

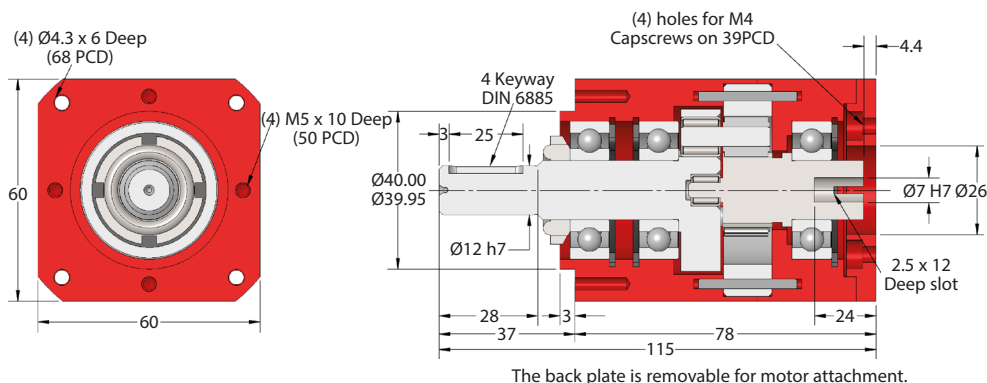
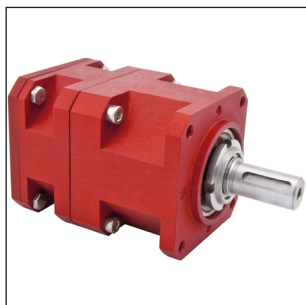
GEARBOXES

Internal Epicyclic Servo Reducers

7mm Bore Input, 12mm Shaft Output, 8 – 19Nm **3:1 - 6:1**

e-cad
Drawings
Available

EHD06



The back plate is removable for motor attachment.

Part Number	Ratio	Efficiency at 1000 Rpm	Nm Output at 1000 Rpm	Direction
EHD06-3	3:1	92%	15	Same
EHD06-4	4:1	92%	15	Same
EHD06-5	5:1	92%	15	Same
EHD06-6	6:1	92%	12	Same

Weight: 0.96 kg.

Output Backlash: 30'.

Max. Input Speed: 3,000 Rpm.

Greased for Life: Shell Gadus S5 V42P 2.5.

Max. Overhung and Thrust Loads at 1000 Rpm:

Output Overhung Load (F_{a0}) = 25kg. Output Thrust Load (F_a) = 15kg.

Output Key: KK4-25.

Input Pin: SEP2.5-16, SAP2.5-16.

Output Torque Nm

Rpm Input	Reduction Ratio			
	3:1	4:1	5:1	6:1
3000	10	10	10	8
2000	12	12	12	10
1000	15	15	15	12
500	16	16	16	13
200	18	18	18	14
100	19	19	19	15
50	19	19	19	15

A pin needs to be fitted to the motor to drive the unit. Other input drive options are 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.