

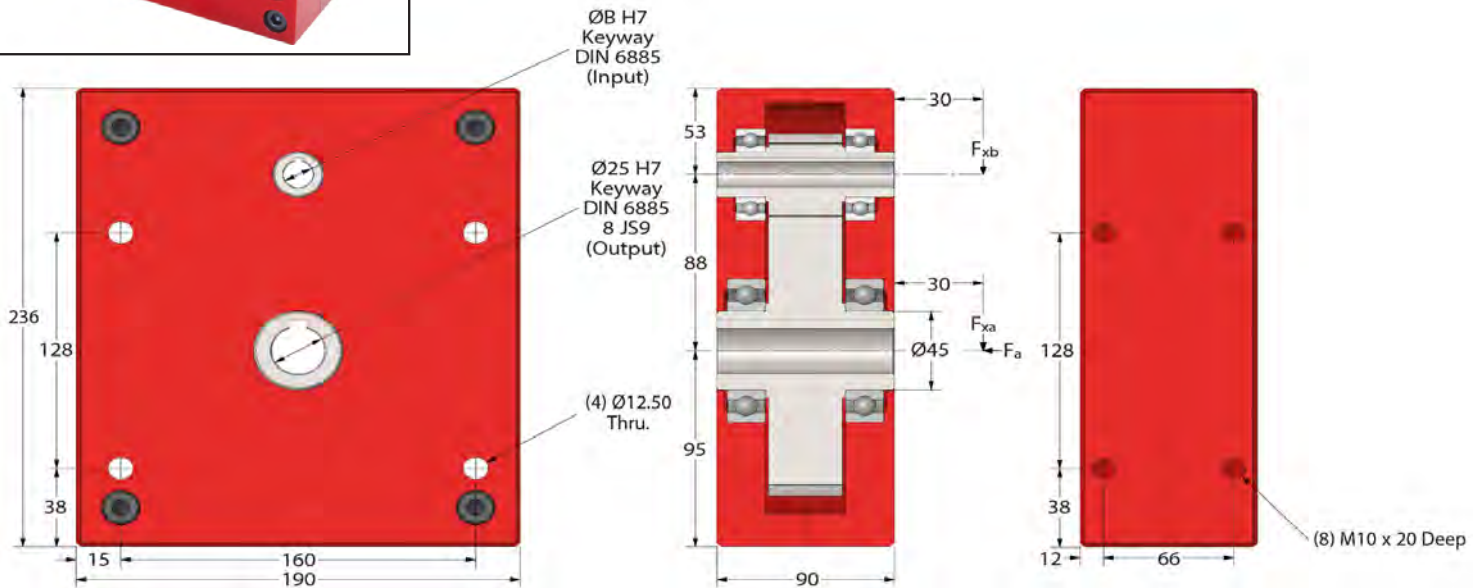
FFS40

GEARBOXES

FFS40

Bore Input Parallel Spur Gear Reducer

25mm Bore Output, 59 – 420 Nm **2:1 - 4:1**



Part Number			Ratio	Efficiency at 1000 Rpm	Nm output at 1000 Rpm
ØB = 12mm	ØB = 14mm	ØB = 15mm			
FFS40-2-12	FFS40-2-14	FFS40-2-15	2:1	93%	90
FFS40-3-12	FFS40-3-14	FFS40-3-15	3:1	93%	90
FFS40-4-12	FFS40-4-14	FFS40-4-15	4:1	93%	82

FFS40-XH-R-B*

Hardened Gears 2:1 to 7:1 multiply all figures listed by 2

* Please advise ratio (R) and input bore (B) when ordering hardened gears

e.g. FFS40-XH-3-14 = 3:1 ratio, 14mm input bore

Weight: 13.5 kg (approx.).

Output Backlash: 1°.

Max. Input Speed: 2,000 Rpm.

Greased for Life: Shell Gadus S5 V42P 2.5.

Max. Overhung and Thrust Loads at 1000 Rpm: Input Overhung Load (F_{xb}) = 30 kg.Output Overhung Load (F_{xa}) = 80 kg. Output Thrust Load (F_a) = 50 kg.

Input Keys: KK4-25, KK4-50, KK5-50. Output Keys: KK8-7-50.

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		
	2:1	3:1	4:1
2000	83	83	76
1000	90	90	82
500	103	102	95
200	120	120	110
100	138	135	126
50	156	155	146
10	210	210	196

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