

# Affinity Drive Ratings

## 208 / 230Vac 3-Phase 50/60Hz Input

Affinity		Motor HP	Continuous Output Current
Order Code	Frame	HP @ 230V	A
BA1201-E1	1	1.5	5.2
BA1202-E1		2	6.8
BA1204-E1		3	11
BA2201-E1	2	5	15.5
BA2202-E1		7.5	22
BA2203-E1		10	28
BA3201-E1	3	15	42
BA3202-E1		20	54
BA4201-E1	4	25	68
BA4202-E1		30	80
BA4203-E1		40	104
BA5201-E1	5	50	130
BA5202-E1		60	154

## 575Vac 3-Phase 50/60Hz Input

Affinity		Motor HP	Continuous Output Current
Order Code	Frame	HP @ 575V	A
BA3501-E1	3	3	5.4
BA3502-E1		5	6.1
BA3503-E1		7.5	8.4
BA3504-E1		10	11
BA3505-E1		15	16
BA3506-E1		20	22
BA3507-E1	4	25	27
BA4603-E1		30	36
BA4604-E1		40	43
BA4605-E1	5	50	52
BA4606-E1		60	62
BA5601-E1	6	75	84
BA5602-E1		100	99
BA6601-E1	7	125	125
BA6602-E1		150	144
P50200NF1B	8	200	192
P50250NF1B		250	231
P50300NF1B	9	300	266
P50350NF1B		350	311
P50400NF1B		400	355
P50500NF1B	500	400	

## 460Vac 3-Phase 50/60Hz Input

Affinity		Motor HP	Continuous Output Current
Order Code	Frame	HP @ 460V	A
BA1401-E1	1	1.5	2.8
BA1402-E1		2	3.8
BA1403-E1		3	5
BA1405-E1		5	8.8
BA1406-E1		7.5	11
BA2401-E1	2	10	15.3
BA2402-E1		15	21
BA2403-E1		20	29
BA3401-E1	3	25	35
BA3402-E1		30	43
BA3403-E1		40	56
BA4401-E1	4	50	68
BA4402-E1		60	83
BA4403-E1		75	104
BA5401-E1	5	100	138
BA5402-E1		125	168
BA6401-E1	6	150	205
BA6402-E1		200	236
P40250NF1B	7	250	335
P40300NF1B		300	389
P40400NF1B	8	400	450
P40450NF1B		450	545
P40500NF1B		500	620
P40600NF1B	9	600	690

### Notes:

- Frame sizes 7 and larger include a circuit breaker disconnect and drive fusing (consult factory for dimensions and weights).
- All units are capable of 110% of their continuous rating for 1 minute.
- Motor horsepower ratings are based on typical NEMA Design B, 4-pole motor current ratings. Actual motor currents should be checked before selecting a particular drive. For some high efficiency motors, the required full load motor current may allow the selection of a smaller drive than is indicated in the chart. The same consideration also applies for motors with less common power or voltage ratings.

## Affinity Order String

