



BRM : Worm Gear Box

Model	Type		Output Specifications				Mechanical Advantage (Reduction Ratio x Efficiency)	Input Shaft Torque (Nm)	No of Revs (Rev)	Weight (kg)
	Electric (F)	Manual (H)	Allowable Torque (Nm)	Gear Ratio	Flange Bolt Size Bolt Tightening Torque	Allowable Valve Rod Diameter (mm)				
BRM-0	-	○	500	1/40	F10 M10 16Nm	28	12	41.7	10	7.5
BRM-1	○	○	1,000	1/40	F12	38	12	83.3	10	13
	-1S	-		1/80	M12		23.3	42.9	20	17.5
	-1B	○		1/80	32Nm		23.3	42.9	20	17.5
BRM-2	○	○	2,000	1/60	F14	50	18	111.1	15	19.5
	-1S	-		1/150	M16		43.7	45.8	37.5	25
	-1B	○		1/150	76Nm		43.7	45.8	37.5	24
BRM-3	○	○	3,000	1/60	F16	60	18	166.7	15	22
	-1S	-		1/150	M20		43.7	68.7	37.5	27.5
	-1B	○		1/150	121Nm		43.7	68.7	37.5	26.5
BRM-4	○	○	4,000	1/60	F16	75	18	222.2	15	34.5
	-1S	-		1/150	M20		43.7	91.6	37.5	42.5
	-1B	○		1/150	162Nm		43.7	91.6	37.5	45.5
BRM-5	○	○	5,000	1/60	F20	75	18	277.8	15	37.5
	-1S	○		1/150	M16		43.7	114.5	37.5	45.5
	-1B	○		1/150	65Nm		43.7	114.5	37.5	48.5
BRM-10	○	-	10,000	1/60	F25	100 (95)	18	555.6	15	66.5
	-1S	○		1/180	M16		52.4	190.9	45	85
	-1B	○		1/180	105Nm		52.4	190.9	45	95.5
	-2S	-		1/540			152.4	65.6	135	98
	-2B	-		1/450			127	78.7	112.5	96
BRM-18	○	×	18,000	1/60	F30	115 (110)	18	1,000	15	116
	-1S	○		1/180	M20		52.4	343.6	45	137
	-1B	○		1/180	201Nm		52.4	343.6	45	145
	-2S	-		1/540			152.4	118.1	135	153
	-2B	-		1/450			127	141.7	112.5	148
BRM-40	○	-	40,000	1/60	F35	150 (145)	18	2,222	15	202
	-1S	○		1/240	M30		69.8	572.7	60	232
	-1B	○		1/240	562Nm		69.8	572.7	60	247
	-2S	-		1/960			271	147.6	240	255
	-2B	-		1/720			203.2	196.8	180	261
	-3B	-		1/2,400			657.1	60.9	600	266
BRM-80	○	-	80,000	1/65	F40	180	19.5	4,103	16.3	397
	-1S	○		1/260	M36		75.7	1,057	65	443
	-1B	○		1/260	1,182Nm		75.7	1,057	65	489
	-2S	-		1/1,040			293.6	272.5	260	480
	-2B	-		1/780			220.2	363.4	195	472
	-3B	-		1/3,120			854.3	93.6	780	510
BRM-150	○	-	150,000	1/65	F48	220	19.5	7,692	16.3	867
	-1S	○		1/325	M36		94.6	1,586	81.3	989
	-1B	○		1/325	1,242Nm		94.6	1,586	81.3	1,060
	-2S	-		1/1,625			458.7	327	406.3	1,090
	-2B	-		1/1,300			367	408.8	325	1,034
	-3B	-		1/4,875			1,335	112.4	1,218.8	1,120

Note: Above values are subject to change without notice.