

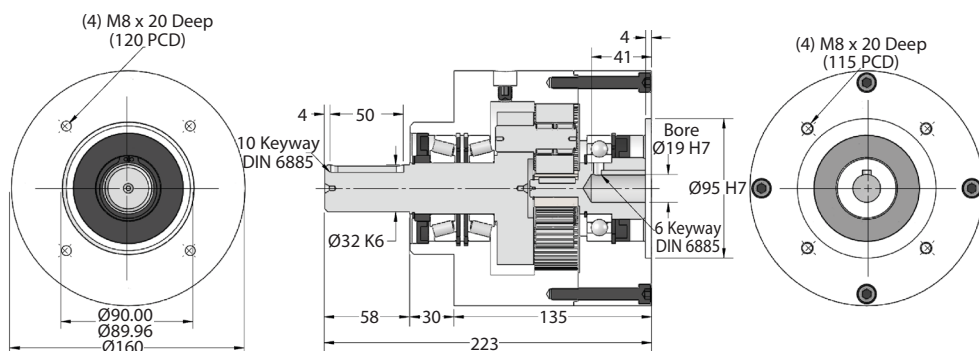
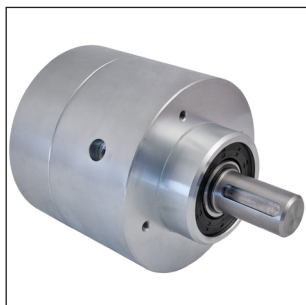
GEARBOXES

Internal Epicyclic Servo Reducers

19mm Bore Input, 32mm Shaft Output, 210 – 380Nm **3:1 - 6:1**

e-cad
Drawings
Available

EHD16



Part Number	Ratio	Efficiency at 1000 Rpm	Nm Output at 1000 Rpm	Direction
EHD16-3	3:1	92%	300	Same
EHD16-4	4:1	92%	300	Same
EHD16-5	5:1	92%	300	Same
EHD16-6	6:1	92%	250	Same

Weight: 18.86 kg. **Output Backlash:** ≈30'.

Max. Input Speed: 2,000 Rpm. **Greased for Life:** Shell Gadus S5 V42P 2.5.

Max. Overhung and Thrust Loads at 1000 Rpm:

Output Overhung Load (F_{xa}) = 100 kg. Output Thrust Load (F_a) = 100 kg.

Output Key: KK10-8-50.

Input Key: KK6-36.

Input designed to fit Standard B14 Motor Fixing. Shaft input option available.

Testing in your application is necessary.

You will need to assess duty cycles and confirm gearbox suitability with your own calculations.

All figures listed are to be used for guidance only.

Output Torque Nm

Rpm Input	Reduction Ratio			
	3:1	4:1	5:1	6:1
2000	250	250	250	210
1000	300	300	300	250
500	350	350	350	300
200	350	350	350	300
100	380	380	380	320
50	380	380	380	320