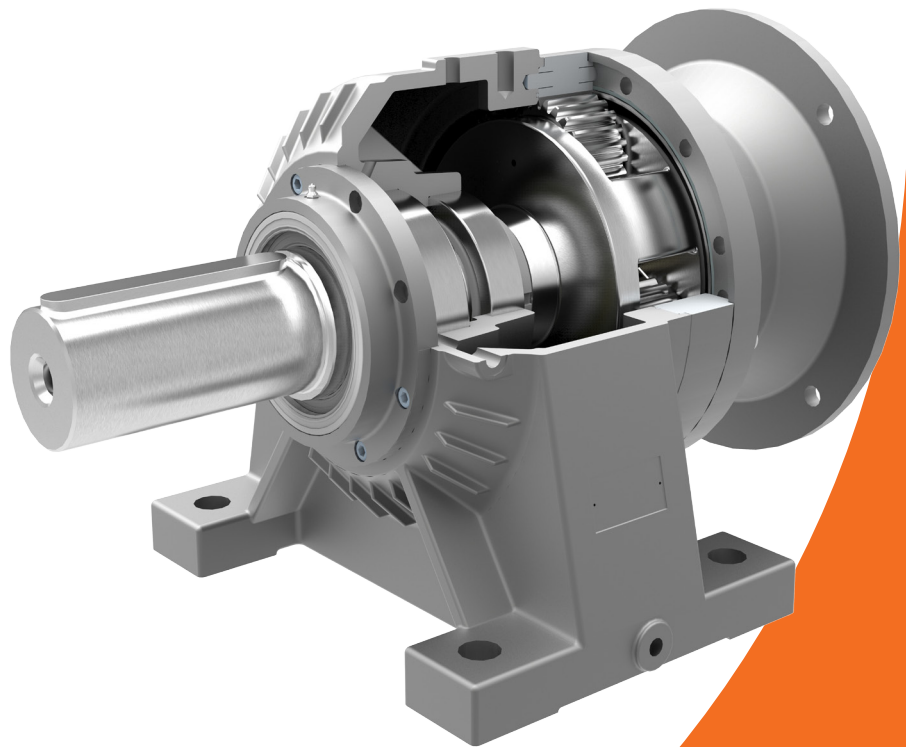


# benzlers

with you at every turn

Series P Planetary Gear Units



Series P

## PRODUCT INFORMATION

The Series P range of planetary gear units is designed to meet the requirements of the most demanding applications in the medium and heavy duty sectors of the power transmission market.

Available in 10 sizes, this modular design allows for quick assembly to the customers chosen configurations. Available in line and right angle with a choice of foot mounted or flange mounted case designs. Each unit is also available with various output options, solid keyed, solid splined, hollow splined, hollow shrink disc.

The range takes advantage of our many years of accumulated design expertise, together with the use of high quality materials and components the end result is a high quality series of planetary gear reducers and geared motors offering a high load carrying capacity, high efficiency, quiet running and reliable drive solution.

### Unit Sizes

1,2,3,5,8,12,16,25,40,65

### Types

Inline: Single, Double, Triple and Quadruple reduction

Right angle shaft: Double, Triple and Quadruple reduction

### Input Power

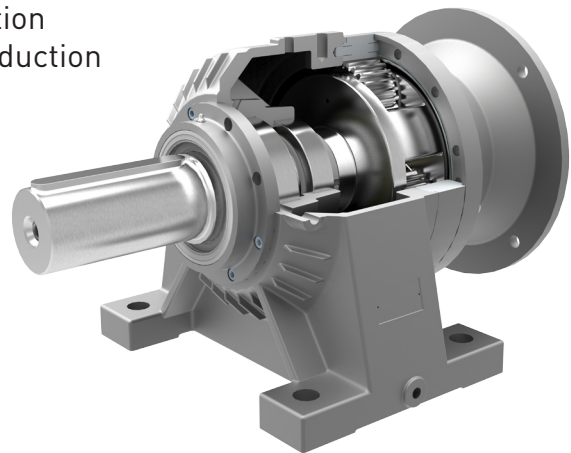
Up to 90Kw

### Output Torque

Up to 65,000Nm

### Gear ratios

3.6/1 to 2500/1 in multistage



## FEATURES

Modular design

Available in Kits

Standard motor connection

Interchangeable

Atex compliant

## BENEFITS

Reduces part count

Easy to stock and finish assemble locally

Allows any brand of IEC motor to be fitted, including, Atex and Ex, single phase etc.

Can be supplied as drop-in replacements for many European manufacturers

Can be supplied against Group 2 or 3 for surface industries in designated hazardous locations, zones 1 & 2 for gases, vapors and mist, zones 21 & 22 for dust.

## Intelligent Design

The Series P has been designed using the latest software, giving a tooth geometry which combines maximum efficiency with high load carrying capacity and minimal noise generation. Flexibility and ease of stocking was at the forefront of our thoughts in the design guaranteeing durability, reliability and availability.

## Interchangeability

The Series P has been designed to be directly interchangeable with many of the leading brands.

## Input Options

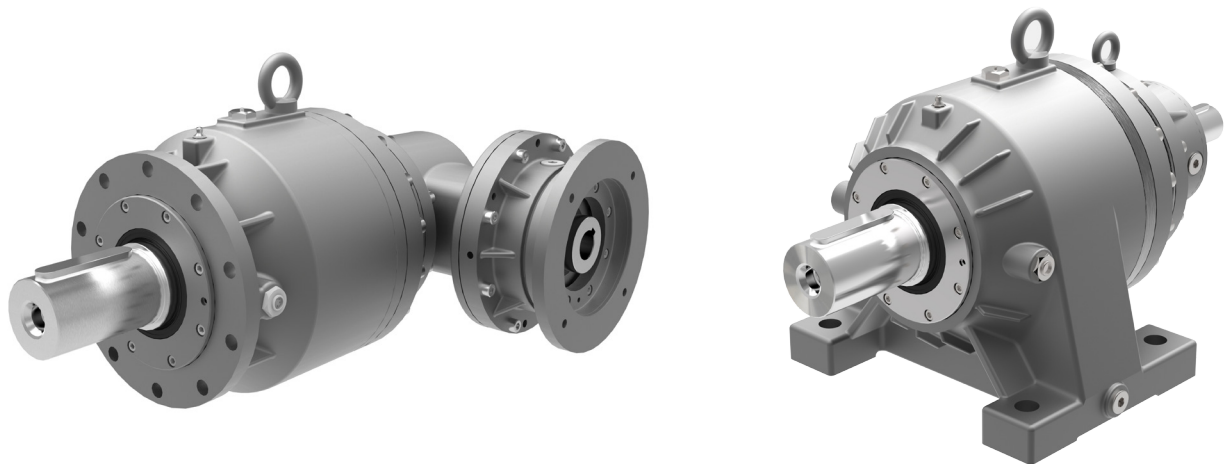
Available to suit standard IEC frame motors, or with an input shaft assembly.

## Case options

Cases are cast iron as standard and available in either foot or flange mount variants.

## Output options

Available with Keyed or splined solid shaft, internal spline or suitable for mounting with a shrink disc.



## Typical Applications and Industries

### Applications

Conveyors  
Crushers  
Cranes  
Aerators  
Mixers  
Test rig  
Winches  
Pumps  
Grinders

### Industries

Cement  
Mining  
Harbours and Ports  
Quarrying  
Power Generation  
Petrochemical  
Steel  
Pulp & Paper  
Food & Beverage

**Benzlers** believes in engineering quality relationships with our customers that strengthen what we can achieve together. Our business and the people within our business are committed to building long lasting partnerships that are as reliable as our products and as smooth as our service.

Benzlers and sister company Radicon are now part of Elecon Engineering, Asia's largest and fastest growing gear manufacturer. This partnership means that we can offer our customers an enhanced range of standard and bespoke engineering solutions including drop in replacements, all supplied with the product quality and engineering expertise demanded from and delivered by the Benzlers business.

**Benzlers - with you at every turn**

benzlers 

radicon 

**Benzlers**

Denmark +45 36 340300

Finland +358 9 3401716

Germany +49 800 3504000

Italy +39 02 8243511

Sweden +46 42186800

The Netherlands +31 77 3245900

[www.benzlers.com](http://www.benzlers.com)

**Radicon**

Thailand +66 3845 9044

United Kingdom +44 1484 465800

USA +1 847 5939910

[www.radicon.com](http://www.radicon.com)