

Y Series (IP23)

Main Specifications & Technical Data

Type	Rated Power (kW)	Rated Speed (r/min)	Current (A)	Eff. (%)	Power Factor	Locked Rotor Current Multiple	Stall Current Rated Current	Max. Torque Rated Torque	Vibration (mm/s)	Noise dB (A)				
Y200M-2	45	2940	84	91	0.89	7.0	1.9	2.2	2.8	90				
Y200L-2	55		103	91.5			1.8				92			
Y225M-2	75	2955	140			2965	6.8			1.7		4.5	105	
Y250S-2	90	167	92	0.90	6.8			1.6	99					
Y250M-2	110	201	92.5					0.90		6.8	1.4			105
Y280M-2	132	241		93	0.88				6.8		1.2			
Y315S-2	160	292	93.5					0.89		6.5	1.0			107
Y315M1-2	185	338		93.8	0.89				6.5		1.0			
Y315M2-2	200	363	94.0					0.89		6.5	1.0			107
Y315M3-2	220	397		94.3	0.89				6.5		1.0			
Y315M4-2	250	460	94.3					0.89		6.5	1.0			107
Y355M2-2	280	514		94.3	0.89				6.5		1.0			
Y355M3-2	315	572	90.5			0.87	7.0	2		2.8	87			
Y355L1-2	355	643		91.5	0.87			7.0	2			2.8	87	
Y200M-4	37	1465	71			90.5	0.87		7.0	2	2.8			87
Y200L-4	45		86	91.5	0.87	7.0		2		2.8		87		
Y225M-4	55	1475	104				1480	6.8	6.8		2.2		4.5	103
Y250S-4	75	141	92	0.88	6.8	2.0				2.2		93		
Y250M-4	90	168	92.5											
Y280S-4	110	205		93	0.88	6.8				1.7		96		
Y280M-4	132	245	93.5											
Y315S-4	160	297		93.8	0.89	6.8				1.4		103		
Y315M1-4	185	342	94.0											
Y315M2-4	200	368		94.0	0.89	6.8				1.4		103		
Y315M3-4	220	404	94.3											
Y315M4-4	250	458		94.3	0.89	6.8				1.2		106		
Y355M2-4	280	507	94.5				0.90	6.8	1.0		106			
Y355M3-4	315	564		94.5	0.90	6.8				1.0		106		
Y355L1-4	355	634	94.5				0.90	6.8	1.0		106			
Y200M-6	22	970		44	89	0.85				6.5		1.7	2.8	81
Y200L-6	30		60	89.5	0.85		6.5	1.7	2.8		81			
Y225M-6	37	980	71			90.5				0.87		6.5	1.8	4.5
Y250S-6	45		87	91	0.86	6.5	1.8	4.5	87					
Y250M-6	55	106	91.5							0.87	6.5	1.8	4.5	87
Y280S-6	75	985		143	92	0.88	6.5	1.3	1.8					
Y280M-6	90		169	93.0						0.87	6.5	1.3	1.8	4.5
Y315S-6	110	207	93.5		0.87	6.5	1.3	1.8	4.5					
Y315M1-6	132	247		93.8						0.87	6.5	1.3	1.8	4.5
Y315M2-6	160	298	93.8		0.87	6.5	1.3	1.8	4.5					

Y355M1-6	185	985	344	94.0	0.87	6.0	1.1	1.8	4.5	100		
Y355M2-6	200		372		94.3						0.88	103
Y355M3-6	220		404	94.3								
Y355M4-6	250		458							0.78		
Y355L1-6	280		513		0.78							
Y200M-8	18.5	41	88.5				1.7	81				
Y200L-8	22	48	89	1.8	2.8							
Y225M-8	30	735	63	89.5			0.81	2.0	4.5	84		
Y250S-8	37		78	90	0.80		87					
Y250M-8	45		94	90.5						0.81	90	
Y280S-8	55		115	91		0.81	93					
Y280M-8	75		154	91.5	0.81					1.3		
Y315S-8	90	183	92.2	97								
Y315M1-8	110	222	92.8			99						
Y315M2-8	132	265	93.3	93								
Y355M2-8	160	321	93.5			97						
Y355M3-8	185	371	93.5	99								
Y355M4-8	200	401				94.0	93					
Y355L1-8	220	439	0.79	97								
Y355L2-8	250	512				0.74	1.1					
Y315S-10	55	123	91.5	93								
Y315M1-10	75	165	92.0		97							
Y315M2-10	90	196		0.78				93				
Y355M2-10	110	232	92.5		97							
Y355M3-10	132	274	92.8	93								
Y355L1-10	160	332			0.79			97				
Y355L2-10	185	383	93.0	93								
Y355M4-12	90	530	201		92.0			0.74	5.5	1.2	1.8	4.5
Y355L1-12	110		241	92.3	0.75			97				
Y355L2-12	132		289	92.5		0.75	93					

Mounting Type IMB3

Frame No.	No. of Poles	Dimensions (mm)																
		A	B	C	D	E	FxGD	G	H	K	AB	AC	AD	AA	BB	HA	HD	L
200M	2、4	318	267	133	60	140	18x11	53	200	19	400	465	350	80	350	26	570	820
200L	6、8		305												393			886
Y225M	2	356	311	149	65	140	18x11	58	225	19	450	520	395	87	395	28	640	880
	4、6、8																	
Y250S	2	406	311	168	75	140	20x12	67.5	250	24	510	550	410	100	415	32	600	930
	4、6、8						18x11	58										
Y250M	2	406	349	168	75	140	20x12	67.5	250	24	510	550	410	100	455	32	600	960
	4、6、8						18x11	58										
Y280S	4、6、8	457	368	190	80	170	22x14	71	280	24	570	610	485	110	530	35	655	1090
Y280M	2		419		65	140	18x11	58						581	1090			
	4、6、8	419	80	170	22x14	71	581	1140										
Y315S	2	508	406	216	70	140	20x12	62.5	315	28	640	792	586	115	690	48	760	1130
	4-10				90	170	25x14	81							640	45		1160
Y315M	2	508	457	216	70	140	20x12	62.5	315	28	640	792	586	115	690	48	760	1240
	4-10				90	170	25x14	81							640	45		1270
Y355M	2	610	560	254	75	140	20x12	67.5	355	28	733	980	630	170	880	51	1120	1550
	4-10				100	210	28x16	90										1620
Y355L	2	610	630	254	75	140	20x12	67.5	355	28	733	980	630	170	880	51	1120	1620
	4-10				100	210	28x16	90										1690

