



Electric Motors & Drives (Pty) LTD

525V WEM Motors Performance Data

Level 2 B-BBEE Contributor

WEM TYPE (IE1)	Power KW	Voltage	Current	IE1 eff(100%)	IE1 eff(75%)	IE1 eff(50%)	R/min	Frequency	KG	COS	DE	NDE	Duty	Temp2	Other
YE1-63M1-2	0,18	525V	0.38A	65.00%	65.00%	63.00%	2720	50	12	0,81	6201	6201	S1	Δ+80K	H/IP66
YE1-63M2-2	0,25	525V	0.50A	68.00%	68.00%	66.00%	2720	50	13	0,82	6201	6201	S1	Δ+80K	H/IP66
YE1-71M1-2	0,37	525V	0.79A	63.90%	63.90%	61.50%	2740	50	14	0,81	6202	6202	S1	Δ+80K	H/IP66
YE1-71M2-2	0,55	525V	1007A	69.00%	69.00%	66.60%	2740	50	15	0,82	6202	6202	S1	Δ+80K	H/IP66
YE1-80M1-2	0,75	525V	1.37A	72.10%	72.10%	70.20%	2830	50	16	0,83	6204	6204	S1	Δ+80K	H/IP66
YE1-80M2-2	1,10	525V	1.92A	75.00%	75.00%	74.50%	2830	50	17	0,84	6204	6204	S1	Δ+80K	H/IP66
YE1-90S-2	1,50	525V	2.54A	77.20%	77.20%	76.60%	2840	50	22	0,84	6205	6205	S1	Δ+80K	H/IP66
YE1-90L-2	2,20	525V	3.57A	79.70%	79.70%	78.90%	2840	50	25	0,85	6205	6205	S1	Δ+80K	H/IP66
YE1-100L-2	3,00	525V	4.65A	81.50%	81.50%	80.40%	2870	50	33	0,87	6206	6206	S1	Δ+80K	H/IP66
YE1-112M-2	4,00	525V	6.01A	83.10%	83.10%	80.70%	2890	50	45	0,88	6306	6306	S1	Δ+80K	H/IP66
YE1-132S1-2	5,50	525V	8.12A	84.70%	84.70%	83.90%	2900	50	64	0,88	6308	6308	S1	Δ+80K	H/IP66
YE1-132S2-2	7,50	525V	10.9A	86.00%	86.00%	85.40%	2900	50	70	0,88	6308	6308	S1	Δ+80K	H/IP66
YE1-132MB-2	9,20	525V	13.4A	86.00%	86.00%	85.40%	2900	50	70	0,88	6308	6308	S1	Δ+80K	H/IP66
YE1-160M1-2	11,00	525V	15.5A	87.60%	87.60%	86.80%	2930	50	117	0,89	6309	6309	S1	Δ+80K	H/IP66
YE1-160M2-2	15,00	525V	20.9A	88.70%	88.70%	83.60%	2930	50	125	0,89	6309	6309	S1	Δ+80K	H/IP66
YE1-160L-2	18,50	525V	2.53A	89.30%	89.30%	88.50%	2930	50	147	0,9	6309	6309	S1	Δ+80K	H/IP66
YE1-180M-2	22,00	525V	29.9A	89.90%	89.90%	88.30%	2940	50	180	0,9	6311	6311	S1	Δ+80K	H/IP66
YE1-200L1-2	30,00	525V	40.4A	90.70%	90.70%	89.50%	2950	50	240	0,9	6312	6312	S1	Δ+80K	H/IP66
YE1-200L2-2	37,00	525V	49.6A	91.20%	91.20%	90.10%	2950	50	255	0,9	6312	6312	S1	Δ+80K	H/IP66
YE1-225M-2	45,00	525V	60.0A	91.70%	91.70%	90.60%	2970	50	309	0,9	NU312	6312	S1	Δ+80K	H/IP66
YE1-250M-2	55,00	525V	73.0A	92.10%	92.10%	90.80%	2970	50	403	0,9	NU313	6313	S1	Δ+80K	H/IP66
YE1-250MB-2	75,00	525V	98.9A	92.70%	92.70%	91.70%	2970	50	540	0,9	NU314	6314	S1	Δ+80K	H/IP66
YE1-280S-2	75,00	525V	98.9A	92.70%	92.70%	91.70%	2970	50	544	0,9	NU314	6314	S1	Δ+80K	H/IP66
YE1-280M-2	90,00	525V	117A	93.00%	93.00%	92.30%	2970	50	632	0,91	NU314	6314	S1	Δ+80K	H/IP66
YE1-280MB-2	110,00	525V	142A	93.30%	93.30%	92.60%	2970	50	754	0,91	NU315	6315	S1	Δ+80K	H/IP66
YE1-315S-2	110,00	525V	143A	93.30%	93.30%	92.60%	2975	50	980	0,91	6317	6317	S1	Δ+80K	H/IP66
YE1-315M-2	132,00	525V	171A	93.50%	93.50%	92.80%	2975	50	1080	0,91	6317	6317	S1	Δ+80K	H/IP66
YE1-315L1-2	160,00	525V	204A	93.80%	93.80%	93.10%	2975	50	1160	0,92	6317	6317	S1	Δ+80K	H/IP66
YE1-315L-2	185,00	525V	236A	93.80%	93.80%	93.10%	2980	50	1190	0,92	6317	6317	S1	Δ+80K	H/IP66
YE1-315L2-2	200,00	525V	254A	94.00%	94.00%	93.30%	2975	50	1190	0,92	6317	6317	S1	Δ+80K	H/IP66
YE1-355MA-2	220,00	525V	280A	94.00%	94.00%	93.00%	2980	50	1680	0,92	6319	6319	S1	Δ+80K	H/IP66
YE1-355M-2	250,00	525V	318A	94.00%	94.00%	93.00%	2980	50	1760	0,92	6319	6319	S1	Δ+80K	H/IP66
YE1-355LA-2	280,00	525V	356A	94.00%	94.00%	93.00%	2980	50	1825	0,92	6319	6319	S1	Δ+80K	H/IP66
YE1-355LA-2	315,00	525V	401A	94.00%	94.00%	93.00%	2980	50	1970	0,92	6319	6319	S1	Δ+80K	H/IP66
YE1-63M1-4	0,12	525V	0.32A	57.00%	57.00%	55.00%	1310	50	13	0,72	6201	6201	S1	Δ+80K	H/IP66
YE1-63M2-4	0,18	525V	0.45A	60.00%	60.00%	58.20%	1310	50	14	0,73	6201	6201	S1	Δ+80K	H/IP66
YE1-71M1-4	0,25	525V	0.60A	61.50%	61.50%	58.60%	1330	50	15	0,74	6202	6202	S1	Δ+80K	H/IP66
YE1-71M2-4	0,37	525V	0.82A	66.00%	66.00%	64.40%	1330	50	16	0,75	6202	6202	S1	Δ+80K	H/IP66

YE1-80M1-4	0,55	525V	1.52A	70.00%	70.00%	68.90%	1390	50	17	0,75	6204	6204	S1	△+80K	H/IP66
YE1-80M2-4	0,75	525V	1.51A	72.10%	72.10%	71.10%	1390	50	18	0,76	6204	6204	S1	△+80K	H/IP66
YE1-90S-4	1,10	525V	2.09A	75.00%	75.00%	73.20%	1400	50	22	0,77	6205	6205	S1	△+80K	H/IP66
YE1-90L-4	1,50	525V	2.70A	77.20%	77.20%	75.10%	1400	50	27	0,79	6205	6205	S1	△+80K	H/IP66
YE1-100L1-4	2,20	525V	3.75A	79.70%	79.70%	74.60%	1430	50	34	0,81	6206	6206	S1	△+80K	H/IP66
YE1-100L2-4	3,00	525V	4.94A	81.50%	81.50%	79.20%	1430	50	38	0,82	6206	6206	S1	△+80K	H/IP66
YE1-112M-4	4,00	525V	6.46A	83.10%	83.10%	80.70%	1440	50	43	0,82	6306	6306	S1	△+80K	H/IP66
YE1-132S-4	5,50	525V	8.60A	84.70%	84.70%	83.60%	1440	50	68	0,836	6308	6308	S1	△+80K	H/IP66
YE1-132M-4	7,50	525V	11.4A	86.00%	86.00%	85.40%	1440	50	81	0,84	6308	6308	S1	△+80K	H/IP66
YE1-132MB-4	9,20	525V	14.0A	86.00%	86.00%	85.40%	1440	50	81	0,84	6308	6308	S1	△+80K	H/IP66
YE1-160M-4	11,00	525V	16.4A	87.60%	87.60%	86.10%	1460	50	123	0,84	6309	6309	S1	△+80K	H/IP66
YE1-160L-4	15,00	525V	21.9A	88.70%	88.70%	86.50%	1460	50	144	0,85	6309	6309	S1	△+80K	H/IP66
YE1-180M-4	18,50	525V	26.5A	89.30%	89.30%	87.70%	1470	50	182	0,86	6311	6311	S1	△+80K	H/IP66
YE1-180L-4	22,00	525V	31.3A	89.90%	89.90%	88.30%	1470	50	190	0,86	6311	6311	S1	△+80K	H/IP66
YE1-200L-4	30,00	525V	42.3A	90.70%	90.70%	89.80%	1470	50	270	0,86	6312	6312	S1	△+80K	H/IP66
YE1-225S-4	37,00	525V	51.9A	91.20%	91.20%	90.10%	1480	50	284	0,87	NU313	6312	S1	△+80K	H/IP66
YE1-225M-4	45,00	525V	62.8A	91.70%	91.70%	91.00%	1480	50	320	0,87	NU313	6312	S1	△+80K	H/IP66
YE1-250M-4	55,00	525V	75.5A	92.10%	92.10%	90.80%	1480	50	427	0,87	NU315	6315	S1	△+80K	H/IP66
YE1-250MB-4	75,00	525V	102.3A	92.70%	92.70%	91.70%	1480	50	460	0,87	NU315	6315	S1	△+80K	H/IP66
YE1-280S-4	75,00	525V	102A	92.70%	92.70%	91.30%	1480	50	562	0,87	NU317	6314	S1	△+80K	H/IP66
YE1-280M-4	90,00	525V	122A	93.00%	93.00%	91.40%	1480	50	667	0,87	NU317	6314	S1	△+80K	H/IP66
YE1-280MB-4	110,00	525V	149A	93.30%	93.30%	92.30%	1480	50	750	0,87	NU317	6317	S1	△+80K	H/IP66
YE1-315S-4	110,00	525V	147A	93.30%	93.30%	92.30%	1480	50	1000	0,88	NU319	6319	S1	△+80K	H/IP66
YE1-315M-4	132,00	525V	176A	93.50%	93.50%	92.40%	1480	50	1100	0,88	NU319	6319	S1	△+80K	H/IP66
YE1-315L1-4	160,00	525V	211A	93.80%	93.80%	92.90%	1480	50	1160	0,89	NU319	6319	S1	△+80K	H/IP66
YE1-315L-4	185,00	525V	244A	93.80%	93.80%	92.90%	1490	50	1270	0,89	NU319	6319	S1	△+80K	H/IP66
YE1-315L2-4	200,00	525V	263A	94.00%	94.00%	93.10%	1480	50	1270	0,89	NU319	6319	S1	△+80K	H/IP66
YE1-315L3-4	220,00	525V	286A	94.00%	94.00%	93.10%	1480	50	1280	0,9	NU319	6319	S1	△+80K	H/IP66
YE1-355MA-44	220,00	525V	286A	94.00%	94.00%	93.00%	1485	50	1625	0,9	NU322	6322	S1	△+80K	H/IP66
YE1-315L4-4	250,00	525V	325A	94.00%	94.00%	93.10%	1480	50	1510	0,9	NU319	6319	S1	△+80K	H/IP66
YE1-355M-4	250,00	525V	325A	94.00%	94.00%	93.00%	1485	50	1660	0,9	NU322	6322	S1	△+80K	H/IP66
YE1-355LA-4	280,00	525V	364A	94.00%	94.00%	93.00%	1485	50	1740	0,9	NU322	6322	S1	△+80K	H/IP66
YE1-355LB-4	350,00	525V	458A	94.00%	94.00%	92.80%	1485	50	2060	0,89	NU322	6322	S1	△+80K	H/IP66
YE1-63M-6	0,12	525V	0.36A	54.00%	54.00%	51.00%	900	50	15	0,67	6201	6201	S1	△+80K	H/IP66
YE1-71M1-6	0,18	525V	0.66A	45.50%	45.50%	41.30%	850	50	10	0,66	6202	6202	S1	△+80K	H/IP66
YE1-80M3-6	0,25	525V	0.78A	52.10%	52.10%	50.10%	890	50	19	0,68	6204	6204	S1	△+80K	H/IP66
YE1-71M2-6	0,25	525V	0.78A	52.10%	52.10%	47.60%	850	50	11	0,68	6202	6202	S1	△+80K	H/IP66
YE1-80M1-6	0,37	525V	0.97A	59.70%	59.70%	55.50%	890	50	17	0,7	6204	6204	S1	△+80K	H/IP66
YE1-80M2-6	0,55	525V	1.28A	65.80%	65.80%	64.30%	890	50	19	0,72	6204	6204	S1	△+80K	H/IP66
YE1-90S-6	0,75	525V	1.64A	70.00%	70.00%	65.50%	910	50	23	0,72	6205	6205	S1	△+80K	H/IP66
YE1-90L-6	1,10	525V	2.28A	72.90%	72.90%	72.00%	910	50	25	0,73	6205	6205	S1	△+80K	H/IP66
YE1-100L-6	1,50	525V	2.93A	75.20%	75.20%	74.30%	940	50	33	0,75	6206	6206	S1	△+80K	
YE1-112M-6	2,20	525V	4.10A	77.70%	77.70%	74.80%	940	50	45	0,76	6306	6306	S1	△+80K	H/IP66
YE1-132S-6	3,00	525V	5.45A	79.70%	79.70%	77.70%	960	50	63	0,76	6308	6308	S1	△+80K	H/IP66
YE1-132M1-6	4,00	525V	7.11A	81.40%	81.40%	77.90%	960	50	73	0,76	6308	6308	S1	△+80K	H/IP66
YE1-132M2-6	5,50	525V	9.45A	83.10%	83.10%	79.80%	96	50	84	0,77	6308	6308	S1	△+80K	H/IP66
YE1-160M-6	7,50	525V	12.6A	84.70%	84.70%	82.90%	970	50	119	0,77	6309	6309	S1	△+80K	H/IP66
YE1-160L-6	11,00	525V	18.0A	86.40%	86.40%	84.90%	970	50	147	0,78	6309	6309	S1	△+80K	H/IP66
YE1-180L-6	15,00	525V	23.2A	87.70%	87.70%	85.90%	970	50	195	0,81	6311	6311	S1	△+80K	H/IP66

YE1-200L1-6	18,50	525V	28.3A	88.60%	88.60%	85.30%	970	50	220	0,81	6312	6312	S1	△+80K	H/IP66
YE1-200L2-6	22,00	525V	32.7A	89.20%	89.20%	87.60%	970	50	250	0,83	6312	6312	S1	△+80K	H/IP66
YE1-225M-6	30,00	525V	43.5A	90.20%	90.20%	88.60%	980	50	292	0,84	NU313	6312	S1	△+80K	H/IP66
YE1-250M-6	37,00	525V	52.1A	90.80%	90.80%	89.40%	980	50	408	0,86	NU315	6315	S1	△+80K	H/IP66
YE1-250MB-6	45,00	525V	63.0A	91.40%	91.40%	89.10%	980	50	424	0,86	NU315	6315	S1	△+80K	H/IP66
YE1-280S-6	45,00	525V	63.0A	91.40%	91.40%	89.10%	980	50	536	0,86	NU317	6314	S1	△+80K	H/IP66
YE1-280M-6	55,00	525V	76.5A	91.90%	91.90%	89.30%	980	50	595	0,86	NU317	6314	S1	△+80K	H/IP66
YE1-280MA-6	75,00	525V	104A	92.60%	92.60%	89.70%	980	50	658	0,86	NU317	6314	S1	△+80K	H/IP66
YE1-315S-6	75,00	525V	104A	92.60%	92.60%	89.70%	985	50	990	0,86	NU319	6319	S1	△+80K	H/IP66
YE1-315M-6	90,00	525V	124A	92.90%	92.90%	90.00%	985	50	1080	0,86	NU319	6319	S1	△+80K	H/IP66
YE1-315L1-6	110,00	525V	151A	93.30%	93.30%	90.10%	985	50	1150	0,86	NU319	6319	S1	△+80K	H/IP66
YE1-315L2-6	132,00	525V	179A	93.50%	93.50%	90.30%	985	50	1210	0,87	NU319	6319	S1	△+80K	H/IP66
YE1-355M1-6	160,00	525V	213A	94.00%	94.00%	92.80%	990	50	1660	0,88	NU322	6322	S1	△+80K	H/IP66
YE1-355MA-6	185,00	525V	246A	94.00%	94.00%	93.00%	990	50	1685	0,88	NU322	6322	S1	△+80K	H/IP66
YE1-355M2-6	200,00	525V	266A	94.00%	94.00%	93.00%	990	50	1745	0,88	NU322	6322	S1	△+80K	H/IP66
YE1-355LA-6	220,00	525V	292A	94.00%	94.00%	93.00%	990	50	1890	0,88	NU322	6322	S1	△+80K	H/IP66
YE1-355L-6	250,00	525V	332A	94.00%	94.00%	93.00%	990	50	2040	0,88	NU322	6322	S1	△+80K	H/IP66
YE1-355L-6	315,00	525V	409A	93.80%	93.80%	93.00%	1485	50	1840	0,9	NU322	6322	S1	△+80K	H/IP66
YE1-80M1-8	0,18	525V	0.83A	39.10%	39.10%	38.20%	630	50	17	0,61	6204	6204	S1	△+80K	H/IP66
YE1-80M2-8	0,25	525V	0.99A	45.70%	45.70%	44.60%	640	50	19	0,614	6204	6204	S1	△+80K	H/IP66
YE1-90S-8	0,37	525V	1.08A	62.00%	62.00%	58.00%	660	50	23	0,61	6205	6205	S1	△+80K	H/IP66
YE1-90L-8	0,55	525V	1.58A	63.00%	63.00%	58.90%	660	50	25	0,61	6205	6205	S1	△+80K	H/IP66
YE1-100L1-8	0,75	525V	1.73A	71.00%	71.00%	70.10%	690	50	33	0,67	6206	6206	S1	△+80K	H/IP66
YE1-100L2-8	1,10	525V	2.40A	73.00%	73.00%	72.10%	690	50	38	0,69	6206	6206	S1	△+80K	H/IP66
YE1-112M-8	1,50	525V	3.19A	75.00%	75.00%	73.20%	680	50	50	0,69	6306	6306	S1	△+80K	H/IP66
YE1-132S-8	2,20	525V	4.37A	78.00%	78.00%	74.80%	710	50	63	0,71	6308	6308	S1	△+80K	H/IP66
YE1-132M-8	3,00	525V	5.72A	79.00%	79.00%	75.80%	710	50	79	0,73	6308	6308	S1	△+80K	H/IP66
YE1-160M1-8	4,00	525V	7.44A	81.00%	81.00%	79.50%	720	50	118	0,73	6309	6309	S1	△+80K	H/IP66
YE1-160M2-8	5,50	525V	9.85A	83.00%	83.00%	81.50%	720	50	119	0,74	6309	6309	S1	△+80K	H/IP66
YE1-160L-8	7,50	525V	12.9A	85.50%	85.50%	84.00%	720	50	145	0,75	6309	6309	S1	△+80K	H/IP66
YE1-180L-8	11,00	525V	18.2A	87.50%	87.50%	84.70%	730	50	184	0,76	6311	6311	S1	△+80K	H/IP66
YE1-200L-8	15,00	525V	24.9A	87.20%	87.20%	86.30%	730	50	250	0,76	6312	6312	S1	△+80K	H/IP66
YE1-225S-8	18,50	525V	30.4A	88.10%	88.10%	86.90%	730	50	266	0,76	NU313	6312	S1	△+80K	H/IP66
YE1-225M-8	22,00	525V	34.9A	88.80%	88.80%	87.20%	740	50	292	0,78	NU313	6312	S1	△+80K	H/IP66
YE1-250M-8	30,00	525V	45.9A	91.00%	91.00%	89.10%	740	50	405	0,79	NU315	6315	S1	△+80K	H/IP66
YE1-250MB-8	37,00	525V	56.9A	90.60%	90.60%	88.70%	740	50	405	0,79	NU315	6315	S1	△+80K	H/IP66
YE1-280S-8	37,00	525V	56.3A	90.60%	90.60%	88.50%	740	50	520	0,79	NU317	6314	S1	△+80K	H/IP66
YE1-280M-8	45,00	525V	68.1A	91.20%	91.20%	89.10%	740	50	592	0,79	NU317	6314	S1	△+80K	H/IP66
YE1-280MB-8	55,00	525V	83.5A	91.70%	91.70%	89.30%	740	50	647	0,79	NU317	6314	S1	△+80K	H/IP66
YE1-315S-8	55,00	525V	81.4A	91.70%	91.70%	89.30%	735	50	1000	0,81	NU319	6319	S1	△+80K	H/IP66
YE1-315M-8	75,00	525V	110.0A	92.50%	92.50%	91.10%	735	50	1100	0,81	NU319	6319	S1	△+80K	H/IP66
YE1-315L1-8	90,00	525V	130.0A	92.90%	92.90%	90.00%	735	50	1160	0,82	NU319	6319	S1	△+80K	H/IP66
YE1-315L2-8	110,00	525V	158	93.20%	93.20%	90.10%	735	50	1230	0,82	NU319	6319	S1	△+80K	H/IP66
YE1-355M1-8	132,00	525V	189A	93.50%	93.50%	92.60%	740	50	1690	0,82	NU322	6322	S1	△+80K	H/IP66
YE1-355M2-8	160,00	525V	229A	93.80%	93.80%	92.80%	740	50	1770	0,82	NU322	6322	S1	△+80K	H/IP66
YE1-355LA-8	185,00	525V	261A	93.80%	93.80%	92.80%	740	50	1900	0,83	NU322	6322	S1	△+80K	H/IP66
YE1-355LA-8	200,00	525V	282A	93.80%	93.80%	92.80%	740	50	2080	0,83	NU322	6322	S1	△+80K	H/IP66
YE1-315S-10	45,00	525V	72.1A	91.50%	91.50%	89.10%	590	50	1010	0,75	NU319	6319	S1	△+80K	H/IP66

YE1-315M-10	55,00	525V	87.7A	92.00%	92.00%	89.80%	590	50	1180	0,75	NU319	6319	S1	△+80K	H/IP66
YE1-315L1-10	75,00	525V	117A	92.50%	92.50%	90.70%	590	50	1220	0,76	NU319	6319	S1	△+80K	
YE1-315L2-10	90,00	525V	138A	93.00%	93.00%	90.40%	590	50	1300	0,77	NU319	6319	S1	△+80K	H/IP66
YE1-355M1-10	110,00	525V	166A	93.20%	93.20%	91.70%	590	50	1515	0,78	NU322	6322	S1	△+80K	H/IP66
YE1-355M2-10	132,00	525V	199A	93.50%	93.50%	92.00%	590	50	1630	0,78	NU322	6322	S1	△+80K	H/IP66
YE1-355LA-10	160,00	525V	241A	93.50%	93.50%	92.30%	590	50	1795	0,78	NU322	6322	S1	△+80K	H/IP66