

Bayside Gearheads & Baldor Motors

Mounting Kit Selection Chart

Motor Model	Gearhead Configuration	Bayside Part Number	Mounting Kit	Adapter Length (mm)
Brushless AC Servos BSM50	In-Line Gearheads	PX23, PX60 PS60 PS90	MX60-XXX-003 MT60-XXX-003 MT90XXX-003	42.0 34.3 33.5
	Right Angle Gearheads	RS60 RB90, RD90, RT90	MZ60-XXX-003 MD90-XXX-XXX	42.0 TBD
BSM63	In-Line Gearheads	PX23, PX60 PS60 PX34, PX90 PS90	MX60-XXX-001 MT60-XXX-001 MX90-XXX-186 MT90-XXX-186	47.0 34.3 42.0 33.4
	Right Angle Gearheads	RS60 RS90 RB90, RD90, RT90	MZ60-XXX-063 MZ90-XXX-186 MD90-XXX-XXX	42.0 42.0 TBD
BSM80	In-Line Gearheads	PX34, PX90 PS90 PX42, PX115 PS115	MX90-XXX-085 MT90-XXX-085 MX115-XXX-089 MT115-XXX089	54.0 48.0 43.0 43.2
	Right Angle Gearheads	RS90 RB90, RD90, RT90 RS115 RB115, RD115, RT115	MZ90-XXX-XXX MD90-XXX-085 MZ115-XXX-XXX MD115-XXX-XXX	TBD 24.5 TBD TBD
BSM90	In-Line Gearheads	PX42, PX115 PS115 PS142	MX115-XXX-010 MT115-XXX-010 MT142-XXX-010	52.2 51.0 58.0
	Right Angle Gearheads	RS115 RB115, RD115, RT115 RS142 RB142, RD142, RT142	MZ115-XXX-010 MD115-XXX-010 MZ142-XXX-080 MD142-XXX-010	52.2 27.6 64.0 40.8
BSM100	In-Line Gearheads	PS142	MT142-XXX-185	75.0
	Right Angle Gearheads	RS142 RB142, RD142, RT142	MZ142-XXX-185 MD142-XXX-XXX	74.0 TBD

Note: Gearhead/motor combinations are based on physical dimensions only. For high torque applications, a larger frame size gearhead might be required. Please contact an Application Engineer for assistance.

It's easy to replace Bayside's old-style PG (in-line) and RA (right angle) Gearheads with our NEW Stealth Gearheads. Simply select the PG or RA part number and match it with the corresponding Stealth part number from the chart below (XXX=Ratio):

<u>PG/RA Planetaries</u>	<u>Stealth PX Drop-In</u>	<u>Stealth PS Drop-In</u>	<u>Stealth RS Drop-In</u>
PG60-XXX	PX60-XXX	PS60-XXX-010	N/A
PG90-XXX	PX90-XXX	PS90-XXX-010	N/A
PG115-XXX	PX115-XXX	PS115-XXX-010	N/A
PG142-XXX	N/A	PS142-XXX-010	N/A
RA60-XXX	N/A	N/A	RS60-XXX-010
RA90-XXX	N/A	N/A	RS90-XXX-010
RA115-XXX	N/A	N/A	RS115-XXX-010
RA142-XXX	N/A	N/A	RS142-XXX-010

How to Order

Note: To order, specify gearhead part number and mounting kit part number. See web site or catalog for details.

Gearhead Part Number

EXAMPLE: PS60 - 010 - LB

Frame Size:.....
PS: 40, 60, 90, 115, 142, 180, 220, 300
RS: 60, 90, 115, 142, 180, 220, 300
PX: 60, 90, 115 (Metric Sizes)
23, 34, 42 (NEMA Sizes)

Optional low backlash
PS (3 arcminutes)
RS (4 arcminutes)
PX (10 arcminutes)

Gear Ratio:
PS: 003, 005, 007, 010, 015, 020,
025, 030, 040, 050, 070, 100
RS: 005, 010, 015, 020, 025, 030
040, 050, 100
PX: 003, 005, 007, 010, 015, 020

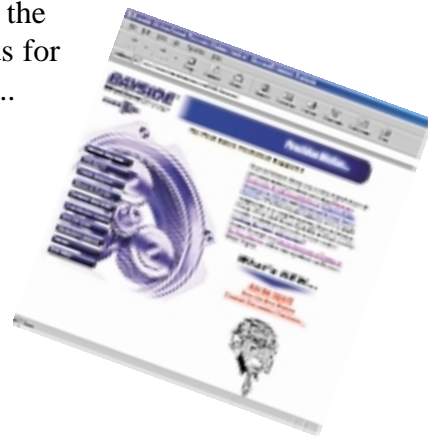
Mounting Kit Part Number

EXAMPLE: MT115 - XXX - 027

Stealth PS = MT Frame Size
Stealth PX = MX Gearhead Ratio
Stealth RS = MZ
Stealth MultiDrive = MD Mounting Kit Identifier

Visit www.baysidemotion.com

Bayside Motion Group offers the best website for complete automation. Get the latest technical information on Bayside's Stealth Helical Planetary Gearheads for servo motors, Positioning Stages and Crossed Roller bearings and slides or ... simply browse the site to see what's new. You'll find exciting industry-related topics and online technical support with our new "Ask the Expert" Motion Control Discussions Database and more!



The Bayside website is updated daily so design engineers can find the latest information on precision motion products. Visit us today at www.baysidemotion.com.

Sales and Technical Support

Call 1-800-305-4555 for Application Engineering or contact your local Bayside Sales Office:

Cleveland

☎ 216-228-8636
Fax: 216-228-0192

Texas

☎ 512-343-6059
Fax: 512-343-6084

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☎ (65) 545-7757
Fax: (65) 545-9959

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☎ 847-991-9322
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☎ 408-719-7492
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Fax: (81) 3-3981-1180

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☎ (44) 7071-229743
Fax: (44) 7070-679743

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☎ (82) 2-637-1886
Fax: (82) 2-637-1887

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Fax: 978-827-1392

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☎ (49) 6151-367154
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