

Priority One



Motors
Gearboxes
Inverters

Motors options

● no surcharge (i.e. standard)

○ surcharge / not standard

Rated power								
	P [kW]	0.37	0.55	0.75	1.1	1.5	2.2	3
	P [hp]	1/2	3/4	1	1 1/2	2	3	4
Motor series								
	m550-H	●	●					
	m550-P			●	●	●	●	●
Mounting								
	B9 (direct mounting)	●	●	●	●	●	●	●
2nd shaft end								
	without 2nd shaft end	●	●	●	●	●	●	●
Efficiency class								
	IE2	●	●					
	IE3			●	●	●	●	●
Poles								
	4	●	●	●	●	●	●	●
Wiring								
	D/Y	●	●	●	●	●	●	●
Rated frequency								
	60Hz	●	●	●	●	●	●	●
Duty								
	S1	●	●	●	●	●	●	●
Temperature range (for storage & transportation)								
	0...+40°C	●	●	●	●	●	●	●
Protection class								
	IP54	●	●	●	●	●	●	●
Surface and corrosion protection								
	without	●	●	●	●	●	●	●
Cooling								
	TEFC - fan-cooled	●	●	●	●	●	●	●
Brake function								
	without brake	●	●	●	●	●	●	●
	holding brake	○	○	○	○	○	○	○
Brake technology								
	without brake	●	●	●	●	●	●	●
	spring-applied	●	●	●	●	●	●	●
Brake design regarding switching cycles								
	without brake	●	●	●	●	●	●	●
	standard	●	●	●	●	●	●	●
Friction lining								
	without brake	●	●	●	●	●	●	●
	standard	●	●	●	●	●	●	●
Rated voltage brake (voltage variation accord. IEC 60034)								
	230V AC	●	●	●	●	●	●	●
	460V AC	●	●	●	●	●	●	●
	205V DC	●	●	●	●	●	●	●
Feedback								
	without	●	●	●	●	●	●	●
Electr. interface Power and Brake								
	direct to inverter	●	●	●	●	●	●	●
	terminal box	●	●	●	●	●	●	●
Product approval USA/Canada								
	cURus	○	○	○	○	○	○	○
Energy efficiency USA/Canada								
	UL Energy verified	○	○	○	○	○	○	○

Gearbox options

	H100	H140	H210	H320	H450
Housing Design	With or without foot				
Solid Shaft (standard steel)	.75" 20mm	1" 25mm	1" 25mm	1.25" 30mm	1.375" 30mm 35mm
Flange	With or without flange				
Coating	without				
Lubricant	Oil CLP 460				
Ratios	3.354	3.267	3.389	3.389	3.444
	4.600	4.480	4.648	4.648	4.724
	5.887	5.733	6.250	6.083	6.045
	8.214	8.000	8.571	8.343	6.613
	10.063	9.029	12.000	10.677	8.800
	14.490	9.800	15.306	11.680	11.262
	17.750	11.554	18.750	14.898	12.320
	22.314	16.122	24.405	18.250	15.714
	28.730	19.750	30.357	23.754	19.250
	36.422	24.829	39.286	29.548	25.056
	45.643	31.976	47.679	38.238	31.167
	-	40.526	62.160	46.407	40.333
	-	50.786	79.507	60.502	48.950
	-	-	103.214	77.387	49.867
	-	-	-	100.462	89.048
	-	-	-	-	109.083
	-	-	-	-	137.133
-	-	-	-	176.611	
-	-	-	-	223.833	
-	-	-	-	280.500	

	B110	B240	B450	B600
Housing Design	With foot, without flange			
Hollow Shaft (standard steel)	.75" 20mm 25mm	1.25" 30mm 35mm	1.375" 35mm 40mm	1.5" 40mm 45mm
Coating	without (OKS-G available for B600)			
Lubricant	Oil CLP 460			
Ratios	5.185	3.565	5.002	5.067
	7.111	4.889	6.860	6.949
	9.101	6.257	10.328	10.741
	12.698	7.817	14.165	14.730
	15.556	10.720	19.831	18.851
	19.556	13.719	25.294	20.622
	25.185	15.008	30.985	26.061
	31.919	19.143	40.330	35.740
	40.400	23.450	50.167	41.940
	-	30.522	62.262	45.739
	-	37.967	76.271	50.036
	-	49.133	99.274	63.822
	-	59.630	123.487	67.513
	-	77.741	159.807	78.182
	-	99.437	193.948	81.937
	-	129.087	-	101.760
	-	-	-	126.580
-	-	-	163.810	
-	-	-	198.805	

Gearbox options

	S220	S400	S660
Housing Design	without foot without centering		
Hollow Shaft (standard steel)	1.25" 25mm 30mm	1.375" 30mm 35mm	1.5" 40mm 45mm
Coating	without		
Lubricant	Oil CLP 460		
Ratios	3.840	3.339	3.920
	5.267	4.579	5.376
	7.667	5.860	6.880
	10.514	6.411	7.311
	13.456	8.436	10.027
	14.720	11.569	12.832
	18.776	14.806	14.037
	23.000	16.197	17.905
	29.937	20.659	21.933
	37.238	25.308	28.548
	48.190	32.940	35.511
	58.486	40.974	45.956
	76.249	53.026	55.773
	97.528	64.354	56.818
	209.887	83.900	72.713
	-	107.314	101.460
-	139.313	124.289	
-	178.531	156.249	
-	230.946	201.230	
-	300.479	255.034	

Inverter options

i550 motec, motor mounted
