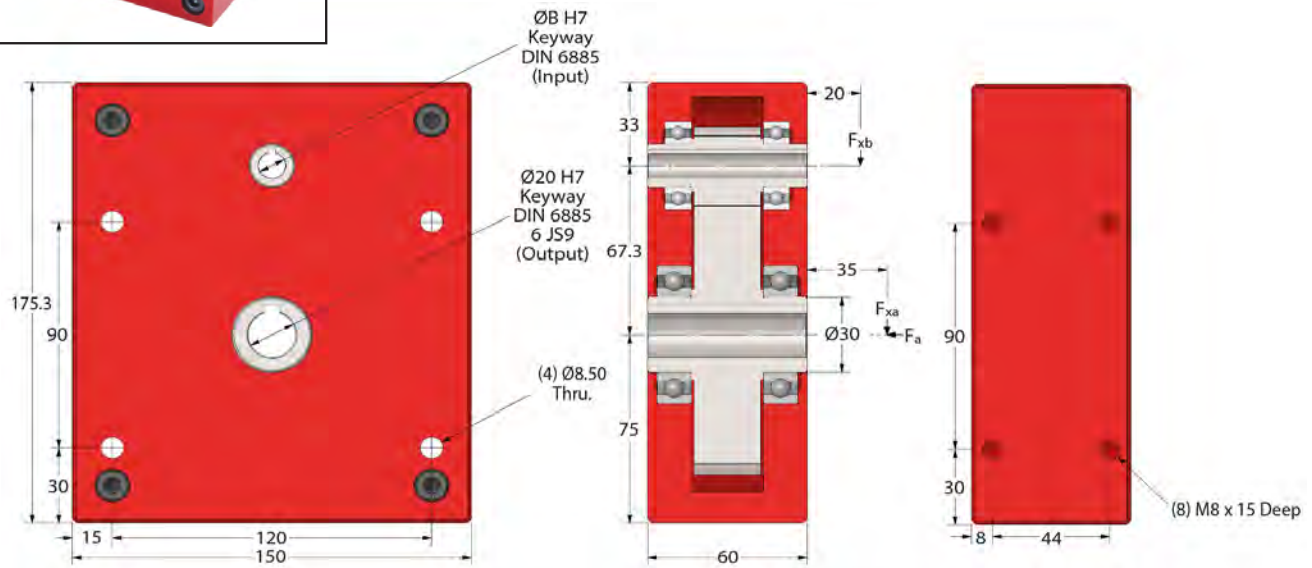


GEARBOXES

FFS30

Bore Input Parallel Spur Gear Reducer 20mm Bore Output, 21.5 – 166 Nm 2:1 - 7:1

FFS30



Part Number			Ratio	Efficiency at 1000 Rpm	Nm output at 1000 Rpm
ØB = 8mm	ØB = 9mm	ØB = 10mm			
FFS30-2-8	FFS30-2-9	FFS30-2-10	2:1	93%	39.10
FFS30-3-8	FFS30-3-9	FFS30-3-10	3:1	93%	34.40
FFS30-4-8	FFS30-4-9	FFS30-4-10	4:1	93%	29.80
FFS30-5-8	FFS30-5-9	FFS30-5-10	5:1	93%	28.70

FFS30-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. FFS30-XH-3-9 = 3:1 ratio, 9mm input bore

Weight: 5.5 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 (Fxb) = 20 kg.

Output Overhung Load (Fxa) = 60 kg. Output Thrust Load (Fa) = 40 kg.

Input Keys: KK2-22, KK2-25, KK3-40. Output Keys: KK6-50.

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	5:1
2000	33.20	29.10	25.20	24.30
1000	39.10	34.40	29.80	28.70
500	45.20	39.70	34.40	33.10
200	54.30	47.60	41.30	39.70
100	60.40	52.90	45.90	44.20
50	69.00	60.08	43.00	50.80
10	83.00	72.70	63.00	60.70

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