

GF3 Series Gear Motor (Right Angle Shaft Type)

GF3 750W

GF3 Single-phase/Three-phase 750W GF3S [Concentric Hollow Shaft] / GF3F [Concentric Solid Shaft]

Motor Parameters

Motor specifications	Power (W)	Insulation grade	Voltage (V)	Frequency (Hz)	Rated current (A)	Rated operating speed (rpm)	Capacitance (μF)
Three-phase	750	F	380	50	2.13	1400	-
			220	50	3.66	1400	-

Torque Table of Gear Motor

Motor power	Shaft diameter	Reduction ratio	Operating speed of output shaft (rpm)	Allowable torque of output shaft		Allowable O.H.L. of output shaft		Allowable axial load of output shaft		Outline Dimension	
			50Hz	N.m	Kgf.m	N	Kgf	N	Kgf	Gear motor with brake	
Three-phase 750W	35 (32)	1/10	150	41	4.2	2450	250	613	63	Figure GF3-21	Figure GF3-22
		1/15	100	63	6.4	2740	280	686	70		
		1/20	75	83	8.5	2990	305	747	76		
		1/25	60	104	10.6	3190	325	796	81		
		1/30	50	124	12.7	3280	335	821	84		
		1/40	37.5	166	16.9	3480	355	870	89		
		1/50	30	208	21.2	3480	355	870	89		
		1/60	25	249	25.4	3480	355	870	89		

Notes: 1. The allowable O.H.L. of the output shaft should be considered when the chain tooth, conveyor belt, and gear are used to connect the reducer shaft and the supporting machines.

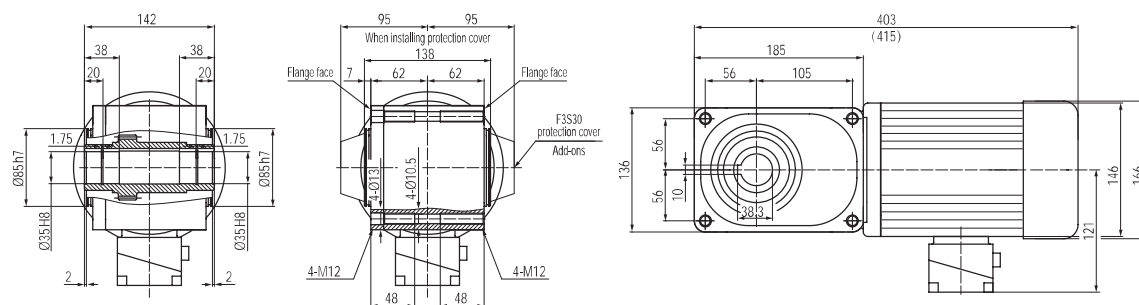
2. Location of allowable O.H.L. load in the table (solid shaft: center of the output shaft; hollow shaft: at 20mm to the end surface of the output shaft).

3. The value in the bracket is the shaft diameter of GF3F concentric solid shaft.

Outline Dimension

GF3S35N010-60-750

Figure GF3-21



GF3F32R010-60-750

Figure GF3-22

