

Peak Input speeds of the Neugart servo Gearheads

!!!!!!!!!!!! Neugart offers the highest input speeds in the industry !!!!!!!!!!!!!!!

Note
Continuous duty / mean input speeds

Inline planetary gearheads

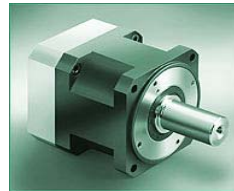
High precision Planetary	
Gearhead	peak input rpm
PLS 70	14 000
PLS 90	10 000
PLS 115	8 500
PLS 142	6 500
PLS 190	6 000



Precision high value economy	
Gearhead	peak input rpm
PLE 40	18 000
PLE 60	13 000
PLE 80	7 000
PLE 120	6 500
PLE 160	4 500



High Performance planetary	
Gearhead	peak input rpm
PLS-HP 70	16 000
PLS-HP 90	12 000
PLS-HP 115	10 000
PLS-HP 142	8 000



High Performance Flange output	
Gearhead	peak input rpm
PLF-HP 64	16 000
PLS-HP 90	12 000
PLS-HP 100	10 000
PLS-HP 142	8 000



Right Angle Bevel Planetary

High precision Bevel- Planetary	
Gearhead	peak input rpm
WPLS 70	8 000
WPLS 90	7 000
WPLS 115	6 000
WPLS 142	4 500
WPLS 190	4 000



Precision high value economy	
Gearhead	peak input rpm
WPLE 40	18 000
WPLE 60	13 000
WPLE 80	7 0000
WPLE 120	6 500



Note:

Limitation for the continuous duty or mean input speed is the gearhead temperature.

The gearhead temperature should not exceed :

90 °C for the PLE and WPLE series

100 °C for the PLS and WPLS series

110 °C for the PLS-HP and PLF-HP series

Applying cooling the mean input speed value can be increased as long as the temperature is not exceeding the listed values