

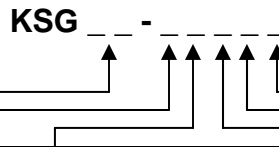
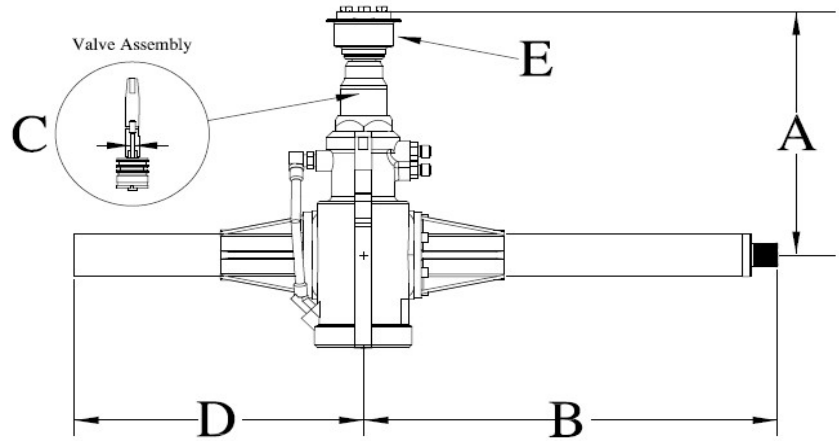
# Steering Gears – Right Side

## How to Order:

Create the part number of the gear you need by selecting the desired options in the boxes below and insert their code number into the part number.

## Example:

**KSG 11-59872** is a standard right-side gear with 11" input shaft, 18" output shaft with live tube reservoir, a "65" servo valve, 13" dead tube, and a pull-type quick release.



Gear Type Code	"A" Input Shaft Code	"B" Live Tube Output Shaft Code	"C" Servo Valve Effort Code	"D" Dead Tube Code	"E" Steering Wheel Hub Release
11 = Standard Right Side 12 = 12:1 Ratio Right Side	3 = 10" 5 = 11"	4 = 14" 5 = 14" Res. 6 = 16" 7 = 16" Res. 8 = 18" 9 = 18" Res.	4 = "20" (Easy) 5 = "35" 6 = "40" 7 = "50" 8 = "65" (Firm)	0 = Center Mt. 3 = 11" Res. 4 = 12" 5 = 11.5" Res. 7 = 13" 8 = 14.5" 9 = 13" Res.	0 = No Quick Release 2 = Pull-Type Quick Release

*Please inquire about custom gears and additional options that may be available upon request.*

### "A" Input Shaft

- Measurement is made from the steering wheel mounting surface of the quick release hub to the center line of the output shaft.
- Input shaft length is based upon driver preference.

### "B" Live Tube Output Shaft

- Dimension is determined by chassis width, as well as the desired location of the drag link.
- 18" is the most common length for right side Sprints and Midgets.
- Live Tube Reservoirs are available for all lengths as indicated and allow for superior cooling of the power steering fluid.

### "C" Servo Valve Effort

- The servo valve torsion bar determines the effort required to steer by the driver. This is a driver preference. All KSE gears have the torsion bar size stamped on the web side of the case, next to the serial number.
- A "20" is the least effort size, and a "65" requires the most effort.
- Midget and Pavement Sprint drivers generally chose firmer efforts with "50" and "65" being the most common.

### "D" Dead Tube

- Dimension is determined by chassis width, as well as location of the mounting bracket.
- 13" is the most common length for right side Sprints and Midgets.
- Dead Tube Reservoirs are available for several lengths as indicated.

# Steering Gears – Right Side



KSE's Right Hand Drive Power Steering Gears are designed and built with the racer in mind. By offering various options, the steering gear can be tailored to racers who demand the precision which is key for any open wheel pavement race car.

KSE's steering gears can be built in either a standard 9:1 ratio or in a newer 12:1 ratio version. The new 12:1 ratio allows drivers to be smoother and more consistent. This is a **MUST** for fast, high-bank tracks.

The steering gears can be equipped with optional reservoirs which are built in to either the dead tube or live tube assemblies. The live tube reservoir design helps to eliminate turbulence, aeration, and helps to provide superior cooling to externally mounted reservoirs. The easy-fill 2" diameter cap is vented and has a built-in dipstick.

The wing slider ports are o-ring sealed. Special high-flow #3 o-ring boss to 37-degree JIC #4 fittings are available.



## WAIVER WARRANTY (EXPRESSED OR IMPLIED) NO GUARANTEE

This product and each part thereof, is sold "AS IS" and with all faults. KSE Racing Products, Inc will not be liable for any loss, damage, or injury arising from the use of this product. RACING IS A DANGEROUS ACTIVITY. The user shall determine the suitability and safety of the product for its intended use, and the user assumes all responsibility and risk in connection therewith.

STEERING GEARS

TANDEM PUMPS

PULLEYS &  
DRIVE KITS

POWER STEERING  
PUMPS

WATER PUMPS &  
FRONT COVERS

FLUIDS &  
ACCESSORIES

SERVICES

TECHNICAL INFO