



**COMBINED BEVEL AND SPUR (IB/AS) GEARBOXES
SIZING CHART FOR MANUAL OPERATION**

Primary Gearbox	Primary Ratio	Primary Mechanical Advantage	Primary Output Torque Nm	Secondary Spur Attachment	Second Ratio	Secondary Mechanical Advantage	Secondary Output Torque Nm	Total Ratio	Total Mechanical Advantage	Total Output Torque Nm	Thrust kN
IB12/13/14	6	5.1	10846	AS6	6	5.4	1700	36	27.54	8670	IB12 = 670, IB13 = 1112 IB14 = 1557
IB12/13/14	8	6.8	10846	AS6	6	5.4	1700	48	36.72	10846	
IB12/13/14	8	6.8	10846	AS6	8	7.2	1700	64	48.96	10846	
IB12/13/14	6	5.1	10846	AS8	10	9.18	2550	60	46.82	10846	IB12 = 670, IB13 = 1112 IB14 = 1557
IB12/13/14	8	6.8	10846	AS8	8	7.156	2550	64	48.66	10846	
IB12/13/14	6	5.1	10846	AS8	12	11.03	2550	72	56.25	10846	
IB12/13/14	8	6.8	10846	AS8	10	9.18	2550	80	62.42	10846	
IB12/13/14	6	5.1	10846	AS8	15	13.52	2550	90	68.95	10846	
IB12/13/14	8	6.8	10846	AS8	12	11.03	2550	96	75.00	10846	
IB12/13/14	8	6.8	10846	AS8	15	13.52	2550	120	91.94	10846	

MA updated in line with current product brochures
For torques at 8018 Nm or lower refer to the HOB data sheet