

Y₃VP VARIABLE-FREQUENCY MOTOR



- > Aluminium housing/Cast iron
- > Frame size: 80~315L
- > Power: 0.55~200KW
- > Frequency range at constant torque: 5~50Hz
- > Frequency range at constant power: 5~100Hz
- > High efficiency, wide speed adjusting range, IEC standard mounting,
- > IP55 protection, class F insulation, IC411 cooling

PERFORMANCE DATA OF Y₃VP SERIES

	Frame reference and size	Rated power	Full load current at rated voltage	Rated torque	Frequency at constant torque	Frequency at constant power	Direct on line starting torque ratio	Direct on line starting current ratio	Direct on line pull out torque ratio	Pull up torque ratio
NO.	Type	Power (Kw)	Amps (A)	(N.m)	(Hz)	(Hz)	$\frac{LRT}{RLT}$	$\frac{LRA}{RLA}$	$\frac{BDT}{RLT}$	$\frac{SDT}{RLT}$
1	80M1-4	0.55	1.5	3.5	5-50	5-100	2	10	2.8	1.7
2	80M2-4	0.75	2	4.7	5-50	5-100	2	10	2.8	1.6
3	90S-4	1.1	2.8	7	5-50	5-100	2	10	2.8	1.6
4	90L-4	1.5	3.7	9.5	5-50	5-100	2	10	2.8	1.6
5	100L1-4	2.2	5.1	14	5-50	5-100	2	10	2.8	1.5
6	100L2-4	3	6.8	19	5-50	5-100	2	10	2.8	1.5
7	112M-4	4	8.7	25.4	5-50	5-100	2	10	2.8	1.5
8	132S-4	5.5	11.4	35	5-50	5-100	2	10	2.8	1.4
9	132M-4	7.5	15.3	47.7	5-50	5-100	2	10	2.8	1.4
10	160M-4	11	22.1	70	5-50	5-100	2	10	2.8	1.4
11	160L-4	15	30.1	95.5	5-50	5-100	2	10	2.8	1.4
12	180M-4	18.5	35.4	117.1	5-50	5-100	2	10	2.8	1.2
13	180L-4	22	41.6	140.9	5-50	5-100	2	10	2.8	1.2
14	200L-4	30	55.9	190.9	5-50	5-100	2	10	2.8	1.2
15	225S-4	37	68.2	235.5	5-50	5-100	2	10	2.8	1.2
16	225M-4	45	82.5	286.4	5-50	5-100	2	10	2.8	1.1
17	250M-4	55	101	350.1	3-50	5-100	1.7	10	2.8	1.1
18	280S-4	75	132.3	477.1	3-50	5-100	1.7	10	2.8	1
19	280M-4	90	157.4	572.9	3-50	5-100	1.7	10	2.8	1
20	315S-4	110	191.4	700.2	3-50	5-100	1.7	10	2.8	1
21	315M-4	132	227.6	840.3	3-50	5-100	1.7	10	2.8	1
22	315L1-4	160	274.2	1018.5	3-50	5-100	1.7	10	2.8	1
23	315L2-4	200	341.6	1273.2	3-50	5-100	1.7	10	2.8	0.9