

NEMA MOTORS

Baldor-Reliance® XT Severe Duty motor

Completing the severe duty lineup



The XT series motors give you off-the-shelf features that help your severe duty applications perform safely and reliably. XT motors are manufactured locally by the world's #1 NEMA motors manufacturer. They're available now for fast delivery and installation.

BALDOR • RELIANCE

Features:

- Robust cast iron frame construction
- Compatible with ABB Ability® smart sensor for condition monitoring
- IP54 ingress protection
- Laser-etched nameplate
- Multi-color leads, for ease of connection
- Suitable for inverter use per NEMA MG1 Part 31.4.4.2
- Division 2, Class I, Groups A,B,C,D markings on nameplate
- Sealed bearings through 250 frame
- Designed for longevity with a 3-year warranty

Common industries:

- Chemical, oil and gas
- Pulp & paper, forest products
- Metals and foundries
- Cement, aggregate and above ground mining
- Food processing
- Power generation
- Water & wastewater treatment

This list of XT severe duty motors are marked for Division 2, Class I, Group A,B,C,D for Sine Wave and Inverter Power. Please refer to the most updated 501 catalog Division 2 page in the Severe Duty section.

XT severe duty, three phase, totally enclosed, 230/460 volts, 460 volts, foot mounted

1 thru 300 Hp

Hp	RPM	NEMA frame	Catalog number	List price	Disc. sym.	"C" dim.	Aprx. wt. (lb.)	Full load efficiency	Voltage	Full load amps	Notes (a)
1	3600	143T	XT3012T	892	XTM	12.54	53	84	208-230/460	1.4	1
	1800	143T	XT3014T	875	XTM	12.54	58	87.5	208-230/460	1.5	1
	1200	145T	XT3016T	979	XTM	12.54	56	82.5	208-230/460	1.7	1
1.5	3600	143T	XT30152T	945	XTM	12.54	58	85.5	208-230/460	2	1
	1800	145T	XT30154T	985	XTM	12.54	63	88.5	208-230/460	2.1	1
	1200	182T	XT30156T	1,140	XTM	15.23	99	87.5	208-230/460	2.5	1
2	3600	143T	XT3022T	992	XTM	12.54	64	86.5	208-230/460	2.5	1
	1800	145T	XT3024T	1,015	XTM	12.54	65	88.5	208-230/460	2.8	1
	1200	182T	XT3026T	1,265	XTM	15.23	113	88.5	208-230/460	3.2	1
3	3600	145T	XT3032T-140	1,123	XTM	12.54	64	86.5	208-230/460	3.6	1
	1800	182T	XT3032T	1,138	XTM	15.23	99	88.5	208-230/460	3.4	1
	1200	213T	XT3036T	1,498	XTM	18.47	194	90.2	208-230/460	4.5	1
5	3600	184T	XT3052T	1,295	XTM	15.23	115	90.2	208-230/460	5.7	1
	1800	184T	XT3054T	1,215	XTM	15.23	115	89.5	208-230/460	6.5	1
	1200	215T	XT3056T	1,910	XTM	18.47	203	89.5	208-230/460	8	1
7.5	3600	184T	XT3072T-180	1,539	XTM	15.23	123	89.5	208-230/460	8.4	1
	1800	213T	XT3072T	1,747	XTM	18.47	171	91	208-230/460	8.6	1
	1200	254T	XT3076T	2,891	XTM	23.19	302	91	230/460	10.5	1, 30
10	3600	215T	XT3102T	2,033	XTM	18.47	198	91	208-230/460	11.9	1
	1800	215T	XT3104T	2,020	XTM	18.47	231	92.4	208-230/460	12.5	1
	1200	256T	XT3106T	3,510	XTM	23.19	322	91	230/460	14.1	1, 30
15	3600	215T	XT3152T-210	2,511	XTM	18.47	225	91	208-230/460	16.9	1
	1800	254T	XT3152T	2,911	XTM	23.19	239	91	230/460	17.5	1, 30
	1200	284T	XT3154T	2,915	XTM	23.19	268	92.4	230/460	17.6	1, 30
20	3600	256T	XT3156T	4,973	XTM	27.76	391	91.7	230/460	21	1, 30
	1800	256T	XT3202T	3,595	XTM	23.19	229	91	230/460	23	1, 30
	1200	286T	XT3204T	3,490	XTM	23.19	322	93	230/460	24	1, 30
25	3600	286T	XT3206T	5,977	XTM	27.76	437	91.7	230/460	27	1, 30
	1800	254T	XT3252T-250	4,073	XTM	23.19	299	91.7	230/460	27	1, 30
	1200	284TS	XT3252TS	4,553	XTM	26.39	396	91.7	230/460	28	1, 30
30	3600	284T	XT3254T	4,300	XTM	27.76	437	93.6	230/460	30	1, 30
	1800	324T	XT3256T	6,830	XTM	30.28	605	93	230/460	32	1, 30
	1200	286TS	XT3302TS	5,268	XTM	26.39	444	91.7	230/460	34	1, 30
40	3600	286T	XT3304T	5,100	XTM	27.76	460	93.6	230/460	38	1, 30
	1800	326T	XT3306T	7,835	XTM	30.28	630	93	230/460	39	1, 30
	1200	324TS	XT3402TS	6,853	XTM	28.78	587	93	230/460	45	1, 30
50	3600	324T	XT3404T	6,600	XTM	30.28	600	94.1	230/460	48	1, 30
	1800	364T	XT3406T	10,483	XTM	33.48	908	94.1	230/460	49.8	1
	1200	326TS	XT3502TS	8,487	XTM	28.78	575	93	230/460	56	1, 30
60	3600	326T	XT3504T	8,200	XTM	30.28	700	94.5	230/460	57	1, 30
	1800	365T	XT3506T	12,360	XTM	33.48	908	94.1	230/460	61.7	1
	1200	364TS	XT3602TS	12,307	XTM	31.35	999	93.6	230/460	65.1	1
75	3600	364T	XT3604T	11,400	XTM	33.48	947	95	230/460	70	1
	1800	404T	XT3606T	14,771	XTM	38.19	1,322	94.5	230/460	69.3	1
	1200	365TS	XT3752TS	14,374	XTM	31.35	1,005	93.6	230/460	81.8	1
100	3600	365T	XT3754T	13,500	XTM	33.48	965	95.4	230/460	86	1
	1800	405T	XT3756T	17,339	XTM	38.19	1,322	94.5	230/460	87	1
	1200	405TS	XT31002TS	19,251	XTM	35.19	1,327	94.1	230/460	110	1
125	3600	405T	XT31004T	18,750	XTM	38.19	1,375	95.4	230/460	114	1
	1800	444T	XT31006T-4	25,604	XTM	44.97	1,800	95	460	115	1
	1200	444TS	XT31252TS	24,630	XTM	41.22	1,539	95	230/460	138	1
150	3600	445T	XT31254T-4	23,650	XTM	44.97	1,669	95.4	460	144	1
	1800	445T	XT31256T-4	29,397	XTM	44.97	1,913	95	460	144	1
	1200	445TS	XT31502TS-4	30,263	XTM	41.22	2,017	95	460	165	1
200	3600	445T	XT31504T-4	27,920	XTM	44.97	1,826	95.8	460	169	1
	1800	447T	XT31506T-4	33,807	XTM	48.22	2,571	95.8	460	175	1
	1200	447TS	XT32002TS-4	35,175	XTM	44.72	2,330	96.2	460	213	1
250	3600	447T	XT32004T-4	33,815	XTM	48.22	2,676	96.2	460	222	1
	1800	449T	XT32006T-4	41,368	XTM	53.22	2,789	95.8	460	225	1
	1200	449TS	XT32502TS-4	53,033	XTM	49.72	2,595	95.8	460	269	1
300	3600	447T	XT32504T-4	42,850	XTM	53.22	2,888	96.2	460	276	1
	1800	449T	XT32506T-4	56,842	XTM	53.22	3,125	95.8	460	286	1
	1200	449TS	XT33002TS-4	61,396	XTM	49.72	2,595	95.8	460	324	1
	1800	449T	XT33004T-4	50,350	XTM	53.47	3,130	96.2	460	334	1

(a) See notes on inside back flap.

Cast iron frame

Red catalog number indicates NEW product.

XT severe duty, three phase, totally enclosed, 230/460 volts, 460 volts, C-Face

1 thru 300 Hp

Hp	RPM	NEMA frame	Catalog number	List price	Disc. sym.	"C" dim.	Aprx. wt. (lb.)	Full load efficiency	Voltage	Full load amps	Notes (a)
C-Face, foot mounted											
1	3600	143TC	CXT3012T	930	XTM	12.54	53	84	208-230/460	1.4	1
	1800	143TC	CXT3014T	913	XTM	12.54	58	87.5	208-230/460	1.5	1
	1200	145TC	CXT3016T	1017	XTM	12.54	56	82.5	208-230/460	1.7	1
1.5	3600	143TC	CXT30152T	985	XTM	12.54	58	85.5	208-230/460	2	1
	1800	145TC	CXT30154T	1035	XTM	12.54	63	88.5	208-230/460	2.1	1
	1200	182TC	CXT30156T	1190	XTM	15.98	99	87.5	208-230/460	2.5	1
2	3600	143TC	CXT3022T	1032	XTM	12.54	64	86.5	208-230/460	2.5	1
	1800	145TC	CXT3024T	1055	XTM	12.54	65	88.5	208-230/460	2.8	1
	1200	182TC	CXT3026T	1325	XTM	15.98	113	88.5	208-230/460	3.2	1
3	3600	145TC	CXT3032T-140	1163	XTM	12.54	64	86.5	208-230/460	3.6	1
		182TC	CXT3032T	1198	XTM	15.98	99	88.5	208-230/460	3.4	1
	1800	182TC	CXT3034T	1160	XTM	15.98	105	89.5	208-230/460	4.1	1
5	1200	213TC	CXT3036T	1573	XTM	19.20	194	90.2	208-230/460	4.5	1
	3600	184TC	CXT3052T	1355	XTM	15.98	105	90.2	208-230/460	5.7	1
	1800	184TC	CXT3054T	1275	XTM	15.98	115	89.5	208-230/460	6.5	1
7.5	1200	215TC	CXT3056T	1985	XTM	19.20	203	89.5	208-230/460	8	1
	3600	184TC	CXT3072T-180	1599	XTM	15.98	123	89.5	208-230/460	8.4	1
		213TC	CXT3072T	1832	XTM	19.20	171	91	208-230/460	8.6	1
10	1800	213TC	CXT3074T	1785	XTM	19.20	203	91.7	208-230/460	9.8	1
	1200	254TC	CXT3076T	3001	XTM	23.76	302	91	230/460	10.5	1, 30
	3600	215TC	CXT3102T	2118	XTM	19.20	198	91	208-230/460	11.9	1
15	1800	215TC	CXT3104T	2105	XTM	19.20	231	92.4	208-230/460	12.5	1
	1200	256TC	CXT3106T	3620	XTM	23.76	322	91	230/460	14.1	1, 30
	3600	215TC	CXT3152T-210	2596	XTM	19.20	225	91	208-230/460	16.9	1
20		254TC	CXT3152T	3021	XTM	23.80	253	91	230/460	17.5	1, 30
	1800	254TC	CXT3154T	3025	XTM	23.80	268	92.4	230/460	17.6	1, 30
	1200	284TC	CXT3156T	5143	XTM	27.76	437	91.7	230/460	21	1, 30
25	3600	256TC	CXT3202T	3705	XTM	23.80	229	91	230/460	23	1, 30
	1800	256TC	CXT3204T	3600	XTM	23.80	322	93	230/460	24	1, 30
	1200	286TC	CXT3206T	6147	XTM	27.76	437	91.7	230/460	27	1, 30
30	3600	254TC	CXT3252T-250	4183	XTM	23.80	299	91.7	230/460	29	1, 30
		284TSC	CXT3252TS	4723	XTM	26.19	396	91.7	230/460	28	1, 30
	1800	284TC	CXT3254T	4470	XTM	27.76	437	93.6	230/460	30	1, 30
40	1200	324TC	CXT3256T	7055	XTM	30.28	605	93	230/460	32	1, 30
	3600	286TSC	CXT3302TS	5438	XTM	26.19	444	91.7	230/460	34	1, 30
	1800	286TC	CXT3304T	5270	XTM	27.76	460	93.6	230/460	38	1, 30
50	1200	326TC	CXT3306T	8060	XTM	30.28	630	93	230/460	39	1, 30
	3600	324TSC	CXT3402TS	7078	XTM	28.78	587	93	230/460	45	1, 30
	1800	324TC	CXT3404T	6825	XTM	30.28	600	94.1	230/460	48	1, 30
60	1200	364TC	CXT3406T	11198	XTM	33.48	908	94.1	230/460	49.8	1
	3600	326TSC	CXT3502TS	8712	XTM	28.78	635	93	230/460	56	1, 30
	1800	326TC	CXT3504T	8425	XTM	30.28	700	94.5	230/460	57	1, 30
75	1200	365TC	CXT3506T	13075	XTM	33.48	908	94.1	230/460	61.7	1
	3600	364TSC	CXT3602TS	13022	XTM	31.35	999	93.6	230/460	65.1	1
	1800	364TC	CXT3604T	12115	XTM	33.48	947	95	230/460	70	1
100	3600	365TSC	CXT3752TS	15089	XTM	31.35	1005	93.6	230/460	81.8	1
	1800	365TC	CXT3754T	14215	XTM	33.48	965	95.4	230/460	86	1
	3600	405TSC	CXT31002TS	20146	XTM	35.20	1327	94.1	230/460	110	1
125	1800	405TC	CXT31004T-4	19645	XTM	38.19	1375	95.4	460	115	1
	1200	445TC	CXT31254T-4	25252	XTM	44.97	1669	95.4	460	144	1
	1800	445TC	CXT31504T-4	29050	XTM	44.97	1826	95.8	460	169	1
150	1800	447TC	CXT32004T-4	35417	XTM	48.47	2676	96.2	460	222	1
	1200	447TC	CXT32504T-4	44452	XTM	53.22	2888	96.2	460	276	1
	1800	449TC	CXT33004T-4	51952	XTM	53.47	3027	96.2	460	334	1

(a) See notes on inside back flap.

Cast iron frame

Red catalog number indicates **NEW** product.

XT severe duty, three phase, totally enclosed, 230/460 volts, 460 volts, C-Face

1 thru 30 Hp

Hp	RPM	NEMA frame	Catalog number	List price	Disc. sym.	"C" dim.	Aprx. wt. (lb.)	Full load efficiency	Voltage	Full load amps	Notes (a)
C-Face, footless											
1	3600	143TC	VXT3012T	930	XTM	12.54	53	84	208-230/460	1.4	1
	1800	143TC	VXT3014T	913	XTM	12.54	58	87.5	208-230/460	1.5	1
	1200	145TC	VXT3016T	1017	XTM	12.54	56	82.5	208-230/460	1.7	1
1.5	3600	143TC	VXT30152T	985	XTM	12.54	58	85.5	208-230/460	2	1
	1800	145TC	VXT30154T	1035	XTM	12.54	63	88.5	208-230/460	2.1	1
	1200	182TC	VXT30156T	1190	XTM	15.98	99	87.5	208-230/460	2.5	1
2	3600	143TC	VXT3022T	1032	XTM	12.54	64	86.5	208-230/460	2.5	1
	1800	145TC	VXT3024T	1055	XTM	12.54	65	88.5	208-230/460	2.8	1
	1200	182TC	VXT3026T	1325	XTM	15.98	115	88.5	208-230/460	3.5	1
3	3600	145TC	VXT3032T-140	1163	XTM	12.54	64	86.5	208-230/460	3.6	1
		182TC	VXT3032T	1198	XTM	15.98	99	88.5	208-230/460	3.4	1
	1800	182TC	VXT3034T	1160	XTM	15.98	105	89.5	208-230/460	4.1	1
5	1200	213TC	VXT3036T	1583	XTM	19.25	171	90.2	208-230/460	4.5	1
	3600	184TC	VXT3052T	1355	XTM	15.98	115	90.2	208-230/460	5.7	1
	1800	184TC	VXT3054T	1275	XTM	15.98	115	89.5	208-230/460	6.5	1
7.5	1200	215TC	VXT3056T	1995	XTM	19.25	203	89.5	208-230/460	8	1
	3600	184TC	VXT3072T-180	1599	XTM	15.98	123	89.5	208-230/460	8.4	1
		213TC	VXT3072T	1832	XTM	19.25	171	91	208-230/460	8.6	1
10	1800	213TC	VXT3074T	1785	XTM	19.25	203	91.7	208-230/460	9.5	1
	1200	254TC	VXT3076T	3001	XTM	23.76	302	91	230/460	10.5	1, 30
	3600	215TC	VXT3102T	2118	XTM	19.25	198	91	208-230/460	11.9	1
15	1800	215TC	VXT3104T	2105	XTM	19.25	231	92.4	208-230/460	12.5	1
	1200	256TC	VXT3106T	3620	XTM	23.76	322	91	230/460	14.1	1, 30
	3600	215TC	VXT3152T-210	2596	XTM	19.25	225	91	208-230/460	16.9	1
20		254TC	VXT3152T	3021	XTM	23.76	239	91	230/460	17.5	1, 30
	1800	254TC	VXT3154T	3025	XTM	23.76	268	92.4	230/460	17.6	1, 30
	1200	284TC	VXT3156T	5143	XTM	27.76	437	91.7	230/460	21	1, 30
25	3600	256TC	VXT3202T	3705	XTM	23.80	310	91	230/460	23	1, 30
	1800	256TC	VXT3204T	3600	XTM	23.80	322	93	230/460	24	1, 30
	1200	286TC	VXT3206T	6147	XTM	27.76	437	91.7	230/460	27	1, 30
30	3600	254TC	VXT3252T-250	4183	XTM	23.76	299	91.7	230/460	27	1, 30
		284TSC	VXT3252TS	4723	XTM	26.39	396	91.7	230/460	28	1, 30
	1800	284TC	VXT3254T	4470	XTM	27.76	437	93.6	230/460	30	1, 30
30	1200	324TC	VXT3256T	7055	XTM	30.28	605	93	230/460	32	1, 30
	3600	286TSC	VXT3302TS	5438	XTM	26.39	396	91.7	230/460	34	1, 30
	1800	286TC	VXT3304T	5270	XTM	27.76	460	93.6	230/460	36	1, 30

(a) See notes on inside back flap.

Cast iron frame

Red catalog number indicates NEW product.

ABB Motors and Mechanical Inc.
5711 R.S. Boreham, Jr. Street
Fort Smith, AR 72901
Ph: 1.479.646.4711

We reserve the right to make technical changes or modify the contents of this document without prior notice. With regard to purchase orders, the agreed particulars shall prevail. ABB does not accept any responsibility whatsoever for potential errors or possible lack of information in this document.

We reserve all rights in this document and in the subject matter and illustrations contained therein. Any reproduction, disclosure to third parties or utilization of its contents – in whole or in parts – is forbidden without prior written consent of ABB.
Copyright© 2017 ABB
All rights reserved