

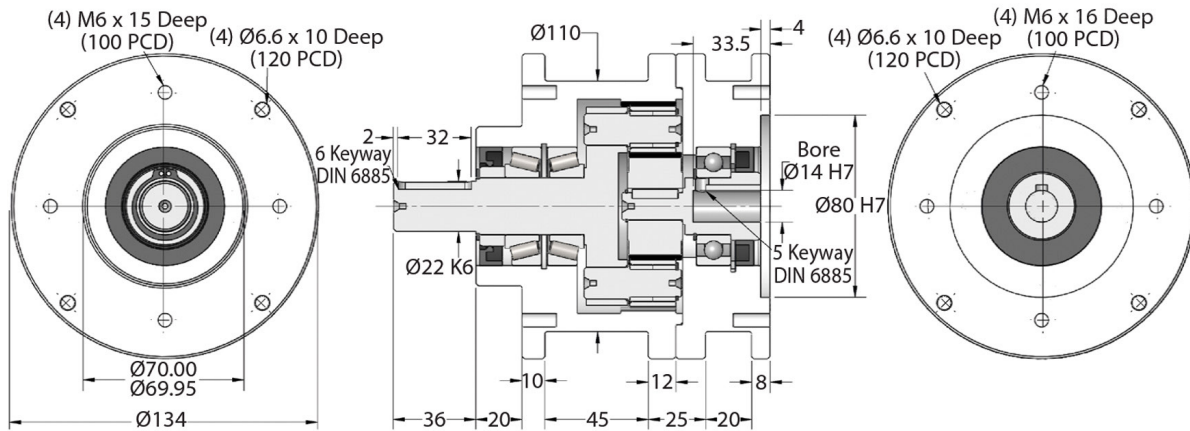
EHD12

GEARBOXES

EHD12

Internal Epicyclic Servo Reducers

14mm Bore Input, 22mm Shaft Output 60 - 140Nm **3:1 - 6:1**



Part Number	Ratio	Efficiency at 1000 Rpm	Nm Output at 1000 Rpm	Direction
EHD12-3	3:1	92%	110	Same
EHD12-4	4:1	92%	110	Same
EHD12-5	5:1	92%	110	Same
EHD12-6	6:1	92%	90	Same

Weight: 9.25 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 1000rpm:
 Output Overhung Load (F_{xa}) = 60 kg.
 Output Thrust Load (F_a) = 60 kg.
 Output Key: KK6-32.
 Input Key: KK5-25.

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
3000	75	75	75	60
2000	90	90	90	75
1000	110	110	110	90
500	120	120	120	100
200	130	130	130	110
100	140	140	140	120
50	140	140	140	120

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