

ELECTRICAL DATA

WEATHERPROOF - CSA, CE, & UKCA

110V - Single Phase Power

Base Part Number	On/Off Output Torque		On/Off Duty Cycle	Cycles Per Hour	Modulating Output Torque		Modulating Duty Cycle	Starts Per Hour	Operating Speed (sec)		Full Load Current (FLA) [A]		Locked Rotor Current (LRA) [A]		Motor Power
	In-Lbs.	Nm			S4%	Cycles			Starts	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz
761A00-11300000/A	700	80	40	36	580	65	40	960	17	20	1.2	1.1	1.4	1.3	15
761B00-11300000/A	880	100	40	31	620	70	40	960	19	23	1.3	1.2	1.4	1.3	
762A00-11300000/A	1,330	150	50	42	1,150	130	40	960	18	21	2.3	2.3	2.5	2.4	
762B00-11300000/A	1,750	200	35	21	1,330	150	40	960	25	30	2.3	2.3	2.5	2.4	40
763A00-11300000/A	2,650	300	50	29	1,950	220	40	960	25	31	2.6	2.5	2.9	3.0	
763B00-11300000/A	4,400	500	30	16	3,350	380	40	960	26	32	4.8	4.6	5.0	4.9	
763C00-11300000/A	4,800	550	30	13	3,540	400	40	960	33	39	4.8	4.6	5.0	4.9	90
764A00-11300000/A	6,650	750	25	12	6,020	680	35	840	30	36	6.5	6.5	7.3	7.4	
764B00-11300000/A	9,700	1,100	25	10	8,230	930	35	840	36	43	6.8	6.8	7.3	7.4	
765A00-11300000/A	17,700	2,000	25	4	15,000	1,700	35	840	88	106	6.8	6.8	7.4	7.4	
765B00-11300000/A	26,500	3,000	25	3	22,550	2,550	35	840	108	130	7.0	7.0	7.3	7.4	

220V - Single Phase Power

Base Part Number	On/Off Output Torque		On/Off Duty Cycle	Cycles Per Hour	Modulating Output Torque		Modulating Duty Cycle	Starts Per Hour	Operating Speed (sec)		Full Load Current (FLA) [A]		Locked Rotor Current (LRA) [A]		Motor Power
	In-Lbs.	Nm			S4%	Cycles			Starts	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz
761A00-11320000/A	700	80	40	36	580	65	40	960	17	20	0.7	0.7	0.7	0.7	15
761B00-11320000/A	880	100	40	31	620	70	40	960	19	23	0.7	0.7	0.7	0.7	
762A00-11320000/A	1,330	150	35	30	1,150	130	40	960	18	21	1.0	1.0	1.2	1.1	
762B00-11320000/A	1,750	200	35	21	1,330	150	40	960	24	29	1.1	1.1	1.2	1.1	40
763A00-11320000/A	2,650	300	40	24	1,950	220	40	960	24	29	1.3	1.3	1.4	1.5	
763B00-11320000/A	4,400	500	30	16	3,350	380	40	960	26	32	2.2	2.1	2.4	2.5	
763C00-11320000/A	4,800	550	25	13	3,540	400	40	960	28	34	2.2	2.1	2.4	2.5	90
764A00-11320000/A	6,650	750	25	13	6,020	680	35	840	27	33	3.2	3.0	3.8	3.9	
764B00-11320000/A	9,700	1,100	25	10	7,080	800	35	840	36	43	3.6	3.5	3.9	3.6	
765A00-11320000/A	17,700	2,000	25	4	15,000	1,700	35	840	88	106	3.3	3.2	3.8	3.9	
765B00-11320000/A	26,500	3,000	25	3	22,550	2,550	35	840	108	130	3.5	3.5	3.8	3.9	
766A00-11320000/A*	31,000	3,500	40	18	30,975	3,500	40	960	33	39	11.2	11.2	17.0	17.0	
766B00-11320000/A*	35,400	4,000	40	12	35,400	4,000	40	960	49	58	11.2	11.2	17.0	17.0	
767A00-11320000/A*	53,100	6,000	40	9	53,100	6,000	40	960	66	78	9.0	9.0	17.0	17.0	700
767B00-11320000/A*	70,800	8,000	40	6	70,800	8,000	40	960	98	116	9.0	9.0	17.0	17.0	
767C00-11320000/A*	79,700	9,000	40	6	79,650	9,000	40	960	99	117	9.0	9.0	17.0	17.0	

* Sizes 6 and 7 are not CSA Certified

NOTES

1. Full load current (FLA) @ Max. rated load
2. Locked rotor current (LRA) @ Locked rotor load
3. Allowable motor voltage tolerance: +/- 10%
4. Allowable power frequency tolerance: +/- 5%
5. Duty cycle per IEC 60034-1 for on/off and modulating service
6. Starts and cycles per hour based on rated torque

ELECTRICAL DATA

WEATHERPROOF - CSA, CE, & UKCA

220V - 3 Phase Power

Base Part Number	Output Torque		Duty Cycle	Cycles per Hour	Starts per Hour	Operating Speed (sec)		Full Load Current (FLA) [A]		Locked Rotor Current (LRA) [A]	Motor Power	
	In-Lbs.	Nm	S4%	Cycles	Starts	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	Watts
761A00-11330C00/A												
761B00-11330C00/A												
762A00-11330C00/A												
762B00-11330C00/A												
763A00-11330C00/A	2,650	300	70	39	1200	26	32	1.0	1.0	1.2	1.2	40
763B00-11330C00/A	4,400	500	70	39	1200	26	32	2.0	2.0	2.4	2.4	
763C00-11330C00/A	5,300	600	70	32	1200	32	39	2.0	2.0	2.4	2.4	90
764A00-11330C00/A	7,080	800	70	36	1200	29	35	3.4	3.4	4.0	4.0	
764B00-11330C00/A	10,600	1,200	70	29	1200	36	43	3.4	3.4	4.0	4.0	
765A00-11330C00/A	17,700	2,000	50	8	1200	88	105	3.4	3.4	4.0	4.0	
765B00-11330C00/A	26,500	3,000	50	6	1200	108	130	3.4	3.4	4.0	4.0	180

NOTES

1. Full load current (FLA) @ Max. rated load
2. Locked rotor current (LRA) @ Locked rotor load
3. Allowable motor voltage tolerance: +/- 10%
4. Allowable power frequency tolerance: +/- 5%
5. Duty cycle per IEC 60034-1 for on/off and modulating service
6. Starts and cycles per hour based on rated torque

ELECTRICAL DATA

EXPLOSIONPROOF - CSA

24V AC/DC Power - On/Off

Base Part Number	On/Off Output Torque		On/Off Duty Cycle	Cycles per Hour	Operating Speed	Full Load Current (FLA)	Locked Rotor Current (LRA)	Motor Power
	In-Lbs.	Nm						
761X30-11380000/A	620	70	30	350	17	5.0	12.8	
761Y30-11380000/A	700	80	30	300	20	6.3	12.8	
762X30-11380000/A	1,350	150	40	200	22	6.0	16.9	40
762Y30-11380000/A	1,410	160	40	200	22	7.4	16.9	
763X30-11380000/A	2,120	240	35	160	32	8.9	30.8	

24V DC Power - Modulating

Base Part Number	Modulating Output Torque		Modulating Duty Cycle	Starts per Hour	Operating Speed	Full Load Current (FLA)	Locked Rotor Current (LRA)	Motor Power
	In-Lbs.	Nm						
761X30-11370000/A	560	65	30	720	17	5.0	12.8	
761Y30-11370000/A	630	72	30	720	20	6.3	12.8	
762X30-11370000/A	1,150	130	40	960	22	6.0	16.9	40
762Y30-11370000/A	1,270	145	40	960	22	7.4	16.9	
763X30-11370000/A	1,900	220	35	840	32	8.9	30.8	

NOTES

Hazardous Location Certification (Area Classification)

Class I, Division 1, Groups C, D; T4

Ex d IIB T4 Gb

Class I, Zone 1, AEx d IIB T4 Gb

1. Full load current (FLA) @ Max. rated load
2. Locked rotor current (LRA) @ Locked rotor load
3. Allowable motor voltage tolerance: +/- 10%
4. Allowable power frequency tolerance: +/- 5%
5. Duty cycle per IEC 60034-1 for on/off and modulating service
6. Starts and cycles per hour based on rated torque

ELECTRICAL DATA

EXPLOSIONPROOF - CSA

Base Part Number	110V - Single Phase Power													Motor Power					
	On/Off Output Torque		On/Off Duty Cycle		Cycles per Hour		Modulating Output Torque		Modulating Duty Cycle		Starts per Hour		Operating Speed (sec)		Full Load Current (FLA) [A]		Locked Rotor Current (LRA) [A]		
	In-Lbs.	Nm	S4%	Cycles	In-Lbs.	Nm	S4%	Starts	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	Watts				
761X30-11300000/A	690	80	40	190	550	65	40	960	20	23	1.2	1.1	1.4	1.3	15				
761Y30-11300000/A	860	100	40	190	680	80	40	960	20	23	1.2	1.1	1.4	1.3					
762X30-11300000/A	1,350	150	70	100	1,150	130	40	960	21	25	2.0	1.9	2.5	2.4					
762Y30-11300000/A	1,770	200	70	100	1,360	160	40	960	21	25	2.3	2.2	2.5	2.4	40				
763X30-11300000/A	2,640	300	70	80	2,110	240	40	960	26	31	2.3	2.0	2.9	3.0					
763Y30-11300000/A	3,980	450	30	170	3,180	360	30	720	29	35	4.5	3.8	5.0	4.9	90				
764X30-11300000/A	6,900	800	30	160	5,520	640	30	720	31	37	5.1	5.0	7.3	7.4					
764Y30-11300000/A	9,600	1,100	30	160	7,680	880	30	720	31	37	5.4	5.4	7.3	7.4					
765X30-11300000/A	17,500	2,000	30	50	14,000	1,600	30	720	93	112	5.8	5.7	7.3	7.4	180				
765Y30-11300000/A	25,900	3,000	30	50	20,720	2,400	30	720	93	112	6.3	6.3	7.3	7.4					
220V - Single Phase Power																			
Base Part Number	220V - Single Phase Power													Motor Power					
	On/Off Output Torque		On/Off Duty Cycle		Cycles per Hour		Modulating Output Torque		Modulating Duty Cycle		Starts per Hour		Operating Speed (sec)		Full Load Current (FLA) [A]		Locked Rotor Current (LRA) [A]		
	In-Lbs.	Nm	S4%	Cycles	In-Lbs.	Nm	S4%	Starts	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	Watts				
761X30-11320000/A	690	80	40	190	550	65	40	960	20	23	0.6	0.6	0.7	0.7	15				
761Y30-11320000/A	790	90	40	190	630	72	40	960	20	23	0.6	0.6	0.7	0.7					
762X30-11320000/A	1,350	150	35	180	1,150	130	40	960	23	28	1.0	0.9	1.2	1.1					
762Y30-11320000/A	1,590	180	35	180	1,270	145	40	960	23	28	1.1	1.0	1.2	1.1	40				
763X30-11320000/A	2,300	260	40	140	1,900	220	40	960	26	31	1.3	1.3	1.4	1.5					
763Y30-11320000/A	3,980	450	30	170	3,180	360	30	720	29	35	1.9	1.5	2.4	2.5	90				
764X30-11320000/A	6,900	800	30	140	5,520	640	30	720	34	41	2.4	2.2	3.8	3.9					
764Y30-11320000/A	8,300	940	30	140	6,640	750	30	720	34	41	3.4	3.3	3.8	3.9	180				
765X30-11320000/A	17,500	2,000	30	50	14,000	1,600	30	720	93	112	2.4	2.2	3.8	3.9					
765Y30-11320000/A	25,900	3,000	30	50	20,720	2,400	30	720	93	112	3.4	3.3	3.8	3.9					

NOTES:

- Hazardous Location Certification (Area Classification)
 - Class I, Division 1, Groups C, D; T4
 - Ex d IIB T4 Gb
 - Class I, Zone 1, AEx d IIB T4 Gb
- Full load current (FLA) @ Max. rated load
- Locked rotor current (LRA) @ Locked rotor load
- Allowable motor voltage tolerance: +/- 10%
- Allowable power frequency tolerance: +/- 5%
- Duty cycle per IEC 60034-1 for on/off and modulating service
- Starts and cycles per hour based on rated torque