

**DS (5.5÷7.5 kW) MOTOR DATA**

Output [P <sub>2</sub> ]		[kW]	<b>5.5</b>			<b>7.5</b>			
Resistance at 20° C		[Ω]	2.001			1.345			
GD <sup>2</sup>		[kg·m <sup>2</sup> ]	0.03			0.037			
Voltage		[V]	380	400	415	380	400	415	
Load	0%	Current	[A]	3.00	2.70	2.70	3.65	3.20	3.27
		Power	[W]	340	800	340	400	800	400
	75%	Current	[A]	8.37	8.36	7.59	11.43	11.02	10.17
		Efficiency	[%]	82.89	77.34	83.68	83.36	79.51	84.44
		Power factor	[%]	90.37	92.05	90.40	89.70	92.68	91.14
		Speed	[min <sup>-1</sup> ]	2944	2932	2945	2941	2928	2942
	100%	Current	[A]	10.80	10.80	9.80	14.80	14.30	13.20
		Efficiency	[%]	83.87	79.10	84.51	84.26	80.96	85.13
		Power factor	[%]	92.25	92.92	92.39	91.34	93.50	92.85
		Speed	[min <sup>-1</sup> ]	2922	2905	2923	2917	2900	2918
	Locked Rotor Torque		[%]	168	155	168	159	154	159
	Start Current		[A]	77.0	70.0	70.0	105.0	93.5	94.0
No. starts per hour			10						
Model			ZDSEU						