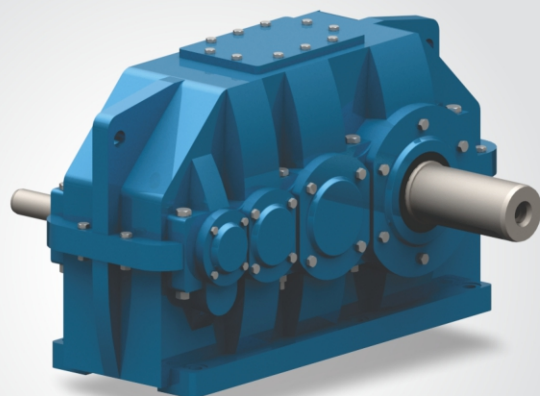




H SERIES

» Parallel Shaft Helical Gearbox

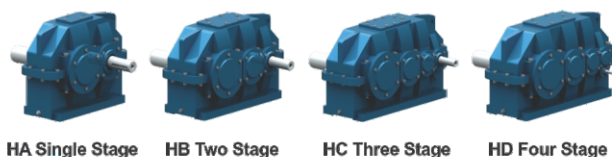


The H Series industrial gear unit is designed to meet the requirements of the most demanding applications in the medium and heavy duty sectors of the power transmission market. The Modern design and construction of the H series offers many engineering and performance benefits including higher torque and thermal ratings, with a high degree of interchangeability of components. The gear housing has been designed to withstand the normal forces whilst reducing weight to the ideal level leading to most optimal industrial gear unit solution available.

Technical Data Overview

Rated Torque	Up to 342, 500 Nm
Transmission	I = 1, 6 ... 630
Power	Up to 7,000 kW
Translation Stage	1, 2, 3 and 4 Stage
Gear Type	80 - 630 (19 Sizes)
Type	HA, HB, HC, HD

» Input Option



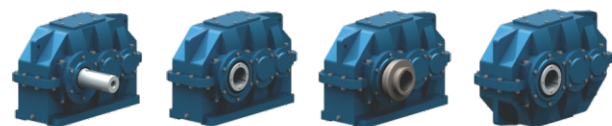
HA Single Stage

HB Two Stage

HC Three Stage

HD Four Stage

» Output Option



Solid Shaft

Hollow Shaft

Shrink Disc

Shaft Mounted

Input Mode:

- Metric system solid input shaft
- Single or Double extended input shaft

Output Mode:

- Single and Double solid output shaft with key
- Hollow shaft with Keyway
- Hollow shaft with Shrink Disk
- Splined solid shaft
- Splined hollow shaft

Main Options:

- Cooling options including cooling coil, air/oil heat exchanger and external heat exchanger,
- Forced lubrication options,
- Shrink Disk
- Backstop, base plates, coupling guards
- Hydraulic and mechanical couplings,
- Electromagnetic brakes.

Mounting:

- Multiple mounting options including parallel offset, foot mounted and shaft mounted Horizontal or Vertical Mounting



**ADVANCED
ENTERPRISES**



H SERIES

» Parallel Shaft Helical Gearbox

TECHNICAL DATA

Size	Ratio	Max. Torque (Nm)	Size	Ratio	Max. Torque (Nm)	Size	Ratio	Max. Torque (Nm)	Size	Ratio	Max. Torque (Nm)
HA-80	1.6 - 4.5	470									
HA-90	1.6 - 5	670									
HA-100	1.6 - 5.6	930									
HA-110	1.6 - 6.3	1200	HB-110	6.3 .. 18	1300						
HA-125	1.6 - 6.3	1850	HB-125	6.3 .. 20	2050						
HA-140	1.6 - 6.3	2600	HB-140	6.3 .. 22.4	3100						
HA-160	1.6 - 6.3	3750	HB-160	6.3 .. 22.4	4500	HC-160	14 .. 90	4300			
HA-180	1.6 - 6.3	4800	HB-180	6.3 .. 22.4	6400	HC-180	14 .. 100	6600			
HA-200	1.6 - 6.3	6800	HB-200	6.3 .. 22.4	9300	HC-200	14 .. 112	9900			
HA-225	1.6 - 6.3	9750	HB-225	6.3 .. 22.4	13400	HC-225	14 .. 112	14000	HD-225	112 .. 450	14600
HA-250	1.6 - 6.3	14000	HB-250	6.3 .. 22.4	18000	HC-250	14 .. 112	19000	HD-250	112 .. 500	20100
HA-280	1.6 - 6.3	19200	HB-280	6.3 .. 22.4	24800	HC-280	14 .. 112	26700	HD-280	112 .. 560	27900
HA-315	1.6 - 6.3	27200	HB-315	6.3 .. 22.4	34500	HC-315	14 .. 112	39500	HD-315	112 .. 630	40600
HA-355	1.6 - 6.3	33700	HB-355	6.3 .. 22.4	49500	HC-355	14 .. 112	57700	HD-355	112 .. 630	63500
HA-400	1.6 - 6.3	49700	HB-400	6.3 .. 22.4	65200	HC-400	14 .. 112	75000	HD-400	112 .. 630	79400
HA-450	1.6 - 6.3	72800	HB-450	6.3 .. 22.4	88700	HC-450	14 .. 112	108000	HD-450	112 .. 630	114300
HA-500	1.6 - 6.3	93200	HB-500	6.3 .. 22.4	162000	HC-500	14 .. 112	173000	HD-500	112 .. 630	183000
HA-560	1.6 - 6.3	137500	HB-560	6.3 .. 22.4	222000	HC-560	14 .. 112	246000	HD-560	112 .. 630	259000
HA-630	1.6 - 6.3	167500	HB-630	6.3 .. 22.4	291000	HC-630	14 .. 112	322000	HD-630	112 .. 630	342500

ADVANCED ENTERPRISES

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