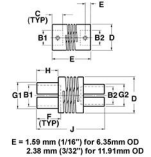




MBA

Couplings - Helical - Precision



0.14 to 9 Nm. 25000 max RPM.

5 Degree max angular misalignment.

0.076 mm Parallel offset.

Zero Axial motion.

Zero backlash.

This catalogue to be read in conjunction with information at http://www.minibearings.com.au/ogue/tech/couplings/couplings_helical.pdf

Couplings - Helical - Precision

Part Number	OD (D) mm	Bores (B1 / B2) mm	Length (E) mm	Working Torque N.m	Maximum Speed RPM	Hub Config/Hub Diameter mm	Material	Bore Depth (C) mm	Rigidity Arc.Min / N.m
	<i>inches</i>	<i>inches</i>	<i>inches</i>			<i>inches</i>		<i>inches</i>	
# CPHP06-0200x1000C-3	6.350 <i>0.250</i>	2.000 / 2.000	10.000 <i>0.394</i>	0.14	25000	Clamp Hub / 3.6	303 Stainless	3.000 <i>0.118</i>	18.9
# CPHP06-0200x1000P-3	6.350 <i>0.250</i>	2.000 / 2.000	10.000 <i>0.394</i>	0.14	25000	Pin Hub / 6.35	303 Stainless	3.000 <i>0.118</i>	18.9
# CPHP06-0229x0953C-3	6.350 <i>0.250</i>	2.286 / 2.286	9.525 <i>0.375</i>	2.3	25000	Clamp Hub / 4.75	303 Stainless	3.175 <i>0.125</i>	0.9

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Part Number	OD (D) mm <i>inches</i>	Bores (B1 / B2) mm <i>inches</i>	Length (E) mm <i>inches</i>	Working Torque N.m	Maximum Speed RPM	Hub Config/Hub Diameter mm <i>inches</i>	Material	Bore Depth (C) mm <i>inches</i>	Rigidity Arc.Min / N.m
# CPHP06-0229x0953P-3	6.350 <i>0.250</i>	2.286 / 2.286	9.525 <i>0.375</i>	2.3	25000	Pin Hub / 6.35	303 Stainless	3.175 <i>0.125</i>	0.9
# CPHP06-0238x0953C-3	6.350 <i>0.250</i>	2.375 / 2.375	9.525 <i>0.375</i>	2.3	25000	Clamp Hub / 4.75	303 Stainless	3.175 <i>0.125</i>	0.9
# CPHP06-0238x0953P-3	6.350 <i>0.250</i>	2.375 / 2.375	9.525 <i>0.375</i>	2.3	25000	Pin Hub / 6.35	303 Stainless	3.175 <i>0.125</i>	0.9
# CPHP06-0200-0300x1000P-3	6.350 <i>0.250</i>	2.000 / 3.000	10.000 <i>0.394</i>	0.14	25000	Pin Hub / 6.35	303 Stainless	3.000 <i>0.118</i>	18.9
# CPHP06-0200-0300x1000C-3	6.350 <i>0.250</i>	2.000 / 3.000	10.000 <i>0.394</i>	0.14	25000	Clamp Hub / 3.6	303 Stainless	3.000 <i>0.118</i>	18.9
# CPHP06-0300x1000C-3	6.350 <i>0.250</i>	3.000 / 3.000	10.000 <i>0.394</i>	0.14	25000	Clamp Hub / 4.6	303 Stainless	3.000 <i>0.118</i>	18.9
# CPHP06-0300x1000P-3	6.350 <i>0.250</i>	3.000 / 3.000	10.000 <i>0.394</i>	0.14	25000	Pin Hub / 6.35	303 Stainless	3.000 <i>0.118</i>	18.9
# CPHP06-0305x0953C-3	6.350 <i>0.250</i>	3.048 / 3.048	9.525 <i>0.375</i>	2.3	25000	Clamp Hub / 4.75	303 Stainless	3.175 <i>0.125</i>	0.9
# CPHP06-0305x0953P-3	6.350 <i>0.250</i>	3.048 / 3.048	9.525 <i>0.375</i>	2.3	25000	Pin Hub / 6.35	303 Stainless	3.175 <i>0.125</i>	0.9
# CPHP06-0317x0953C-3	6.350 <i>0.250</i>	3.169 / 3.169	9.525 <i>0.375</i>	2.3	25000	Clamp Hub / 4.75	303 Stainless	3.175 <i>0.125</i>	0.9

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Part Number	OD (D) mm <i>inches</i>	Bores (B1 / B2) mm <i>inches</i>	Length (E) mm <i>inches</i>	Working Torque N.m	Maximum Speed RPM	Hub Config/Hub Diameter mm <i>inches</i>	Material	Bore Depth (C) mm <i>inches</i>	Rigidity Arc.Min / N.m
# CPHP06-0317x0953P-3	6.350 <i>0.250</i>	3.169 / 3.169	9.525 <i>0.375</i>	2.3	25000	Pin Hub / 6.35	303 Stainless	3.175 <i>0.125</i>	0.9
# CPHP06-0238-0317x0953C-3	6.350 <i>0.250</i>	2.375 / 3.169	9.525 <i>0.375</i>	2.3	25000	Clamp Hub / 4.75	303 Stainless	3.175 <i>0.125</i>	0.9
# CPHP06-0229-0317x0953P-3	6.350 <i>0.250</i>	2.286 / 3.169	9.525 <i>0.375</i>	2.3	25000	Pin Hub / 6.35	303 Stainless	3.175 <i>0.125</i>	0.9
# CPHP06-0229-0317x0953C-3	6.350 <i>0.250</i>	2.286 / 3.169	9.525 <i>0.375</i>	2.3	25000	Clamp Hub / 4.75	303 Stainless	3.175 <i>0.125</i>	0.9
# CPHP06-0238-0317x0953P-3	6.350 <i>0.250</i>	2.375 / 3.169	9.525 <i>0.375</i>	2.3	25000	Pin Hub / 6.35	303 Stainless	3.175 <i>0.125</i>	0.9
# CPHP06-0305-0317x0953C-3	6.350 <i>0.250</i>	3.048 / 3.170	9.525 <i>0.375</i>	2.3	25000	Clamp Hub / 4.75	303 Stainless	3.175 <i>0.125</i>	0.9
# CPHP06-0305-0317x0953P-3	6.350 <i>0.250</i>	3.048 / 3.170	9.525 <i>0.375</i>	2.3	25000	Pin Hub / 6.35	303 Stainless	3.175 <i>0.125</i>	0.9
# CPHP12-0305x1905P-3	11.913 <i>0.469</i>	3.048 / 3.048	19.050 <i>0.750</i>	9.0	25000	Pin Hub / 11.90	303 Stainless	6.350 <i>0.250</i>	0.2
# CPHP12-0305x2381C-3	11.913 <i>0.469</i>	3.048 / 3.048	23.813 <i>0.938</i>	9.0	25000	Clamp Hub / 4.75	303 Stainless	7.950 <i>0.313</i>	0.2
# CPHP12-0317x1905P-3	11.913 <i>0.469</i>	3.169 / 3.169	19.050 <i>0.750</i>	9.0	25000	Pin Hub / 11.90	303 Stainless	6.350 <i>0.250</i>	0.2

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Couplings - Helical - Precision

Part Number	OD (D) mm	Bores (B1 / B2) mm	Length (E) mm	Working Torque N.m	Maximum Speed RPM	Hub Config/Hub Diameter mm	Material	Bore Depth (C) mm	Rigidity Arc.Min / N.m
	<i>inches</i>	<i>inches</i>	<i>inches</i>			<i>inches</i>		<i>inches</i>	
# CPHP12-0317x2381C-3	11.913 <i>0.469</i>	3.169 / 3.169	23.813 <i>0.938</i>	9.0	25000	Clamp Hub / 4.75	303 Stainless	7.950 <i>0.313</i>	0.2
# CPHP12-0305-0317x1905P-3	11.913 <i>0.469</i>	3.048 / 3.170	19.050 <i>0.750</i>	9.0	25000	Pin Hub / 11.90	303 Stainless	6.350 <i>0.250</i>	0.2
# CPHP12-0305-0317x2381C-3	11.913 <i>0.469</i>	3.048 / 3.170	23.813 <i>0.938</i>	9.0	25000	Clamp Hub / 4.75	303 Stainless	7.950 <i>0.313</i>	0.2
# CPHP12-0317-0476x1905P-3	11.913 <i>0.469</i>	3.169 / 4.757	19.050 <i>0.750</i>	9.0	25000	Pin Hub / 11.90	303 Stainless	6.350 <i>0.250</i>	0.2
# CPHP12-0305-0476x1905P-3	11.913 <i>0.469</i>	3.048 / 4.757	19.050 <i>0.750</i>	9.0	25000	Pin Hub / 11.90	303 Stainless	6.350 <i>0.250</i>	0.2
# CPHP12-0476x1905P-3	11.913 <i>0.469</i>	4.757 / 4.757	19.050 <i>0.750</i>	9.0	25000	Pin Hub / 11.90	303 Stainless	6.350 <i>0.250</i>	0.2
# CPHP12-0305-0476x2381C-3	11.913 <i>0.469</i>	3.048 / 4.757	23.813 <i>0.938</i>	9.0	25000	Clamp Hub / 4.75 / 6.35	303 Stainless	7.950 <i>0.313</i>	0.2
# CPHP12-0317-0476x2381C-3	11.913 <i>0.469</i>	3.169 / 4.757	23.813 <i>0.938</i>	9.0	25000	Clamp Hub / 4.75 / 6.35	303 Stainless	7.950 <i>0.313</i>	0.2
# CPHP12-0476x2381C-3	11.913 <i>0.469</i>	4.757 / 4.757	23.813 <i>0.938</i>	9.0	25000	Clamp Hub / 6.35	303 Stainless	7.950 <i>0.313</i>	0.2
# CPHP12-0635x1905P-3	11.913 <i>0.469</i>	6.345 / 6.345	19.050 <i>0.750</i>	9.0	25000	Pin Hub / 11.90	303 Stainless	6.350 <i>0.250</i>	0.2

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Part Number	OD (D) mm <i>inches</i>	Bores (B1 / B2) mm <i>inches</i>	Length (E) mm <i>inches</i>	Working Torque N.m	Maximum Speed RPM	Hub Config/Hub Diameter mm <i>inches</i>	Material	Bore Depth (C) mm <i>inches</i>	Rigidity Arc.Min / N.m
# CPHP12-0317-0635x1905P-3	11.913 <i>0.469</i>	3.169 / 6.345	19.050 <i>0.750</i>	9.0	25000	Pin Hub / 11.90	303 Stainless	6.350 <i>0.250</i>	0.2
# CPHP12-0476-0635x1905P-3	11.913 <i>0.469</i>	4.757 / 6.345	19.050 <i>0.750</i>	9.0	25000	Pin Hub / 11.90	303 Stainless	6.350 <i>0.250</i>	0.2
# CPHP12-0305-0635x1905P-3	11.913 <i>0.469</i>	3.048 / 6.345	19.050 <i>0.750</i>	9.0	25000	Pin Hub / 11.90	303 Stainless	6.350 <i>0.250</i>	0.2
# CPHP12-0635x2381C-3	11.913 <i>0.469</i>	6.345 / 6.345	23.813 <i>0.938</i>	9.0	25000	Clamp Hub / 7.93	303 Stainless	7.950 <i>0.313</i>	0.2
# CPHP12-0476-0635x2381C-3	11.913 <i>0.469</i>	4.757 / 6.345	23.813 <i>0.938</i>	9.0	25000	Clamp Hub / 6.35 / 7.93	303 Stainless	7.950 <i>0.313</i>	0.2
# CPHP12-0305-0635x2381C-3	11.913 <i>0.469</i>	3.048 / 6.345	23.813 <i>0.938</i>	9.0	25000	Clamp Hub / 4.75 / 7.93	303 Stainless	7.950 <i>0.313</i>	0.2
# CPHP12-0317-0635x2381C-3	11.913 <i>0.469</i>	3.169 / 6.345	23.813 <i>0.938</i>	9.0	25000	Clamp Hub / 4.75 / 7.93	303 Stainless	7.950 <i>0.313</i>	0.2
# CPHP13-0300x2000P-3	12.700 <i>0.500</i>	3.000 / 3.000	20.000 <i>0.787</i>	0.56	25000	Pin Hub / 12.7	303 Stainless	6.000 <i>0.236</i>	3.5
# CPHP13-0300x2400C-3	12.700 <i>0.500</i>	3.000 / 3.000	24.000 <i>0.945</i>	0.56	25000	Clamp Hub / 4.6	303 Stainless	8.000 <i>0.315</i>	3.5

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# CPHP13-0400x2000P-3	12.700 <i>0.500</i>	4.000 / 4.000	20.000 <i>0.787</i>	0.56	25000	Pin Hub / 12.7	303 Stainless	6.000 <i>0.236</i>	3.5
# CPHP13-0300-0400x2000P-3	12.700 <i>0.500</i>	3.000 / 4.000	20.000 <i>0.787</i>	0.56	25000	Pin Hub / 12.7	303 Stainless	6.000 <i>0.236</i>	3.5
# CPHP13-0300-0400x2400C-3	12.700 <i>0.500</i>	3.000 / 4.000	24.000 <i>0.945</i>	0.56	25000	Clamp Hub / 4.6	303 Stainless	8.000 <i>0.315</i>	3.5
# CPHP13-0400x2400C-3	12.700 <i>0.500</i>	4.000 / 4.000	24.000 <i>0.945</i>	0.56	25000	Clamp Hub / 5.6	303 Stainless	8.000 <i>0.315</i>	3.5
# CPHP13-0500x2000P-3	12.700 <i>0.500</i>	5.000 / 5.000	20.000 <i>0.787</i>	0.56	25000	Pin Hub / 12.7	303 Stainless	6.000 <i>0.236</i>	3.5
# CPHP13-0400-0500x2000P-3	12.700 <i>0.500</i>	4.000 / 5.000	20.000 <i>0.787</i>	0.56	25000	Pin Hub / 12.7	303 Stainless	6.000 <i>0.236</i>	3.5
# CPHP13-0300-0500x2000P-3	12.700 <i>0.500</i>	3.000 / 5.000	20.000 <i>0.787</i>	0.56	25000	Pin Hub / 12.7	303 Stainless	6.000 <i>0.236</i>	3.5
# CPHP13-0500x2400C-3	12.700 <i>0.500</i>	5.000 / 5.000	24.000 <i>0.945</i>	0.56	25000	Clamp Hub / 6.6	303 Stainless	8.000 <i>0.315</i>	3.5
# CPHP13-0400-0500x2400C-3	12.700 <i>0.500</i>	4.000 / 5.000	24.000 <i>0.945</i>	0.56	25000	Clamp Hub / 5.6	303 Stainless	8.000 <i>0.315</i>	3.5
# CPHP13-0300-0500x2400C-3	12.700 <i>0.500</i>	3.000 / 5.000	24.000 <i>0.945</i>	0.56	25000	Clamp Hub / 4.6	303 Stainless	8.000 <i>0.315</i>	3.5

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	<i>inches</i>	<i>inches</i>	<i>inches</i>			<i>inches</i>		<i>inches</i>	
# CPHP13-0500-0600x2000P-3	12.700 <i>0.500</i>	5.000 / 6.000	20.000 <i>0.787</i>	0.56	25000	Pin Hub / 12.7	303 Stainless	6.000 <i>0.236</i>	3.5
# CPHP13-0600x2000P-3	12.700 <i>0.500</i>	6.000 / 6.000	20.000 <i>0.787</i>	0.56	25000	Pin Hub / 12.7	303 Stainless	6.000 <i>0.236</i>	3.5
# CPHP13-0400-0600x2000P-3	12.700 <i>0.500</i>	4.000 / 6.000	20.000 <i>0.787</i>	0.56	25000	Pin Hub / 12.7	303 Stainless	6.000 <i>0.236</i>	3.5
# CPHP13-0300-0600x2000P-3	12.700 <i>0.500</i>	3.000 / 6.000	20.000 <i>0.787</i>	0.56	25000	Pin Hub / 12.7	303 Stainless	6.000 <i>0.236</i>	3.5
# CPHP13-0400-0600x2400C-3	12.700 <i>0.500</i>	4.000 / 6.000	24.000 <i>0.945</i>	0.56	25000	Clamp Hub / 5.6	303 Stainless	8.000 <i>0.315</i>	3.5
# CPHP13-0500-0600x2400C-3	12.700 <i>0.500</i>	5.000 / 6.000	24.000 <i>0.945</i>	0.56	25000	Clamp Hub / 6.6	303 Stainless	8.000 <i>0.315</i>	3.5
# CPHP13-0600x2400C-3	12.700 <i>0.500</i>	6.000 / 6.000	24.000 <i>0.945</i>	0.56	25000	Clamp Hub / 7.6	303 Stainless	8.000 <i>0.315</i>	3.5
# CPHP13-0300-0600x2400C-3	12.700 <i>0.500</i>	3.000 / 6.000	24.000 <i>0.945</i>	0.56	25000	Clamp Hub / 4.6	303 Stainless	8.000 <i>0.315</i>	3.5

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