Nitrile 1 side	Open
# NRSC-19.05x25.40x22.22-ST	19.050 <i>0.750</i>	25.400 <i>1.000</i>	22.220 <i>0.875</i>	1450	2260	9900	18000	Steel	None	Closed End
# NRSO-19.05x25.40x22.22-ST	19.050 <i>0.750</i>	25.400 <i>1.000</i>	22.220 <i>0.875</i>	1450	2260	9900	18000	Steel	None	Open
# NRSO-19.05x25.40x22.22-ST-2RS	19.050 <i>0.750</i>	25.400 <i>1.000</i>	22.220 <i>0.875</i>	1444	2216	5500	10000	Steel	Nitrile 2 sides	Open
# NRSC-19.05x25.40x25.40-ST	19.050 <i>0.750</i>	25.400 <i>1.000</i>	25.400 <i>1.000</i>	1660	2700	9900	18000	Steel	None	Closed End

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Bearings - Needle Roller - Shell Type

Part Number	Shaft Diameter (d) mm <i>inches</i>	OD (D) mm <i>inches</i>	Width (B) mm <i>inches</i>	Dynamic Load Kgf	Basic Static Load Rating Kgf	Limiting Speed Grease RPM	Limiting Speed Oil RPM	Cage Type	Seals	Type
# NRSO-19.05x25.40x25.40-ST	19.050 <i>0.750</i>	25.400 <i>1.000</i>	25.400 <i>1.000</i>	1660	2700	9900	18000	Steel	None	Open
# NRSC-19.05x26.99x19.05-ST	19.050 <i>0.750</i>	26.988 <i>1.063</i>	19.050 <i>0.750</i>	1690	2300	9900	18000	Steel	None	Closed End
# NRSO-19.05x26.99x19.05-ST	19.050 <i>0.750</i>	26.988 <i>1.063</i>	19.050 <i>0.750</i>	1690	2300	9900	18000	Steel	None	Open
# NRSC-20.00x26.00x12.00-ST	20.000 <i>0.787</i>	26.000 <i>1.024</i>	12.000 <i>0.472</i>	890	1320	8000	13000	Steel	None	Closed End
# NRSO-20.00x26.00x12.00-ST	20.000 <i>0.787</i>	26.000 <i>1.024</i>	12.000 <i>0.472</i>	850	1270	8000	13000	Steel	None	Open
# NRSO-20.00x26.00x16.00-ST-2RS	20.000 <i>0.787</i>	26.000 <i>1.024</i>	16.000 <i>0.630</i>	850	1270	8500		Steel	Nitrile 2 sides	Open
# NRSO-20.00x26.00x16.00-ST	20.000 <i>0.787</i>	26.000 <i>1.024</i>	16.000 <i>0.630</i>	1180	1900	8000	13000	Steel	None	Open
# NRSC-20.00x26.00x16.00-ST	20.000 <i>0.787</i>	26.000 <i>1.024</i>	16.000 <i>0.630</i>	1130	1780	8000	13000	Steel	None	Closed End
# NRSO-20.00x26.00x18.00-ST-RS	20.000 <i>0.787</i>	26.000 <i>1.024</i>	18.000 <i>0.709</i>	1180	1900	8500		Steel	Nitrile 1 side	Open
# NRSO-20.00x26.00x20.00-ST-2RS	20.000 <i>0.787</i>	26.000 <i>1.024</i>	20.000 <i>0.787</i>	1180	1900	8500		Steel	Nitrile 2 sides	Open

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Bearings - Needle Roller - Shell Type

Part Number	Shaft Diameter (d) mm <i>inches</i>	OD (D) mm <i>inches</i>	Width (B) mm <i>inches</i>	Dynamic Load Kgf	Basic Static Load Rating Kgf	Limiting Speed Grease RPM	Limiting Speed Oil RPM	Cage Type	Seals	Type
# NRSO-20.00x26.00x20.00-ST	20.000 <i>0.787</i>	26.000 <i>1.024</i>	20.000 <i>0.787</i>	1460	2550	8000	13000	Steel	None	Open
# NRSC-20.00x26.00x20.00-ST	20.000 <i>0.787</i>	26.000 <i>1.024</i>	20.000 <i>0.787</i>	1480	2520	8000	13000	Steel	None	Closed End
# NRSO-20.00x26.00x030.00-ST	20.000 <i>0.787</i>	26.000 <i>1.024</i>	30.000 <i>1.181</i>	2000	3800	8000	13000	Steel	None	Open
# NRSC-20.00x26.00x030.00-ST	20.000 <i>0.787</i>	26.000 <i>1.024</i>	30.000 <i>1.181</i>	2270	4380	8000	13000	Steel	None	Closed End
# NRSO-20.00x27.00x15.00-ST	20.000 <i>0.787</i>	27.000 <i>1.063</i>	15.000 <i>0.591</i>	1060	1490			Steel	None	Open
# NRSO-20.00x27.00x15.00-FC	20.000 <i>0.787</i>	27.000 <i>1.063</i>	15.000 <i>0.591</i>	1870	3150			None	None	Open
# NRSC-20.00x27.00x15.00-ST	20.000 <i>0.787</i>	27.000 <i>1.063</i>	15.000 <i>0.591</i>	1060	1490			Steel	None	Closed End
# NRSC-20.00x27.00x20.00-ST	20.000 <i>0.787</i>	27.000 <i>1.063</i>	20.000 <i>0.787</i>	1530	2390			Steel	None	Closed End
# NRSO-20.00x27.00x20.00-ST	20.000 <i>0.787</i>	27.000 <i>1.063</i>	20.000 <i>0.787</i>	1530	2390			Steel	None	Open
# NRSO-20.00x27.00x25.00-FC	20.000 <i>0.787</i>	27.000 <i>1.063</i>	25.000 <i>0.984</i>	3060	5940			None	None	Open

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Bearings - Needle Roller - Shell Type

Part Number	Shaft Diameter (d) mm <i>inches</i>	OD (D) mm <i>inches</i>	Width (B) mm <i>inches</i>	Dynamic Load Kgf	Basic Static Load Rating Kgf	Limiting Speed Grease RPM	Limiting Speed Oil RPM	Cage Type	Seals	Type
# NRSO-20.00x27.00x25.00-ST	20.000 <i>0.787</i>	27.000 <i>1.063</i>	25.000 <i>0.984</i>	1960	3280			Steel	None	Open
# NRSC-20.00x27.00x25.00-ST	20.000 <i>0.787</i>	27.000 <i>1.063</i>	25.000 <i>0.984</i>	1960	3280			Steel	None	Closed End
# NRSC-20.00x27.00x030.00-ST	20.000 <i>0.787</i>	27.000 <i>1.063</i>	30.000 <i>1.181</i>	2360	4180			Steel	None	Closed End
# NRSO-20.00x27.00x030.00-ST	20.000 <i>0.787</i>	27.000 <i>1.063</i>	30.000 <i>1.181</i>	2360	4180			Steel	None	Open
# NRSC-20.00x28.00x20.00-ST	20.000 <i>0.787</i>	28.000 <i>1.102</i>	20.000 <i>0.787</i>	1720	2470			Steel	None	Closed End
# NRSO-20.00x28.00x20.00-ST	20.000 <i>0.787</i>	28.000 <i>1.102</i>	20.000 <i>0.787</i>	1720	2470			Steel	None	Open
# NRSO-20.00x28.00x20.00-FC	20.000 <i>0.787</i>	28.000 <i>1.102</i>	20.000 <i>0.787</i>	2730	4560			None	None	Open
# NRSO-22.00x28.00x12.00-ST	22.000 <i>0.866</i>	28.000 <i>1.102</i>	12.000 <i>0.472</i>	929	1367	12000		Steel	None	Open
# NRSO-25.00x32.00x12.00-ST	25.000 <i>0.984</i>	32.000 <i>1.260</i>	12.000 <i>0.472</i>	1122	1551	10000		Steel	None	Open
# NRSO-25.40x31.75x12.70-ST	25.400 <i>1.000</i>	31.750 <i>1.250</i>	12.700 <i>0.500</i>	222	210	14000		Steel	None	Open

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Bearings - Needle Roller - Shell Type

Part Number	Shaft Diameter (d) mm <i>inches</i>	OD (D) mm <i>inches</i>	Width (B) mm <i>inches</i>	Dynamic Load Kgf	Basic Static Load Rating Kgf	Limiting Speed Grease RPM	Limiting Speed Oil RPM	Cage Type	Seals	Type
# NRSO-25.40x31.75x25.40-ST	25.400 <i>1.000</i>	31.750 <i>1.250</i>	25.400 <i>1.000</i>	474	531	14000		Steel	None	Open
NRSO-28.58x34.93x12.70-ST	28.575 <i>1.125</i>	34.925 <i>1.375</i>	12.700 <i>0.500</i>	880	1360			Steel	None	Open
NRSO-57.15x66.68x19.05-ST	57.150 <i>2.250</i>	66.675 <i>2.625</i>	19.050 <i>0.750</i>	2910	5770			Steel	None	Drawn Cup

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