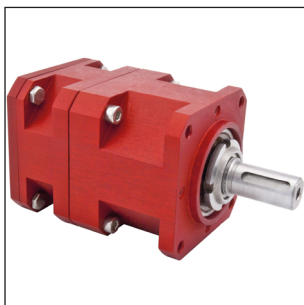
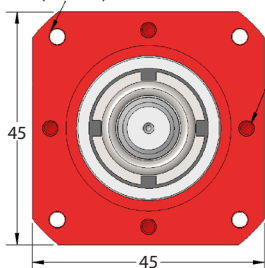
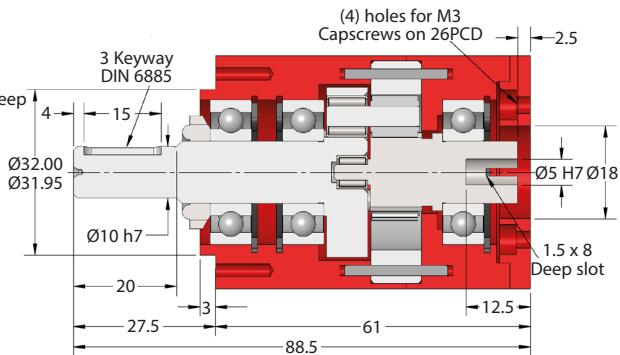


EHD04**e-cad**
Drawings
Available

GEARBOXES

Internal Epicyclic Servo Reducers

5mm Bore Input, 10mm Shaft Output, 3.4 – 7Nm **3:1 – 6:1**(4) Ø3.3 x 5 Deep
(50 PCD)(4) M3 x 8 Deep
(38 PCD)

The back plate is removable for motor attachment.

Part Number	Ratio	Efficiency at 1000 Rpm	Nm Output at 1000 Rpm	Direction
EHD04-3	3:1	90%	5.0	Same
EHD04-4	4:1	90%	5.0	Same
EHD04-5	5:1	90%	4.5	Same
EHD04-6	6:1	90%	4.5	Same

Weight: 0.44 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_a) = 20kg. Output Thrust Load (F_t) = 15kg.**Output Key:** KK3-15.**Input Pin:** SEP1.5-12, SAP1.5-12.

Output Torque Nm

Rpm Input	Reduction Ratio			
	3:1	4:1	5:1	6:1
3000	3.6	3.6	3.4	3.4
2000	4.3	4.3	4.0	4.0
1000	5.0	5.0	4.5	4.5
500	5.5	5.5	5.0	5.0
200	6.0	6.0	5.5	5.5
100	6.5	6.5	6.0	6.0
50	7.0	7.0	6.5	6.5

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.

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