

# Technical data overview

## Torque motors TM

// Technical data									
Motor	Stator-Ø	Rotor Ø	Stator length H1	Rotor length H2	Rated torque		Peak torque up to 2 sec.	Max. speed	Voltage
					Air cooled	Water cooled			
	(mm)	(mm)	(mm)	(mm)	(Nm)	(Nm)	(Nm)	(1/min)	(V)
TM 140/089-030	160	60	65	31	9	20	38	800	400
TM 140/089-050	160	60	85	51	16	33	63	800	400
TM 140/089-070	160	60	105	71	21	46	89	800	400
TM 140/089-100	160	60	135	101	31	66	127	800	400
TM 140/089-150	160	60	185	151	45	100	190	800	400
TM 175/119-030	198	90	75	31	16	33	68	700	400
TM 175/119-050	198	90	95	51	25	55	114	700	400
TM 175/119-070	198	90	115	71	34	78	159	700	400
TM 175/119-100	198	90	145	101	48	113	228	700	400
TM 175/119-150	198	90	195	151	71	170	341	700	400
TM 210/169-030	230	140	70	31	28	70	135	450	400
TM 210/169-050	230	140	90	51	47	120	225	450	400
TM 210/169-070	230	140	110	71	66	170	312	450	400
TM 210/169-100	230	140	140	101	92	245	450	450	400
TM 210/169-150	230	140	190	151	140	370	680	450	400
TM 290/229-030	310	200	70	31	65	135	260	300	400
TM 290/229-050	310	200	90	51	108	230	430	300	400
TM 290/229-070	310	200	110	71	145	320	590	300	400
TM 290/229-100	310	200	140	101	207	460	845	300	400
TM 290/229-150	310	200	190	151	305	700	1,260	300	400
TM 360/295-030	385	255	90	31	95	210	404	180	400
TM 360/295-050	385	255	110	51	158	350	673	180	400
TM 360/295-070	385	255	130	71	211	490	942	180	400
TM 360/295-100	385	255	160	101	315	700	1,346	180	400
TM 360/295-150	385	255	210	151	473	1,050	2,019	180	400
TM 360/298-030	385	265	90	31	115	243	440	180	400
TM 360/298-050	385	265	110	51	195	405	720	180	400
TM 360/298-070	385	265	130	71	255	560	1,020	180	400
TM 360/298-100	385	265	160	101	355	825	1,420	180	400
TM 360/298-150	385	265	210	151	530	1,230	2,130	180	400
TM 420/350-030	450	300	90	31	130	270	519	160	400
TM 420/350-050	450	300	110	51	210	445	856	160	400
TM 420/350-070	450	300	130	71	290	625	1,202	160	400
TM 420/350-100	450	300	160	101	405	890	1,712	160	400
TM 420/350-150	450	300	210	151	590	1,340	2,577	160	400

## // Technical data

Motor	Stator-Ø	Rotor Ø	Stator length H1	Rotor length H2	Rated torque		Peak torque up to 2 sec.	Max. speed	Voltage
					Air cooled	Water cooled			
	(mm)	(mm)	(mm)	(mm)	(Nm)	(Nm)	(Nm)	(1/min)	(V)
TM 450/384-030	485	345	90	31	185	370	710	160	400
TM 450/384-050	485	345	110	51	300	640	1,180	160	400
TM 450/384-070	485	345	130	71	415	890	1,650	160	400
TM 450/384-100	485	345	160	101	580	1,350	2,340	160	400
TM 450/384-150	485	345	210	151	850	1,930	3,510	160	400
TM 530/459-030	565	420	90	31	275	525	1,010	150	400
TM 530/459-050	565	420	110	51	435	910	1,684	150	400
TM 530/459-070	565	420	130	71	600	1,285	2,350	150	400
TM 530/459-100	565	420	160	101	820	1,820	3,336	150	400
TM 530/459-150	565	420	210	151	1310	2,740	5,020	150	400
TM 760/690-030	795	640	90	31	630	1,230	2,250	100	400
TM 760/690-050	795	640	110	51	1,050	2,165	3,900	100	400
TM 760/690-070	795	640	130	71	1,430	2,915	5,310	100	400
TM 760/690-100	795	640	160	101	2,010	4,290	7,780	100	400
TM 760/690-150	795	640	210	151	3,000	6,420	11,602	100	400
TM 992/919-030	1,030	860	90	31	1,100	2,100	4,060	60	400
TM 992/919-050	1,030	860	110	51	1,800	3,650	6,900	60	400
TM 992/919-070	1,030	860	130	71	2,475	5,196	9,350	60	400
TM 992/919-100	1,030	860	160	101	3,400	7,486	13,720	60	400
TM 992/919-150	1,030	860	210	151	5,025	11,200	20,332	60	400
TM 1220/1149-030	1,290	1,070	90	31	1,725	3,150	6,300	40	400
TM 1220/1149-050	1,290	1,070	110	51	2,800	5,500	10,580	40	400
TM 1220/1149-070	1,290	1,070	130	71	3,625	7,450	14,530	40	400
TM 1220/1149-100	1,290	1,070	160	101	5,150	11,200	20,910	40	400
TM 1220/1149-150	1,290	1,070	210	151	7,200	16,300	31,350	40	400
TM 1380/1290-030	1,450	1,200	100	31	1,720	3,800	6,080	30	400
TM 1380/1290-050	1,450	1,200	120	51	2,900	6,400	10,250	30	400
TM 1380/1290-070	1,450	1,200	140	71	4,000	8,900	14,200	30	400
TM 1380/1290-100	1,450	1,200	170	101	5,700	12,700	19,900	30	400
TM 1380/1290-150	1,450	1,200	220	151	8,600	19,100	29,600	30	400
TM 2070/1920-030	2,200	1,720	137	31	2,975	6,000	8,000	25	400
TM 2070/1920-050	2,200	1,720	157	51	4,950	10,000	13,300	25	400
TM 2070/1920-070	2,200	1,720	177	71	6,925	14,000	18,660	25	400
TM 2070/1920-100	2,200	1,720	207	101	9,900	20,000	26,600	25	400
TM 2070/1920-150	2,200	1,720	257	151	14,850	30,000	40,000	25	400