



Technical Information

Motordata RS22 - 60 Hz

pump type	shaftpower [HP]			speed [rpm]			motor eff.			power factor			torque[ft-lb]			start factor J [lbft2]		
	100%	75%	50%	100%	75%	50%	100%	75%	50%	100%	75%	50%	100%	75%	50%	current	torq.	pump
	current 220V [A]			current 380V [A]			current 460V [A]			current 575V[A]								
	100%	75%	50%	100%	75%	50%	100%	75%	50%	100%	75%	50%	100%	75%	50%			
RS2210DA	1.0 3.7	0.8 2.4	0.5 2.0	1700 2.1	1730 1.4	1750 1.2	68 1.8	69 1.2	60 1.0	0.78 1.4	0.88 0.9	0.82 0.8	3.1 2.3	2.3 1.5	1.5 4.3	2.1 2.1	0.264	
RS2210BB	2.2 7.0	1.7 5.4	1.1 4.4	3350 4.0	3420 3.1	3500 2.6	69 3.3	69 2.6	60 2.1	0.91 2.7	0.88 2.1	0.82 1.7	3.5 2.6	2.6 1.7	1.7 4.3	2.1 2.1	0.2637	
RS2210BE	4.0 11.6	3.0 8.4	2.0 6.3	3360 6.7	3445 4.8	3525 3.6	75 5.6	80 4.0	79 3.0	0.90 4.4	0.88 3.2	0.79 2.4	6.3 4.6	4.6 3.0	3.0 4.6	2.0 2.0	0.5274	
RS2210BG	4.9 14.0	3.7 11.9	2.5 9.4	3492 8.1	3522 6.9	3550 5.5	82 6.7	76 5.7	71 4.5	0.84 5.4	0.80 4.6	0.72 3.6	7.4 5.5	5.5 3.6	3.6 7.9	3.4 3.4	0.9376	
RS2210BH	6.2 17.3	4.6 12.2	3.1 9.2	3410 10.0	3445 7.1	3525 5.3	82 8.3	84 5.9	83 4.4	0.85 6.6	0.88 4.7	0.79 3.5	9.5 7.0	7.0 4.6	4.6 6.2	2.7 2.7	0.9376	

1. Ratings apply for continuous duty (S1) at max. 104°F 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.