



Technical Information

Motordata RS22 - 50 Hz

pumptype	shaft power [kW]			speed			motor efficiency			power factor			torque [Nm]			start factor		J [kgm ²] pump
	100%	75%	50%	100%	75%	50%	100%	75%	50%	100%	75%	50%	100%	75%	50%	current	torq.	
	current 220V [A]			current 380V [A]			current 400V [A]			current 415V [A]								
	100%	75%	50%	100%	75%	50%	100%	75%	50%	100%	75%	50%	100%	75%	50%			
RS2210AK-	1.1	0.8	0.5	2865	2920	2950	69	67	61	0.88	0.82	0.70	3.5	2.6	1.7	6.4	0.0	0.0020
	4.5	3.8	3.2	2.6	2.2	1.9	2.5	2.1	1.8	2.4	2.0	1.7						
RS2210BB-	1.5	1.1	0.7	2790	2865	2920	69	69	67	0.91	0.88	0.82	5.0	3.6	2.4	4.8	2.3	0.0025
	6.1	4.7	3.5	3.5	2.7	2.0	3.3	2.6	1.9	3.2	2.5	1.8						
RS2210BD-	2.2	1.7	1.1	2830	2890	2945	79	80	78	0.89	0.89	0.73	7.4	5.5	3.6	5.3	2.4	0.0030
	8.2	6.1	5.1	4.8	3.5	2.9	4.5	3.3	2.8	4.4	3.2	2.7						
RS2210BE-	2.6	2.0	1.3	2800	2870	2930	74	80	79	0.91	0.88	0.79	8.9	6.5	4.2	4.6	2.0	0.0035
	10.1	7.3	5.5	5.9	4.2	3.2	5.6	4.0	3.0	5.4	3.9	2.9						
RS2210BG-	3.2	2.4	1.6	2910	2935	2958	82	76	71	0.84	0.80	0.72	10.5	7.8	5.2	7.9	3.4	0.0040
	12.2	10.4	8.2	7.1	6.0	4.8	6.7	5.7	4.5	6.5	5.5	4.4						
RS2210BH-	4.0	3.0	2.0	2840	2900	2940	80	84	83	0.85	0.86	0.73	13.4	9.9	6.5	6.2	2.7	0.0040
	15.4	10.9	8.7	8.9	6.3	5.0	8.5	6.0	4.8	8.2	5.8	4.6						
RS2210DA-	0.65	0.5	0.3	1340	1395	1430	69	69	65	0.79	0.70	0.57	4.6	3.3	2.2	3.7	1.9	0.0030
	3.1	2.6	2.3	1.8	1.5	1.3	1.7	1.5	1.3	1.7	1.4	1.2						

1. Ratings apply for continuous duty (S1) at max. 40 C. ambient temperature and with at least 2/3 submerged motor.
2. Motortype: 3 phase squirrel cage induction.
3. Starting current at star-delta start is 1/3 of the value at direct start (at 100%).
4. Line voltage tolerance 5%, Frequency tolerance 5%.
5. Degree of protection IP 68.
6. All motors class F insulation.
7. J pump: including entrained liquid.