

LACM

GEARBOXES

Heavy Duty Wormwheel Gearbox with Motor

0.061kW – 1.5kW, 1.8Nm – 197Nm • Bore Output

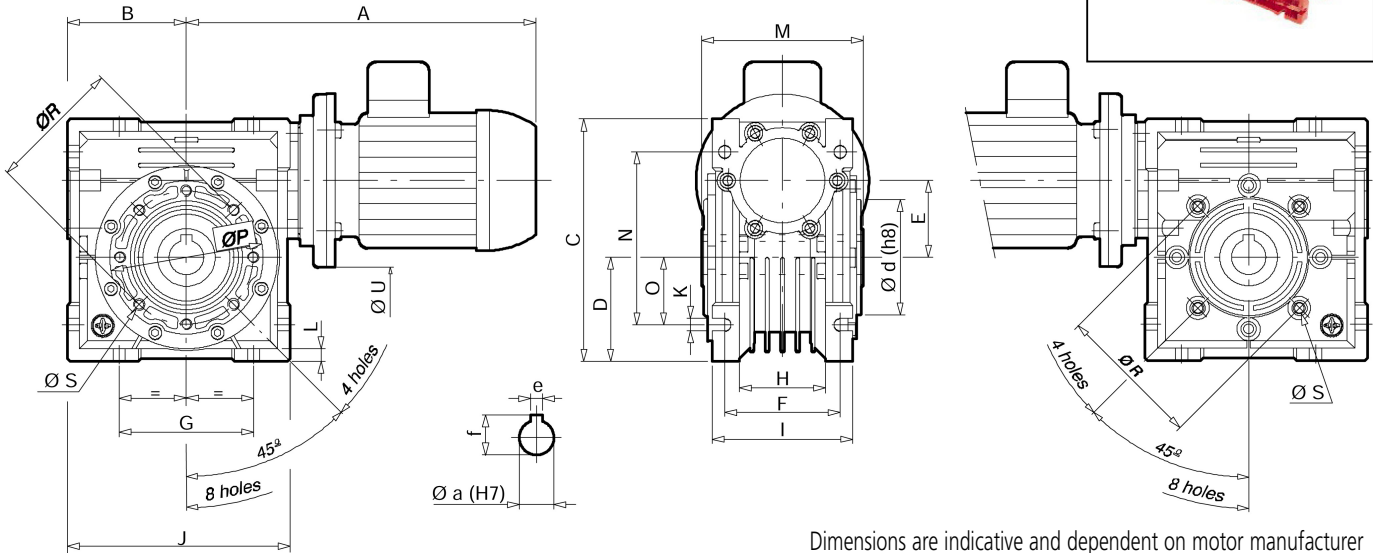
Motor

Supply: 3PH, 50Hz, 380-415V.
Enclosure: IP55.

Extras

Output Shafts available.

n2 = Output Speed.
M2 = Output Torque.
IR = Actual Reduction Ratio
fb = Service Factor



Dimensions are indicative and dependent on motor manufacturer

Part Number	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	R	ØU	No. Holes	S	a	e	f	d	Weight Kg
LACM40	325	62	126	54	40	60	70	45	73	116	6.5	6.5	84	90	35	95	75	140	4	M6x14	18	6	20.8	60	5.4
LACM49	350	72	146	60	49	66	80	44	79	132	8.5	7.0	86	104	40	111	85	140	4	M8x12	25	8	28.3	70	9.5
LACM61	421	85	180	72	61	85	100	61	103	157	9.0	8.0	110	130	50	130	95	200	8	M8x12	30	8	33.3	80	15.5

Part Number	n2 (rpm)	M2 (Nm)	IR	fb	B5 Motor Frame	Motor Poles	Price Each	Part Number	n2 (rpm)	M2 (Nm)	IR	fb	B5 Motor Frame	Motor Poles	Price Each
Motor Power [Kw] 0.061							Motor Power [Kw] 0.092								
LACM61A100-8	6.8	37.0	100	2.40	63	8	£540.08	LACM61B100-8	6.9	55.0	100	1.60	71	8	£540.08
LACM61A80-8	8.5	33.0	80	3.40	63	8	£540.08	LACM61B100-6	8.8	46.0	100	1.90	63	6	£498.40
LACM49A100-8	6.8	38.0	100	1.30	63	8	£440.84	LACM61B80-6	11.0	40.0	80	2.70	63	6	£498.40
LACM49A80-8	8.5	33.0	80	1.90	63	8	£440.84	LACM49B100-8	6.9	57.0	100	0.83	71	8	£440.84
LACM49A65-8	10.0	29.0	65	2.50	63	8	£440.84	LACM49B100-6	8.8	46.0	100	1.00	63	6	£399.15
LACM49A100-4	14.0	21.0	100	2.00	56	4	£381.36	LACM49B80-6	11.0	40.0	80	1.50	63	6	£399.15
LACM40A100-8	6.8	36.0	100	0.66	63	8	£393.05	LACM49B100-4	14.0	32.0	100	1.30	56	4	£381.36
LACM40A80-8	8.5	32.0	80	1.00	63	8	£393.05	LACM40B80-6	11.0	39.0	80	0.86	63	6	£351.38
LACM40A65-8	10.0	28.0	65	1.60	63	8	£393.05	LACM40B100-4	14.0	30.0	100	0.72	56	4	£333.58
LACM40A100-4	14.0	20.0	100	1.10	56	4	£333.58	LACM40B80-4	17.0	27.0	80	1.10	56	4	£333.58
LACM40A80-4	17.0	18.0	80	1.70	56	4	£333.58	LACM40B65-4	21.0	23.0	65	1.70	56	4	£333.58
LACM40A65-4	21.0	15.0	65	2.60	56	4	£333.58	LACM40B50-4	27.0	19.0	50	2.20	56	4	£333.58
LACM40A50-4	27.0	12.0	50	3.40	56	4	£333.58	LACM40B40-4	34.0	16.0	40	3.00	56	4	£333.58
LACM40A40-4	34.0	10.0	40	4.50	56	4	£333.58	LACM40B29-4	47.0	12.0	29	4.20	56	4	£333.58
LACM40A29-4	47.0	8.0	29	6.40	56	4	£333.58	LACM40B19-4	71.0	8.5	19	5.00	56	4	£333.58
LACM40A19-4	71.0	5.7	19	7.50	56	4	£333.58	LACM40B15-4	90.0	7.4	15	6.20	56	4	£333.58
LACM40A15-4	90.0	4.9	15	9.40	56	4	£333.58	LACM40B10-4	135.0	5.2	10	7.80	56	4	£333.58
LACM40A10-4	135.0	3.5	10	12.00	56	4	£333.58	LACM40B5-4	270.0	2.8	5	11.00	56	4	£333.58
LACM40A5-4	270.0	1.8	5	16.00	56	4	£333.58								

Material

Gearbox Casing: Aluminium. **Wormwheel:** Special Alloy Spun Bronze. **Worm:** Case hardened steel (58-61 Rockwell C).
Finish: Electrostatically painted with Epoxy Polyester powder at 205°C.

Other info.

Normal position terminal box board. Approximate weights are shown in the tables. All units can be supplied with brake motor.

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Product information updated 1st April 2011 and subject to change. Please contact Sales for the latest prices and availability.

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Part Number	n2 (rpm)	M2 (Nm)	IR	fb	B5 Motor Frame	Motor Poles	Price Each	Part Number	n2 (rpm)	M2 (Nm)	IR	fb	B5 Motor Frame	Motor Poles	Price Each
Motor Power [Kw] 0.122								Motor Power [Kw] 0.37							
LACM61C100-8	6.8	74.0	100	1.20	71	8	£540.08	LACM61F80-4	17	110	80	0.85	71	4	£502.19
LACM61C100-6	8.8	60.0	100	1.40	63	6	£498.40	LACM61F65-4	21	96	65	1.20	71	4	£502.19
LACM61C80-6	11.0	53.0	80	2.10	63	6	£498.40	LACM61F50-4	27	81	50	1.60	71	4	£502.19
LACM61C100-4	14.0	41.0	100	1.80	63	4	£480.59	LACM49F65-4	21	96	65	0.65	71	4	£402.94
LACM61C80-4	17.0	36.0	80	2.60	63	4	£480.59	LACM49F50-4	27	78	50	0.98	71	4	£402.94
LACM49C100-6	8.8	62.0	100	0.77	63	6	£399.15	LACM49F40-4	34	66	40	1.30	71	4	£402.94
LACM49C80-6	11.0	53.0	80	1.20	63	6	£399.15	LACM49F29-4	47	50	29	1.70	71	4	£402.94
LACM49C100-4	14.0	42.0	100	1.00	63	4	£381.36	LACM49F19-4	72	35	19	1.90	71	4	£402.94
LACM49C80-4	17.0	36.0	80	1.50	63	4	£381.36	LACM49F15-4	91	31	15	2.60	71	4	£402.94
LACM49C65-4	21.0	32.0	65	2.00	63	4	£381.36	LACM49F10-4	137	21	10	3.20	71	4	£402.94
LACM49C50-4	27.0	26.0	50	3.00	63	4	£381.36	LACM40F40-4	34	62	40	0.74	71	4	£355.16
LACM40C80-6	11.0	51.0	80	0.65	63	6	£351.38	LACM40F29-4	47	48	29	1.10	71	4	£355.16
LACM40C80-4	17.0	35.0	80	0.86	63	4	£333.58	LACM40F19-4	72	34	19	1.20	71	4	£355.16
LACM40C65-4	21.0	30.0	65	1.30	63	4	£333.58	LACM40F15-4	91	29	15	1.50	71	4	£355.16
LACM40C50-4	27.0	25.0	50	1.70	63	4	£333.58	LACM40F10-4	137	21	10	1.90	71	4	£355.16
LACM40C40-4	34.0	21.0	40	2.30	63	4	£333.58	LACM40F5-4	274	11	5	2.60	71	4	£355.16
LACM40C29-4	47.0	16.0	29	3.20	63	4	£333.58	Motor Power [Kw] 0.55							
LACM40C19-4	72.0	11.0	19	3.70	63	4	£333.58	LACM61G65-4	21	141	65	0.82	80	4	£523.54
LACM40C15-4	91.0	9.7	15	4.70	63	4	£333.58	LACM61G50-4	28	118	50	1.10	80	4	£523.54
LACM40C10-4	137.0	6.9	10	5.90	63	4	£333.58	LACM61G40-4	35	99	40	1.40	80	4	£523.54
LACM40C5-4	273.0	3.7	5	8.00	63	4	£333.58	LACM61G29-4	48	78	29	1.90	80	4	£523.54
Motor Power [Kw] 0.18								LACM61G20-4	70	59	20	2.20	80	4	£523.54
LACM61D100-6	8.8	89.0	100	0.98	71	6	£498.40	LACM61G15-4	93	46	15	3.00	80	4	£523.54
LACM61D80-6	11.0	78.0	80	1.40	71	6	£498.40	LACM61G10-4	139	32	10	3.80	80	4	£523.54
LACM61D100-4	14.0	61.0	100	1.20	63	4	£480.59	LACM61G5-4	278	17	5	4.80	80	4	£523.54
LACM61D80-4	17.0	53.0	80	1.80	63	4	£480.59	LACM49G29-4	48	74	29	1.10	80	4	£424.29
LACM49D100-4	14.0	62.0	100	0.69	63	4	£381.36	LACM49G19-4	73	52	19	1.30	80	4	£424.29
LACM49D80-4	17.0	53.0	80	1.00	63	4	£381.36	LACM49G15-4	93	45	15	1.70	80	4	£424.29
LACM49D65-4	21.0	47.0	65	1.30	63	4	£381.36	LACM49G10-4	139	31	10	2.20	80	4	£424.29
LACM49D50-4	27.0	38.0	50	2.00	63	4	£381.36	LACM49G5-4	278	16	5	2.90	80	4	£424.29
LACM40D65-4	21.0	44.0	65	0.88	63	4	£333.58	Motor Power [Kw] 0.75							
LACM40D50-4	27.0	36.0	50	1.10	63	4	£333.58	LACM61H50-4	28	160	50	0.78	80	4	£538.21
LACM40D40-4	34.0	30.0	40	1.50	63	4	£333.58	LACM61H40-4	35	134	40	1.00	80	4	£538.21
LACM40D29-4	47.0	23.0	29	2.20	63	4	£333.58	LACM61H29-4	48	105	29	1.40	80	4	£538.21
LACM40D19-4	72.0	17.0	19	2.50	63	4	£333.58	LACM61H20-4	70	80	20	1.60	80	4	£538.21
LACM40D15-4	91.0	14.0	15	3.20	63	4	£333.58	LACM61H15-4	93	63	15	2.20	80	4	£538.21
LACM40D10-4	137.0	10.0	10	4.00	63	4	£333.58	LACM61H10-4	140	44	10	2.80	80	4	£538.21
LACM40D5-4	273.0	5.4	5	5.40	63	4	£333.58	LACM61H5-4	280	23	5	3.50	80	4	£538.21
Motor Power [Kw] 0.25								LACM49H29-4	48	101	29	0.82	80	4	£438.96
LACM61E100-6	8.7	125.0	100	0.71	71	6	£522.70	LACM49H19-4	74	70	19	0.96	80	4	£438.96
LACM61E80-6	11.0	110.0	80	1.00	71	6	£522.70	LACM49H15-4	93	61	15	1.30	80	4	£438.96
LACM61E100-4	14.0	86.0	100	0.89	71	4	£487.92	LACM49H10-4	140	42	10	1.60	80	4	£438.96
LACM61E80-4	17.0	75.0	80	1.30	71	4	£487.92	LACM49H5-4	280	22	5	2.10	80	4	£438.96
LACM61E65-4	21.0	66.0	65	1.80	71	4	£487.92	Motor Power [Kw] 1.1							
LACM61E50-4	27.0	55.0	50	2.30	71	4	£487.92	LACM61J40-4	35	197	40	0.70	90	4	£581.57
LACM49E80-4	17.0	74.0	80	0.74	71	4	£388.67	LACM61J20-4	70	119	20	1.10	90	4	£581.57
LACM49E65-4	21.0	66.0	65	0.97	71	4	£388.67	LACM61J15-4	93	93	15	1.50	90	4	£581.57
LACM49E50-4	27.0	54.0	50	1.40	71	4	£388.67	LACM61J10-4	139	65	10	1.90	90	4	£581.57
LACM49E40-4	34.0	45.0	40	1.90	71	4	£388.67	LACM61J5-4	278	33	5	2.40	90	4	£581.57
LACM49E29-4	47.0	35.0	29	2.50	71	4	£388.67	Motor Power [Kw] 1.5							
LACM49E19-4	71.0	24.0	19	2.90	71	4	£388.67	LACM61K20-4	70	161	20	0.82	90	4	£624.69
LACM49E15-4	90.0	21.0	15	3.80	71	4	£388.67	LACM61K15-4	93	126	15	1.10	90	4	£624.69
LACM49E10-4	135.0	15.0	10	4.70	71	4	£388.67	LACM61K10-4	140	88	10	1.40	90	4	£624.69
LACM40E40-4	34.0	43.0	40	1.10	71	4	£340.90	LACM61K5-4	280	45	5	1.80	90	4	£624.69
LACM40E29-4	47.0	33.0	29	1.60	71	4	£340.90								
LACM40E19-4	71.0	23.0	19	1.80	71	4	£340.90								
LACM40E15-4	90.0	20.0	15	2.30	71	4	£340.90								
LACM40E10-4	135.0	14.0	10	2.90	71	4	£340.90								
LACM40E5-4	270.0	7.6	5	3.90	71	4	£340.90								

Ondrives Ltd. reserves the right to modify any dimensions, without changing the type number of reducers.

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