AVA series Performance Data (380V 3Phase 50 Hz On/Off)

Multi-turn

Model	Flange (ISO 5210)	RPM (50Hz)	Torque (Nm)	Motor Poles	Rated Current (A)	Starting Current (A)	Rated Power (KW)	Power Factor	Efficiency (%)	Weight (KG)
AVA01	F10	18	45	4	1.47	3.80	0.16	0.74	68	32
		24	45	4	1.48	3.80	0.17	0.74	68	32
		36	35	4	1.50	4.20	0.20	0.74	68	32
		48	35	4	1.60	4.20	0.18	0.74	68	32
		72	35	2	1.90	6.00	0.30	0.86	77	32
		96	30	2	2.00	6.00	0.38	0.86	77	32
AVA02	F10	18	80	4	1.66	4.80	0.21	0.78	66	32
		24	80	4	1.70	4.80	0.23	0.78	66	32
		36	80	4	1.72	4.80	0.24	0.78	66	32
		48	80	4	1.75	4.80	0.24	0.78	66	32
		72	45	2	2.20	6.50	0.38	0.87	77	32
		96	40	2	2.30	6.50	0.41	0.87	77	32
AVA03	F10	18	110	4	1.86	5.20	0.24	0.80	62	32
		24	110	4	1.95	5.20	0.28	0.80	62	32
AVA04	F14	18	250	4	3.90	16.00	0.67	0.83	78	52
		24	250	4	4.10	16.00	0.68	0.83	78	52
		36	205	4	4.20	16.00	0.87	0.83	78	52
		48	205	4	4.30	16.00	0.99	0.83	78	52
		72	160	2	3.00	20.00	0.70	0.88	83	52
		96	145	2	3.10	20.00	0.72	0.88	83	52
		144	100	2	5.20	24.00	1.05	0.90	80	52
AVA05	F14	18	450	4	5.40	18.00	0.73	0.83	69	52
		24	450	4	5.50	18.00	0.84	0.83	69	52
		36	300	4	5.60	18.00	0.84	0.83	69	52
		48	240	4	5.90	18.00	0.87	0.83	69	52
		72	240	2	5.70	25.00	0.92	0.82	73	52
		96	230	2	6.60	25.00	1.01	0.82	73	52
		144	150	2	6.30	28.00	1.19	0.82	77	52
AVA06	F16	18	650	4	7.20	35.00	1.35	0.80	79	75
		24	650	4	7.60	35.00	1.54	0.80	79	75
		36	540	4	7.74	35.00	1.36	0.80	79	75
		48	450	4	13.50	43.00	2.02	0.88	73	75
		72	450	2	12.50	43.00	1.67	0.88	73	75
		96	365	2	13.20	43.00	2.44	0.88	73	75
		144	270	2	13.00	43.00	2.43	0.88	73	75
AVA07	F25	18	1100	4	11.00	52.00	1.77	0.86	81	200
		24	1100	4	12.00	52.00	2.17	0.86	81	200
		36	780	4	12.30	52.00	2.73	0.86	81	200
		48	680	4	15.80	88.00	3.00	0.85	82	200
		72	550	2	16.60	88.00	3.65	0.85	82	200
		96	550	2	17.80	88.00	3.83	0.85	82	200
AVA08	F30	18	1500	4	10.50	67.00	2.17	0.87	88	230
		24	1500	4	12.60	67.00	2.40	0.87	88	230
		36	1300	4	13.80	67.00	3.13	0.87	88	230
		48	1000	4	19.00	118.00	4.08	0.89	86	230
		72	800	2	19.50	118.00	4.42	0.89	86	230
		96	745	2	21.00	118.00	4.58	0.89	86	230
AVA09	F30	18	2000	4	18.50	93.00	3.74	0.86	83	230
		24	2000	4	20.00	93.00	4.61	0.86	83	230
		36	1700	4	22.00	93.00	5.00	0.86	83	230
		48	1350	4	21.00	120.00	3.98	0.85	81	230
		72	1100	2	23.00	120.00	4.84	0.85	81	230
		96	1000	2	25.00	120.00	5.10	0.85	81	230
AVA09.1	F30	24	2500	4	25.00	120.00	5.46	0.93	84	230
		36	2500	4	26.00	120.00	5.71	0.93	84	230
AVA10	F30	24	3000	4	29.00	105.00	5.32	0.88	83	230
AVA10G	F30	18	3500	4	30.00	105.00	5.68	0.86	80	230
		24	3500	4	32.00	105.00	5.80	0.86	80	230
		36	2000	4	29.00	105.00	5.43	0.86	80	230
		48	1600	4	31.00	130.00	5.83	0.90	82	230
		72	1400	2	32.00	130.00	5.92	0.90	82	230
		96	1200	2	33.00	130.00	6.10	0.90	82	230

Note:1.Wiring and airbreak switch selection should refer to current(A) data of actuators.
2.The torque value above apply to those voltage higher than 380V.

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AVA series Performance Data (380V 3Phase 60 Hz On/Off)

Multi-turn

Model	Flange (ISO 5210)	RPM (60Hz)	Torque (Nm)	Motor Poles	Rated Current (A)	Starting Current (A)	Rated Power (KW)	Power Factor	Efficiency (%)	Weight (KG)
AVA01	F10	21	45	4	1.53	4.20	0.18	0.80	70	32
		29	45	4	1.55	4.20	0.19	0.80	70	32
		43	35	4	1.57	4.50	0.22	0.80	70	32
		57	35	4	1.60	4.50	0.20	0.80	70	32
		86	35	2	1.86	5.50	0.30	0.90	78	32
		115	30	2	2.05	5.50	0.39	0.90	78	32
AVA02	F10	21	80	4	1.70	4.60	0.24	0.81	67	32
		29	80	4	1.73	4.60	0.26	0.81	67	32
		43	80	4	1.77	4.60	0.27	0.81	67	32
		57	80	4	1.82	4.60	0.28	0.81	67	32
		86	45	2	2.30	6.10	0.41	0.90	75	32
		115	40	2	2.35	6.10	0.47	0.90	75	32
AVA03	F10	21	110	4	1.85	5.20	0.25	0.81	66	32
		29	110	4	1.92	5.20	0.29	0.81	66	32
AVA04	F14	21	250	4	3.95	14.00	0.69	0.84	78	52
		29	250	4	4.15	14.00	0.70	0.84	78	52
		43	205	4	4.24	14.00	0.92	0.84	78	52
		57	205	4	4.36	14.00	1.02	0.84	78	52
		86	160	2	3.50	19.00	0.74	0.90	83	52
		115	145	2	3.60	19.00	0.78	0.90	83	52
		173	100	2	5.40	23.00	1.08	0.89	82	52
AVA05	F14	21	450	4	5.50	17.00	0.75	0.80	71	52
		29	450	4	5.60	17.00	0.88	0.80	71	52
		43	300	4	5.80	17.00	0.87	0.80	71	52
		57	240	4	6.10	17.00	0.90	0.80	71	52
		86	240	2	6.00	15.80	1.02	0.81	82	52
		115	230	2	8.00	15.80	1.29	0.81	82	52
		173	150	2	6.60	26.00	1.23	0.81	76	52
AVA06	F16	21	650	4	7.50	29.00	1.44	0.84	79	75
		29	650	4	7.80	29.00	1.63	0.84	79	75
		43	540	4	8.00	29.00	1.44	0.84	79	75
		57	450	4	14.60	41.00	2.05	0.80	70	75
		86	350	2	12.80	41.00	1.67	0.80	70	75
		115	365	2	13.50	41.00	2.41	0.80	70	75
		173	270	2	14.50	41.00	2.50	0.80	70	75
AVA07	F25	21	1100	4	11.50	44.00	1.80	0.91	82	200
		29	1100	4	12.60	44.00	2.21	0.91	82	200
		43	780	4	13.00	44.00	2.79	0.91	82	200
		57	680	4	16.50	76.00	3.28	0.89	80	200
		86	550	2	17.30	76.00	3.87	0.89	80	200
		115	550	2	18.20	76.00	4.00	0.89	80	200
AVA08	F30	21	1500	4	11.50	90.00	2.24	0.88	84	230
		29	1500	4	13.80	90.00	2.72	0.88	84	230
		43	1300	4	15.00	90.00	3.36	0.88	84	230
		57	1000	4	20.00	93.00	4.16	0.90	85	230
		86	800	2	21.00	93.00	4.55	0.90	85	230
		115	745	2	22.00	93.00	4.60	0.90	85	230
AVA09	F30	21	2000	4	19.50	97.00	4.18	0.87	84	230
		29	2000	4	21.00	97.00	4.70	0.87	84	230
		43	1700	4	23.00	97.00	5.50	0.87	84	230
		57	1350	4	22.00	95.00	4.10	0.86	83	230
		86	1100	2	24.00	95.00	4.93	0.86	83	230
		115	800	2	26.00	95.00	5.37	0.86	83	230
AVA09.1	F30	29	2500	4	26.00	95.00	5.29	0.85	81	230
		43	2500	4	26.50	95.00	5.38	0.85	81	230
AVA10	F30	29	3000	4	33.00	102.00	5.51	0.84	82	230
AVA10G	F30	21	3500	4	34.00	102.00	5.82	0.84	81	230
		29	3500	4	36.00	102.00	6.32	0.84	81	230
		43	2000	4	32.00	102.00	5.76	0.84	81	230
		57	1600	4	33.00	124.00	5.96	0.86	83	230
		86	1400	2	34.00	124.00	6.06	0.86	83	230
		115	1200	2	35.00	124.00	6.52	0.86	83	230

Note:1.Wiring and airbreak switch selection should refer to current(A) data of actuators.
2.The torque value above apply to those voltage higher than 380V.

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AVA Series Performance Data (220V 1Phase 50Hz On/Off)

Multi-turn

Model	Flange (ISO 5210)	RPM (50Hz)	Torque (Nm)	Motor Poles	Rated Current (A)	Starting Current (A)	Rated Power (KW)	Power Factor	Efficiency (%)	Weight (KG)
AVA03	F10	18	65	4	2.30	4.30	0.20	0.96	61	32
		24	60	4	2.30	4.30	0.20	0.96	61	32
AVA04	F14	18	165	4	6.70	16.30	0.45	0.95	73	52
		24	140	4	6.70	16.30	0.49	0.95	73	52
		36	130	4	6.70	16.30	0.50	0.95	73	52
		48	125	4	6.70	16.30	0.50	0.95	73	52
		72	80	2	9.00	24.00	0.80	0.96	71	52
		96	60	2	9.00	24.00	0.73	0.96	71	52
AVA05	F14	18	200	4	8.00	17.80	0.63	0.97	72	52
		24	200	4	8.00	17.80	0.63	0.97	72	52
		36	150	4	8.00	17.80	0.76	0.97	72	52
		48	130	4	8.00	17.80	0.76	0.97	72	52
		72	100	2	11.50	26.00	0.87	0.96	71	52
		96	70	2	11.50	26.00	0.87	0.96	71	52
AVA06	F16	18	400	4	12.60	39.00	1.17	0.97	76	75
		24	350	4	12.60	39.00	1.17	0.97	76	75
		36	300	4	12.60	39.00	1.17	0.97	76	75
		48	270	4	12.60	39.00	1.04	0.97	76	75
		72	200	2	16.00	45.00	1.36	0.95	74	75
		96	170	2	16.00	45.00	1.33	0.95	74	75

Note:Wiring and airbreak switch selection should refer to current(A) data of actuators.

AVA series Performance Data (220V 1Phase 60Hz On/Off)

Multi-turn

Model	Flange (ISO 5210)	RPM (60Hz)	Torque (Nm)	Motor Poles	Rated Current (A)	Starting Current (A)	Rated Power (KW)	Power Factor	Efficiency (%)	Weight (KG)
AVA03	F10	21	65	4	2.10	4.20	0.21	0.95	68	32
		29	60	4	2.10	4.20	0.21	0.95	68	32
AVA04	F14	21	165	4	7.50	13.00	0.59	0.94	73	52
		29	140	4	7.50	13.00	0.60	0.94	73	52
		43	130	4	7.50	13.00	0.61	0.94	73	52
		57	125	4	7.50	13.00	0.61	0.94	73	52
		86	80	2	9.80	23.00	0.91	0.92	77	52
		115	60	2	9.80	23.00	0.84	0.92	77	52
AVA05	F14	21	200	4	8.30	15.00	0.68	0.97	73	52
		29	200	4	8.30	15.00	0.68	0.97	73	52
		43	150	4	8.30	15.00	0.82	0.97	73	52
		57	130	4	8.30	15.00	0.82	0.97	73	52
		86	100	2	12.70	24.00	1.04	0.96	68	52
		115	70	2	12.70	24.00	1.04	0.96	68	52
AVA06	F16	21	400	4	14.00	28.70	1.31	0.98	74	75
		29	350	4	14.00	28.70	1.31	0.98	74	75
		43	300	4	14.00	28.70	1.31	0.98	74	75
		57	270	4	14.00	28.70	1.18	0.98	74	75
		86	200	2	19.00	41.00	1.46	0.96	71	75
		115	170	2	19.00	41.00	1.43	0.96	71	75

Note:Wiring and airbreak switch selection should refer to current(A) data of actuators.

AVAM series Performance Data (380V 3Phase 50Hz Modulating)

Model	Flange (ISO 5210)	RPM (50Hz)	Torque (Nm)	Motor Poles	Rated Current (A)	Starting Current (A)	Rated Power (KW)	Power Factor	Efficiency (%)	Weight (KG)
AVAM02	F10	18	50	4	1.46	4.00	0.22	0.75	70	32
		24	50	4	1.50	4.00	0.23	0.75	70	32
		36	50	4	1.53	4.00	0.25	0.75	70	32
		48	40	4	1.60	4.00	0.26	0.75	70	32
		72	25	2	2.00	5.80	0.41	0.82	78	32
AVAM03	F10	18	90	4	1.65	4.70	0.28	0.78	66	32
		24	90	4	1.68	4.70	0.29	0.78	66	32
AVAM04	F14	18	180	4	3.50	15.00	0.98	0.80	79	52
		24	180	4	3.75	15.00	1.17	0.80	79	52
		36	125	4	3.90	15.00	1.27	0.80	79	52
		48	125	4	4.00	15.00	1.23	0.80	79	52
		72	80	2	3.00	20.00	1.17	0.88	83	52
AVAM05	F14	18	360	4	4.00	17.00	1.33	0.81	78	52
		24	360	4	4.10	17.00	1.38	0.81	78	52
		36	240	4	4.18	17.00	1.31	0.81	78	52
		48	200	4	4.26	17.00	1.46	0.81	78	52
		72	140	2	4.50	25.00	1.60	0.90	81	52
AVAM06	F16	18	600	4	7.80	31.00	1.62	0.81	80	75
		24	600	4	8.30	31.00	1.87	0.81	80	75
		36	300	4	6.50	31.00	1.95	0.81	80	75
		48	260	4	6.30	38.00	1.74	0.89	82	75
		72	220	2	6.50	38.00	1.86	0.89	82	75

Note:1.Wiring and airbreak switch selection should refer to current(A) data of actuators.
2.The torque value above apply to those voltage higher than 380V.

AVAM series Performance Data (380V 3Phase 60Hz Modulating)

Model	Flange (ISO 5210)	RPM (60Hz)	Torque (Nm)	Motor Poles	Rated Current (A)	Starting Current (A)	Rated Power (KW)	Power Factor	Efficiency (%)	Weight (KG)
AVAM02	F10	21	50	4	1.52	4.20	0.24	0.79	68	32
		29	50	4	1.58	4.20	0.25	0.79	68	32
		43	50	4	1.62	4.20	0.27	0.79	68	32
		57	40	4	1.71	4.20	0.30	0.79	68	32
		86	25	2	2.10	8.00	0.48	0.90	77	32
AVAM03	F10	21	90	4	1.62	4.60	0.28	0.80	65	32
		29	90	4	1.75	4.60	0.31	0.80	65	32
AVAM04	F14	21	180	4	3.80	14.00	0.99	0.83	79	52
		29	180	4	3.96	14.00	1.15	0.83	79	52
		43	125	4	4.17	14.00	1.27	0.83	79	52
		57	125	4	4.25	14.00	1.25	0.83	79	52
		86	80	2	3.30	18.00	1.16	0.90	84	52
AVAM05	F14	21	360	4	4.10	16.50	1.29	0.84	78	52
		29	360	4	4.16	16.50	1.33	0.84	78	52
		43	240	4	4.23	16.50	1.26	0.84	78	52
		57	200	4	4.41	16.50	1.35	0.84	78	52
		86	140	2	4.80	23.00	1.52	0.91	81	52
AVAM06	F16	21	480	4	6.20	29.00	1.50	0.84	80	75
		29	480	4	6.40	29.00	1.76	0.84	80	75
		43	300	4	6.80	29.00	1.88	0.84	80	75
		57	260	4	6.60	35.00	1.73	0.90	82	75
		86	220	2	6.90	35.00	1.88	0.90	82	75

Note:1.Wiring and airbreak switch selection should refer to current(A) data of actuators.
2.The torque value above apply to those voltage higher than 380V.

AVAM Series Performance Data (220V 1Phase 50Hz Modulating)

Multi-turn

Model	Flange (ISO 5210)	RPM (50Hz)	Torque (Nm)	Motor Poles	Rated Current (A)	Starting Current (A)	Rated Power (KW)	Power Factor	Efficiency (%)	Weight (KG)
AVAM03	F10	18	40	4	1.80	4.00	0.14	0.98	62	32
		24	40	4	1.80	4.00	0.14	0.98	62	32
AVAM04	F14	18	100	4	6.40	16.00	0.41	0.93	66	52
		24	85	4	6.40	16.00	0.41	0.93	66	52
		36	70	4	6.40	16.00	0.42	0.93	66	52
		48	60	4	6.40	16.00	0.42	0.93	66	52
		72	50	2	8.20	24.00	0.67	0.98	78	52
AVAM05	F14	18	120	4	7.20	17.00	0.53	0.98	74	52
		24	120	4	7.20	17.00	0.53	0.98	74	52
		36	90	4	7.20	17.00	0.65	0.98	74	52
		48	80	4	7.20	17.00	0.65	0.98	74	52
		72	60	2	9.60	25.00	0.85	0.97	79	52
AVAM06	F16	18	240	4	11.30	26.00	1.07	0.96	75	75
		24	210	4	11.30	26.00	1.07	0.96	75	75
		36	180	4	11.30	26.00	0.96	0.96	75	75
		48	160	4	14.50	41.00	1.15	0.99	84	75
		72	140	2	14.50	41.00	1.15	0.99	84	75

Note:

1.For 1 phase modulating actuator, client should operate the actuator to opposite direction for 1-2 seconds first, then move to right direction. The length of opposite operation time should according the load of actuator, generally 2 seconds is enough.

2.Wiring and airbreak switch selection should refer to current(A) data of actuators.

AVAM Series Performance Data (220V 1Phase 60Hz Modulating)

Multi-turn

Model	Flange (ISO 5210)	RPM (60Hz)	Torque (Nm)	Motor Poles	Rated Current (A)	Starting Current (A)	Rated Power (KW)	Power Factor	Efficiency (%)	Weight (KG)
AVAM03	F10	21	40	4	1.90	3.90	0.15	0.98	63	32
		29	40	4	1.90	3.90	0.15	0.98	63	32
AVAM04	F14	21	100	4	7.30	13.00	0.47	0.98	73	52
		29	85	4	7.30	13.00	0.47	0.98	73	52
		43	70	4	7.30	13.00	0.48	0.98	73	52
		57	60	4	7.30	13.00	0.48	0.98	73	52
		86	50	2	10.00	22.00	0.78	0.96	78	52
AVAM05	F14	21	120	4	7.60	14.00	0.57	0.97	75	52
		29	120	4	7.60	14.00	0.57	0.97	75	52
		43	90	4	7.60	14.00	0.69	0.97	75	52
		57	80	4	7.60	14.00	0.69	0.97	75	52
		86	60	2	11.00	24.00	0.90	0.96	75	52
AVAM06	F16	21	240	4	13.00	25.00	1.10	0.98	78	75
		29	210	4	13.00	25.00	1.10	0.98	78	75
		43	180	4	13.00	25.00	0.99	0.98	78	75
		57	160	4	18.00	39.00	1.23	0.95	76	75
		86	140	2	18.00	39.00	1.23	0.95	76	75

Note:

1.For 1 phase modulating actuator, client should operate the actuator to oppsite direction for 1-2 seconds first, then move to right direction. The length of oppsite operation time should according the load of actuator, generally 2 seconds is enough.

2.Wiring and airbreak switch selection should refer to current(A) data of actuators.

AVAT Series Performance Data (380V 3Phase 50Hz On/Off)

Model	Flange (ISO 5211)	Stem Dia (mm)		90°time (s)	Torque (Nm)	Motor Poles	Rated Current (A)	Starting Current (A)	Rated Power (KW)	Power Factor	Efficiency (%)	Weight (KG)
		Key	Square									
AVAT01	F07	28	19	18-20	125	2	0.47	1.20	0.05	0.80	53	24
AVAT02	F07	28	19	18-20	250	2	0.49	1.20	0.05	0.80	53	24
	F10	42	27									
AVAT03	F10	42	27	26-30	500	2	0.53	1.30	0.06	0.78	56	35
AVAT04	F12	50	32	27-30	1000	2	0.56	1.30	0.06	0.78	56	35
	F14	60	36									
AVAT05	F12	50	32	46-50	1500	2	0.60	1.30	0.06	0.76	51	35
	F14	60	36									
AVAT06	F14	60	36	58-60	2000	2	0.62	1.30	0.06	0.76	51	35

Note:Wiring and airbreak switch selection should refer to current(A) data of actuators.

AVAT Series Performance Data (380V 3Phase 60Hz On/Off)

Model	Flange (ISO 5211)	Stem Dia (mm)		90°time (s)	Torque (Nm)	Motor Poles	Rated Current (A)	Starting Current (A)	Rated Power (KW)	Power Factor	Efficiency (%)	Weight (KG)
		Key	Square									
AVAT01	F07	28	19	16-18	125	2	0.50	1.20	0.07	0.72	67	24
AVAT02	F07	28	19	16-18	250	2	0.56	1.20	0.07	0.72	67	24
	F10	42	27									
AVAT03	F10	42	27	19-22	500	2	0.59	1.20	0.07	0.74	67	35
AVAT04	F12	50	32	23-26	1000	2	0.62	1.20	0.07	0.74	67	35
	F14	60	36									
AVAT05	F12	50	32	42-45	1500	2	0.65	1.20	0.08	0.76	66	35
	F14	60	36									
AVAT06	F14	60	36	45-50	2000	2	0.69	1.20	0.08	0.76	66	35

Note:Wiring and airbreak switch selection should refer to current(A) data of actuators.

AVATM Series Performance Data (380V 3Phase 50Hz Modulating)

Model	Flange (ISO 5211)	Stem Dia (mm)		90°time (s)	Torque (Nm)	Motor Poles	Rated Current (A)	Starting Current (A)	Rated Power (KW)	Power Factor	Efficiency (%)	Weight (KG)
		Key	Square									
AVATM01	F07	28	19	18-20	125	2	0.42	1.10	0.05	0.80	57	24
AVATM02	F07	28	19	18-20	215	2	0.45	1.10	0.05	0.80	57	24
	F10	42	27									
AVATM03	F10	42	27	26-30	300	2	0.50	1.20	0.06	0.80	57	35
AVATM04	F12	50	32	27-30	700	2	0.53	1.20	0.06	0.79	59	35
	F14	60	36									
AVATM05	F12	50	32	46-50	1100	2	0.57	1.20	0.07	0.84	55	35
	F14	60	36									
AVATM06	F14	60	36	58-60	1500	2	0.60	1.20	0.07	0.84	55	35

Note:Wiring and airbreak switch selection should refer to current(A) data of actuators.

AVATM Series Performance Data (380V 3Phase 60Hz Modulating)

Model	Flange (ISO 5211)	Stem Dia (mm)		90°time (s)	Torque (Nm)	Motor Poles	Rated Current (A)	Starting Current (A)	Rated Power (KW)	Power Factor	Efficiency (%)	Weight (KG)
		Key	Square									
AVATM01	F07	28	19	16-18	125	2	0.45	1.10	0.07	0.75	70	24
AVATM02	F07	28	19	16-18	215	2	0.48	1.10	0.07	0.75	70	24
	F10	42	27									
AVATM03	F10	42	27	19-22	300	2	0.53	1.20	0.08	0.73	69	35
AVATM04	F12	50	32	23-26	700	2	0.58	1.20	0.08	0.73	69	35
	F14	60	36									
AVATM05	F12	50	32	42-45	1100	2	0.61	1.20	0.08	0.72	67	35
	F14	60	36									
AVATM06	F14	60	36	45-50	1500	2	0.66	1.20	0.08	0.72	67	35

Note:Wiring and airbreak switch selection should refer to current(A) data of actuators.

AVAT Series Performance Data (220V 1Phase 50Hz On/Off)

Model	Flange (ISO 5211)	Stem Dia (mm)		90°time (s)	Torque (Nm)	Motor Poles	Rated Current (A)	Starting Current (A)	Rated Power (KW)	Power Factor	Efficiency (%)	Weight (KG)
		Key	Square									
AVAT01	F07	28	19	14-16	100	2	1.60	5.00	0.08	0.96	67	24
AVAT02	F07	28	19	18-20	200	2	1.60	5.00	0.08	0.96	67	24
	F10	42	27									
AVAT03	F10	42	27	18-20	400	2	1.86	5.00	0.09	0.96	69	35
AVAT04	F12	50	32	25-30	800	2	1.86	5.00	0.10	0.96	69	35
	F14	60	36									
AVAT05	F12	50	32	27-30	1200	2	1.70	5.00	0.10	0.96	68	35
	F14	60	36									
AVAT06	F14	60	36	58-62	1600	2	1.70	5.00	0.10	0.96	68	35

Note:Wiring and airbreak switch selection should refer to current(A) data of actuators.

AVAT Series Performance Data (220V 1Phase 60Hz On/Off)

Model	Flange (ISO 5211)	Stem Dia (mm)		90°time (s)	Torque (Nm)	Motor Poles	Rated Current (A)	Starting Current (A)	Rated Power (KW)	Power Factor	Efficiency (%)	Weight (KG)
		Key	Square									
AVAT01	F07	28	19	13-15	100	2	1.70	4.60	0.09	0.95	70	24
AVAT02	F07	28	19	16-18	200	2	1.70	4.60	0.09	0.95	70	24
	F10	42	27									
AVAT03	F10	42	27	16-18	400	2	1.98	4.60	0.10	0.95	72	35
AVAT04	F12	50	32	19-22	800	2	1.98	4.60	0.11	0.95	72	35
	F14	60	36									
AVAT05	F12	50	32	23-26	1200	2	1.92	4.60	0.10	0.94	73	35
	F14	60	36									
AVAT06	F14	60	36	45-50	1600	2	1.92	4.60	0.10	0.94	73	35

Note:Wiring and airbreak switch selection should refer to current(A) data of actuators.

AVATM Series Performance Data (220V 1Phase 50Hz Modulating)

Model	Flange (ISO 5211)	Stem Dia (mm)		90°time (s)	Torque (Nm)	Motor Poles	Rated Current (A)	Starting Current (A)	Rated Power (KW)	Power Factor	Efficiency (%)	Weight (KG)
		Key	Square									
AVATM01	F07	28	19	14-16	100	2	1.50	4.80	0.10	0.98	80	24
AVATM02	F07	28	19	18-20	150	2	1.50	4.80	0.10	0.98	80	24
	F10	42	27									
AVATM03	F10	42	27	18-20	200	2	1.70	4.80	0.11	0.96	78	35
AVATM04	F12	50	32	25-30	600	2	1.70	4.80	0.11	0.96	78	35
	F14	60	36									
AVATM05	F12	50	32	27-30	1000	2	1.60	4.80	0.11	0.97	79	35
	F14	60	36									
AVATM06	F14	60	36	58-62	1300	2	1.60	4.80	0.11	0.97	79	35

Note:Wiring and airbreak switch selection should refer to current(A) data of actuators.

AVATM Series Performance Data (220V 1Phase 60Hz Modulating)

Model	Flange (ISO 5211)	Stem Dia (mm)		90°time (s)	Torque (Nm)	Motor Poles	Rated Current (A)	Starting Current (A)	Rated Power (KW)	Power Factor	Efficiency (%)	Weight (KG)
		Key	Square									
AVATM01	F07	28	19	13-15	100	2	1.65	4.50	0.10	0.96	77	24
AVATM02	F07	28	19	16-18	150	2	1.65	4.50	0.10	0.96	77	24
	F10	42	27									
AVATM03	F10	42	27	16-18	200	2	1.85	4.50	0.12	0.95	78	35
AVATM04	F12	50	32	19-22	600	2	1.85	4.50	0.12	0.95	78	35
	F14	60	36									
AVATM05	F12	50	32	23-26	1000	2	1.76	4.50	0.12	0.95	79	35
	F14	60	36									
AVATM06	F14	60	36	45-50	1300	2	1.76	4.50	0.12	0.95	79	35

Note:Wiring and airbreak switch selection shouldrefer to current(A) data of actuators.