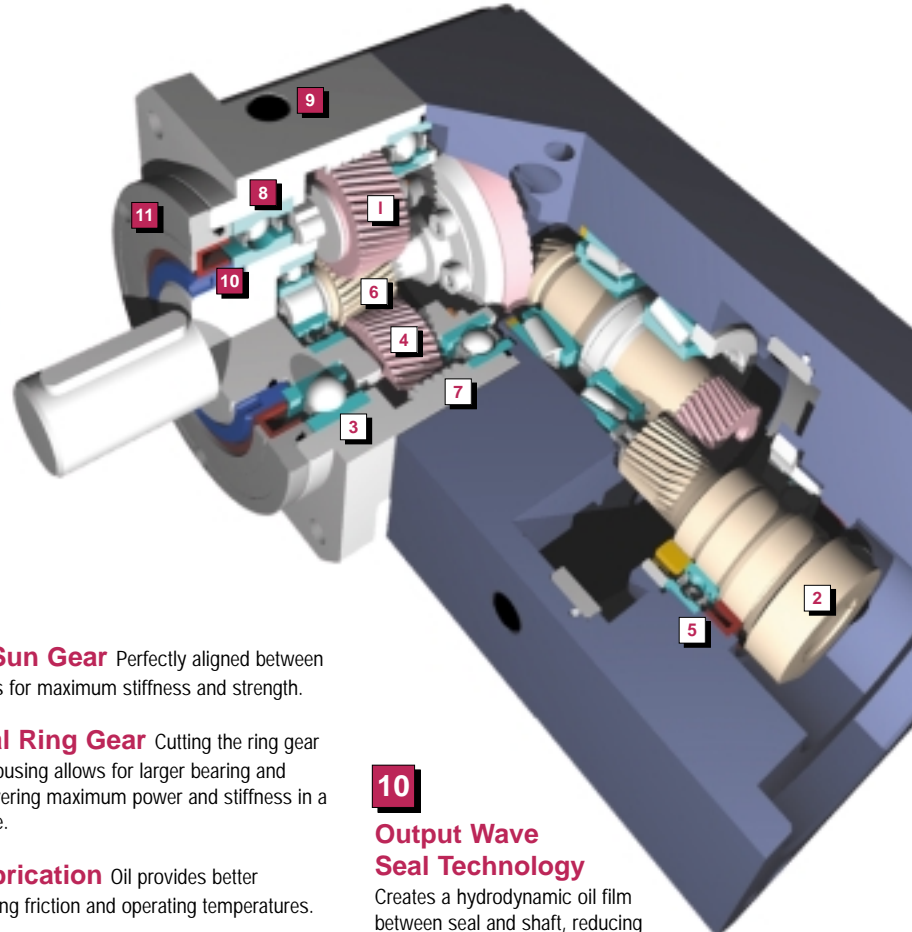
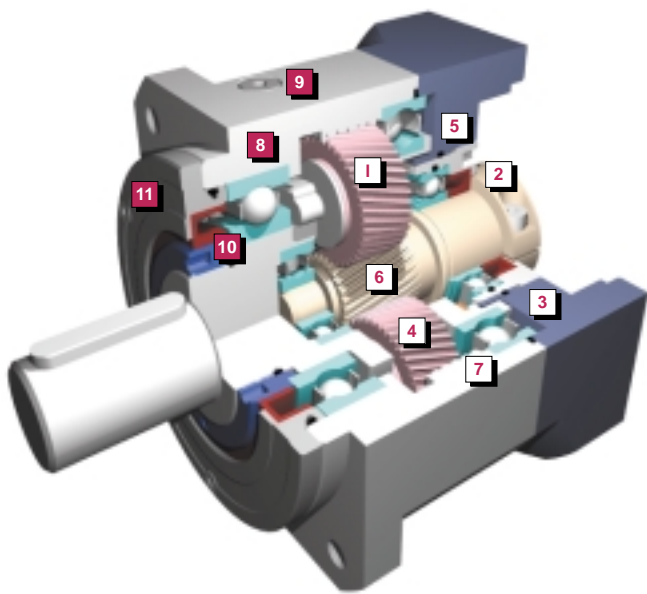


# Bayside's **New** Stealth "Advanced" Gearheads

Bayside Motion Group, a leading innovator of precision mechanical and electrical motion control products, announces that it has advanced its high performance Stealth PS (in-line) and RS (right-angle) Helical Planetary Gearheads.

The New Stealth "Advanced" Gearhead includes:

- Low friction viton seals that reduce heat and increase efficiency.
- Oil lubrication that increases reliability of seals, bearings and gears.
- Magnetic drain plugs which offer the ability to perform oil changes, extending gearhead operating life.



**1 Helical Planetary Design** Provides smooth, quiet operation, high torque and high accuracy.

**2 ServoMount®** Patented motor mounting design ensures error-free installation and the balanced pinion allows higher input speeds.

**3 Precision Bearings** Large, deep groove bearings provide high speed capacity and radial loads.

**4 HeliCrown®** Bayside's proprietary gear tooth geometry ensures quieter operation and higher loads than conventional gears.

**5 Sealed Unit** Viton seals and O-Rings provide IP65 protection to prevent leaks and protect against harsh environments.

**6 Rigid Sun Gear** Perfectly aligned between two large bearings for maximum stiffness and strength.

**7 Integral Ring Gear** Cutting the ring gear directly into the housing allows for larger bearing and planet gears, delivering maximum power and stiffness in a minimum package.

**8 Oil Lubrication** Oil provides better lubrication, reducing friction and operating temperatures.

**9 Magnetic Drain Plug** The magnetic plug attracts normal wear particles keeping them away from the gear mesh.

**10 Output Wave Seal Technology**

Creates a hydrodynamic oil film between seal and shaft, reducing heat and wear.

**11 Front Output Seal Cover**  
Captures and protects output seal

Bayside Motion Group offers a family of motion control products and systems to leading industrial companies worldwide. System solutions include: servo systems, gear drives and high accuracy linear positioning systems for customers in the semiconductor, electronics, automotive, medical, machine tool and telecommunications industries. Bayside is a unique U.S. manufacturer, providing electromechanical automation subsystems that combine servomotor, gear and linear bearing technologies under one roof.

**BAYSIDE**  
Motion Group

For more information contact Bayside Motion Group, 27 Seaview Blvd. Port Washington, NY 11050.  
Phone: (516) 484-5353; Fax: (516) 484-5496 or visit our web site at [www.baysidemotion.com](http://www.baysidemotion.com).

# How to Order

Order Numbering Example:

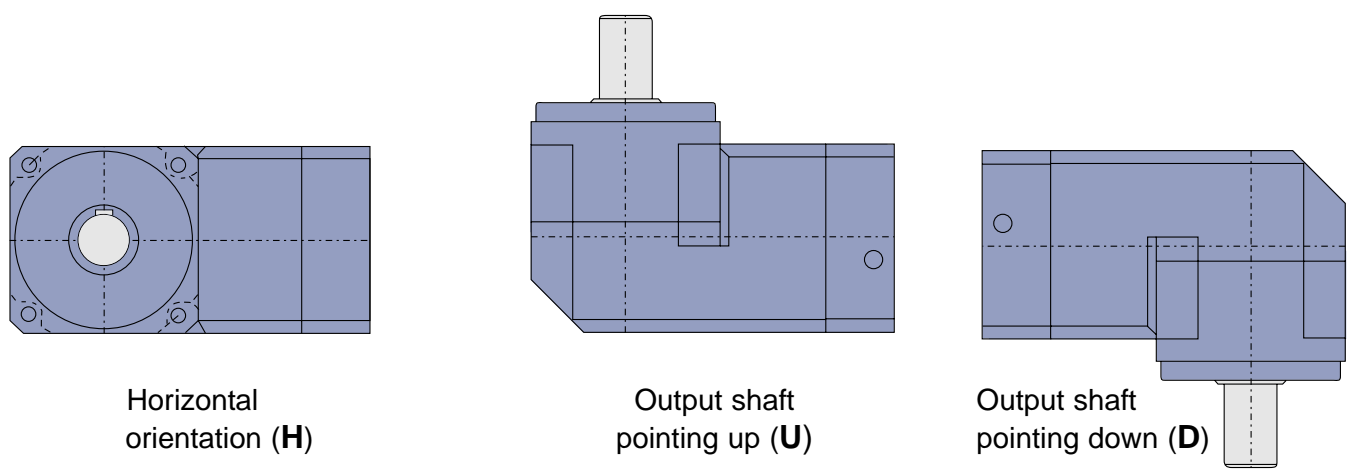
**P S 6 0 - 0 1 0 L H**

FRAME SIZE		RATIO		BACKLASH		ORIENTATION	
40**	142	003	025	L = Low		H = Horizontal orientation	
60	180	005	030	S = Standard		U = Output shaft pointing up	
90	220	007	040			D = Output shaft pointing down	
115	300	010	050			(For other orientations consult the factory)	
		015	070				
		020	100				

1. Pick frame size and ratio.
2. Specify model (as shown in the following example).
3. Specify motor make and model for mounting kit.

PS Gearheads are supported by a worldwide network of offices and local distributors. Call 1-800-305-4555 for application engineering assistance or for the name of your local distributor. Information can also be obtained at [www.baysidemotion.com](http://www.baysidemotion.com).

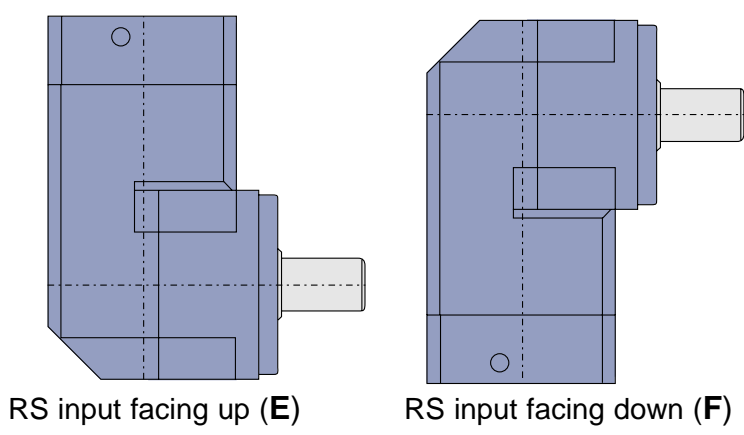
\*\* PS40 is not available in the Advanced version.



Horizontal orientation (H)

Output shaft pointing up (U)

Output shaft pointing down (D)



RS input facing up (E)

RS input facing down (F)

# How to Order

Order Numbering Example:

**R S 6 0 - 0 1 0 L H**

FRAME SIZE		RATIO		BACKLASH		ORIENTATION	
60		005	030	L = Low backlash		H = Horizontal orientation	
90		010	040	S = Standard backlash		U = Output shaft pointing up	
115		015	050			D = Output shaft pointing down	
142		020	100			E = RS input facing up	
180		025				F = RS input facing down	
220						(For other orientations consult the factory)	
300							

1. Pick frame size and ratio.
2. Specify model (as shown in the following example).
3. Specify motor make and model for mounting kit.

RS Gearheads are supported by a worldwide network of offices and local distributors. Call 1-800-305-4555 for application engineering assistance or for the name of your local distributor. Information can also be obtained at [www.baysidemotion.com](http://www.baysidemotion.com).