



## SELECTION & PERFORMANCE TABLE OF BLM-BC (HELI-WORM) SERIES

Size	Ratio	Input Power	Output		
			$n_2$ (r/min)	$M_2$ (N.m)	
40 / 63	75 (3x25)	0.12	18.7	42	
		0.18		49	
	90 (3x30)	0.12	15.6	45	
		0.18		61	
	120 (3x40)	0.12	11.7	50	
		0.18		52	
	150 (3x50)	0.12	9.3	7.8	46
	180 (3x60)			5.8	40
240 (3x80)	4.7			36	
300 (3x100)					
50/	63	75 (3x25)	0.18	18.7	62
	71	79.3 (3.17x25)	0.25	17.7	91
	63	90 (3x30)	0.18	15.6	69
	71	95.1 (3.17x30)	0.25	14.7	102
	63	120 (3x40)	0.18	11.7	85
	71	126.8 (3.17x40)	0.25	11	100
	63	150 (3x50)	0.12	9.3	66
			0.18		89
		180 (3x60)	0.12	7.8	74
			0.18		88
		240 (3x80)	0.12	5.8	78
			0.18		76
300 (3x100)	0.12	4.7	65		
63/	71	79.3 (3.17x25)	0.25	17.7	94
			0.37		139
		95.1 (3.17x30)	0.25	14.7	103
			0.37		153
		126.8 (3.17x40)	0.25	11	129
			0.37		191
	63	150 (3x50)	0.18	9.3	101
	71	158.5 (3.17x50)	0.25	8.8	148
			0.37		176
	63	180 (3x60)	0.18	7.8	115
	71	190.2 (3.17x60)	0.25	7.4	151
	63	240 (3x80)	0.12	5.8	90
			0.18		136
	71	253.6 (3.17x80)	0.25	5.5	139
	63	300 (3x100)	0.12	4.7	101
			0.18		121
	71	317 (3.17x100)	0.25	4.4	128
	75/	80	75 (3x25)	0.55	18.7
0.75				247	
0.92				269	
71		79.3 (3.17x25)	0.37	17.7	143
					225
80		90 (3x30)	0.55	15.6	307
			0.92		300
71		95.1 (3.17x30)	0.37	14.7	160
80		120 (3x40)	0.55	11.7	278
71		126.8 (3.17x40)	0.37	11	198
80		150 (3x50)	0.55	9.3	260
			0.25		156
71		158.5 (3.17x50)	0.37	8.8	231

Size	Ratio	Input Power	Output			
			$n_2$ (r/min)	$M_2$ (N.m)		
75/71	190.2 (3.17x60)	0.25	7.4	178		
		0.37		236		
	253.6 (3.17x80)	0.25	5.5	208		
90/	317 (3.17x100)		4.4	214		
	80	90 (3x30)	0.55	15.6	235	
			0.75		320	
		120 (3x40)	0.55	11.7	291	
			0.75		397	
		150 (3x50)	0.55	9.3	347	
			0.75		426	
	180 (3x60)	0.55	7.8	390		
		0.75		425		
	71	190.2 (3.17x60)	0.37	7.4	278	
	80	240 (3x80)	0.55	5.8	374	
			0.37		332	
	71	317 (3.17x100)	0.37	4.4	345	
	110/	90	72.6 (2.42x30)	19.3	1.1	384
					1.5	524
					1.8	629
80		74 (3x25)	0.75	14.5	293	
90		96.8 (2.42x40)	1.1	14.5	498	
			1.5		697	
			1.8		815	
80		120 (3x40)	0.75	9.3	421	
90		121 (2.42x50)	1.1	11.6	587	
			1.5		801	
			1.8		768	
		145.2 (2.42x60)	1.1	9.6	673	
			1.5		733	
			1.8		733	
80		150 (3x50)	0.75	7.8	496	
90	180 (3x60)	0.55	7.8	417		
		0.75		569		
90	193.6 (2.42x80)	1.1	7.2	648		
80	240 (3x60)	0.55	5.8	503		
		0.75		617		
300 (3x100)		0.55	4.7	585		
130/	90	72.6 (2.42x30)	19.3	1.1	390	
				1.5	531	
				1.8	638	
	96.8 (2.42x40)	14.5	1.1	14.5	498	
			1.5		679	
			1.8		815	
	121 (2.42x50)	11.6	1.1	11.6	596	
			1.5		813	
			1.8		976	
		145.2 (2.42x60)	9.6	1.1	9.6	673
				1.5		917
				1.5		1101
	193.6 (2.42x80)	7.2	1.1	7.2	826	
			1.5		1013	
	80	240 (3x80)	0.75	5.8	698	
	90	242 (2.42x100)	1.1		848	
	80	300 (3x100)	0.55	4.7	585	
			0.75		797	