

TORQUE, THRUST AND MOUNTING SPECIFICATIONS

GEARBOX TYPE IB		1	2	3	4	5	6	7	8	9	10	11	12	13	14	
RATIO	FACTOR	MAXIMUM OUTPUT TORQUE Lbs ft & (Nm) FOR MANUAL APPLICATION														
1:1	0.85	125 (170)	280 (380)													
2:1	1.70				280 (380)											
3:1	2.55				625 (850)	1250 (1700)	1875 (2550)									
4:1	3.40								4000 (5423)							
6:1	5.10				500 (680)	1000 (1355)	1500 (2033)						8000 (10846)			
8:1	6.80															
RATIO	FACTOR	MAXIMUM OUTPUT TORQUE Lbs ft & (Nm) FOR MOTORISED APPLICATION														
1:1	0.85	100 (136)	225 (306)													
2:1	1.70				225 (306)											
3:1	2.55				500 (678)	1000 (1355)	1500 (2033)									
4:1	3.40								3000 (4067)							
6:1	5.10				400 (542)	800 (1084)	1200 (1627)						6000 (8135)			
8:1	6.80															
MAX THRUST	Lbsx1000 (KN)	5 (22)	12 (54)	40 (178)	12 (54)	40 (178)	80 (356)		100 (445)		150 (670)		250 (1112)	350 (1557)		
MAX SPINDLE ACCEPTANCE IN mm	BORE AND KEY THREAD	25	40	52	40	52	52	65	65	76	76	90	90	110	120	
		27.5	45	55	45	55	55	73	73	86	86	100	100	127	150	
INPUT FLANGE		F10 / F14				F10 / F14 / F16			F10/ F14/ F16/ F25			F14 / F16 / F25				
OUTPUT FLANGE		F07	F10	F14	F10	F14	F14	F16	F16	F25	F25	F30	F30	F35	F40	
APPROX. WEIGHT	Lbs	22	36	40	36	44	62	78	121	155	231	276	380	441	754	
	Kg	10	16	18	16	20	28	35	55	70	105	125	172	200	342	

For further reductions and ratios see the combined Bevel and Spur Gearboxes Sizing Chart.