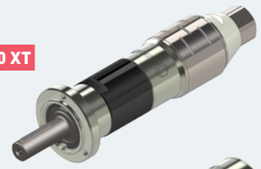
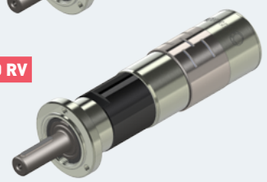
MOTOR MTS 10
POWER 1100-1300 W

MTS 10 XT



MTS 10 RV



REDUCTION RATIO
(3 digits)
See table below

OPTIONS
(2 digits)
See table on right page

M T S 1 0 X X X X X X X X X X — X X

ROTATION*
- RT Right (Clockwise)
- LT Left (CCW)
- RV Reversible

FLANGE
(1 to 2 digits)
Group IV pages 160 to 162

OUTPUT SHAFT
(1 to 3 digits)
Group IV pages 163 to 165

** rotation direction is defined when looking from the back of the motor*

PERFORMANCES

MTS 10 XT Air motor reference	Reduction ratio	Air supply pressure	Speed (rpm) @ max Power	Speed (rpm) Free	Torque (N.m) @ max Power	Torque (N.m) Max (stall)	Torque (N.m) Starting torque	Max Power (W)	Air cons (Nl/min)	Dimensions A (mm)	Dimensions Ø (mm)	Dimensions Weight (kg)
MTS 10 XT 005	5	6,2 bars	1613	3227	6,5	9,8	8,1	1106	1600	166	60,3	2,0
		5 bars	1521	3042	5,2	8,2	6,7	834	1200			
		4 bars	1433	2866	3,9	6,5	5,4	590	1000			
MTS 10 XT 006	6	6,2 bars	1347	2694	7,8	12	9,6	1106	1600	166	60,3	2,0
		5 bars	1270	2539	6,3	9,8	8,0	834	1200			
		4 bars	1196	2393	4,7	7,8	6,4	590	1000			
MTS 10 XT 007	7	6,2 bars	1057	2113	10	15	12	1106	1600	166	60,3	2,0
		5 bars	996	1992	8,0	12	10	834	1200			
		4 bars	939	1877	6,0	10	8,2	590	1000			
MTS 10 XT 011	11	6,2 bars	738	1475	14	21	18	1106	1600	166	60,3	2,0
		5 bars	695	1390	11	18	15	834	1200			
		4 bars	655	1310	8,6	14	12	590	1000			
MTS 10 XT 023	23	6,2 bars	336	672	31	47	39	1106	1600	193	60,3	2,3
		5 bars	317	634	25	39	32	834	1200			
		4 bars	299	597	19	31	26	590	1000			
MTS 10 XT 028	28	6,2 bars	281	561	38	56	46	1106	1600	193	60,3	2,3
		5 bars	264	529	30	47	38	834	1200			
		4 bars	249	498	23	38	31	590	1000			
MTS 10 XT 035	35	6,2 bars	220	440	48	72	59	1106	1600	193	60,3	2,3
		5 bars	207	415	38	60	49	834	1200			
		4 bars	196	391	29	48	39	590	1000			
MTS 10 XT 042	42	6,2 bars	184	367	58	86	71	1106	1600	193	60,3	2,3
		5 bars	173	346	46	72	59	834	1200			
		4 bars	163	326	35	58	47	590	1000			
MTS 10 XT 054	54	6,2 bars	144	288	73	110	90	1106	1600	193	60,3	2,3
		5 bars	136	272	59	91	75	834	1200			
		4 bars	128	256	44	73	60	590	1000			
MTS 10 XT 077	77	6,2 bars	101	201	105	158	129	1106	1600	193	60,3	2,3
		5 bars	95	190	84	131	107	834	1200			
		4 bars	89	179	63	105	86	590	1000			

MTS 10 RV Air motor reference	Reduction ratio	Air supply pressure	Speed (rpm) @ max Power	Speed (rpm) Free	Torque (N.m) @ max Power	Torque (N.m) Max (stall)	Torque (N.m) Starting torque	Max Power (W)	Air cons (Nl/min)	Dimensions A (mm)	Dimensions Ø (mm)	Dimensions Weight (kg)
MTS 10 RV 005	5	6,2 bars	1721	3442	7,2	10	9,2	1298	1600	156,5	60,3	2,1
		5 bars	1617	3234	5,8	8,5	7,5	975	1300			
		4 bars	1520	3040	4,4	6,5	5,8	695	1000			
MTS 10 RV 006	6	6,2 bars	1437	2873	8,6	13	11	1298	1600	156,5	60,3	2,1
		5 bars	1350	2700	6,9	10	9,0	975	1300			
		4 bars	1269	2538	5,2	7,8	6,9	695	1000			
MTS 10 RV 007	7	6,2 bars	1127	2254	11	16	14	1298	1600	156,5	60,3	2,1
		5 bars	1059	2118	8,8	13	11	975	1300			
		4 bars	996	1991	6,7	10	8,8	695	1000			
MTS 10 RV 011	11	6,2 bars	787	1574	16	23	20	1298	1600	156,5	60,3	2,1
		5 bars	739	1479	13	19	16	975	1300			
		4 bars	695	1390	9,6	14	13	695	1000			
MTS 10 RV 023	23	6,2 bars	359	717	35	50	44	1298	1600	183,5	60,3	2,4
		5 bars	337	674	28	41	36	975	1300			
		4 bars	317	633	21	31	28	695	1000			
MTS 10 RV 028	28	6,2 bars	299	599	41	60	53	1298	1600	183,5	60,3	2,4
		5 bars	281	562	33	49	43	975	1300			
		4 bars	264	529	25	38	33	695	1000			
MTS 10 RV 035	35	6,2 bars	235	470	53	77	68	1298	1600	183,5	60,3	2,4
		5 bars	221	441	42	62	55	975	1300			
		4 bars	207	415	32	48	42	695	1000			
MTS 10 RV 042	42	6,2 bars	196	392	63	92	81	1298	1600	183,5	60,3	2,4
		5 bars	184	368	51	75	66	975	1300			
		4 bars	173	346	38	58	51	695	1000			
MTS 10 RV 054	54	6,2 bars	154	308	81	117	103	1298	1600	183,5	60,3	2,4
		5 bars	144	289	64	95	84	975	1300			
		4 bars	136	272	49	73	65	695	1000			
MTS 10 RV 077	77	6,2 bars	107	215	116	168	148	1298	1600	183,5	60,3	2,4
		5 bars	101	202	92	137	120	975	1300			
		4 bars	95	190	70	105	92	695	1000			

For connection and lubrication, see page 73

Data indicated in this table have an accuracy of +/- 5%

OPTIONS AVAILABLE FOR THIS MOTOR

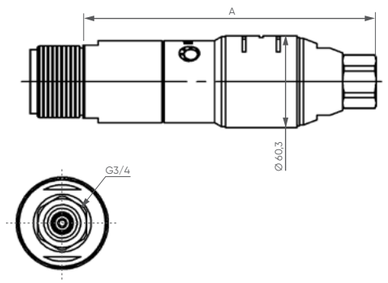
Code	00	01	02	03	04	05	06	07	09	10	12	13	14	15	16	17	18	19	21	22	29	30	31	32
Collected exhaust		▶						▶	▶	▶									▶	▶				
ATEX certification			▶					▶			▶	▶	▶	▶					▶	▶	▶	▶	▶	▶
Left/Right switch*				▶							▶				▶	▶					▶	▶		
Lubrication free					▶				▶			▶			▶		▶		▶		▶		▶	
Kit start						▶				▶			▶			▶		▶		▶		▶		▶
Speed control**							▶							▶			▶	▶					▶	▶

List of available accessories for this motor page 73

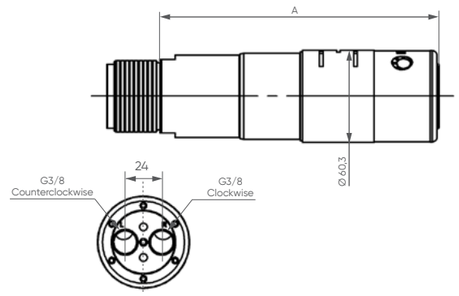
** Reversible motors only* *** Non reversible motors only*

LAYOUT

MTS 10 XT

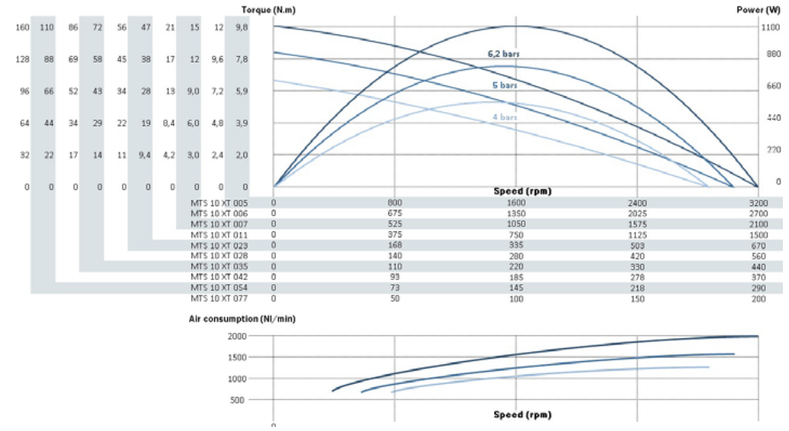


MTS 10 RV

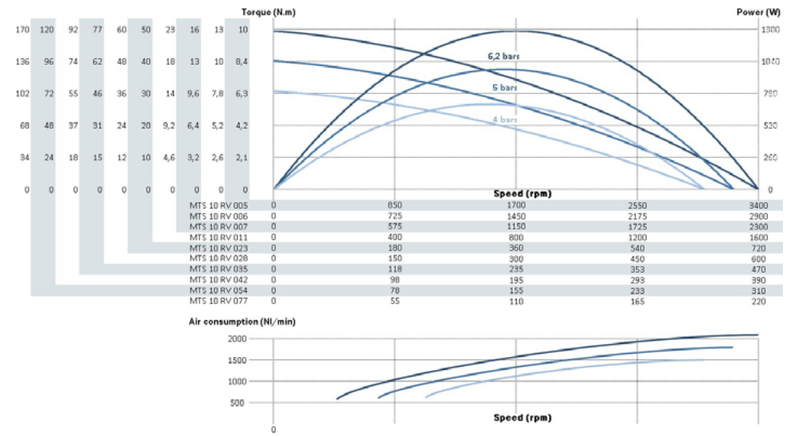


POWER, SPEED, TORQUE AND AIR CONSUMPTION GRAPHS

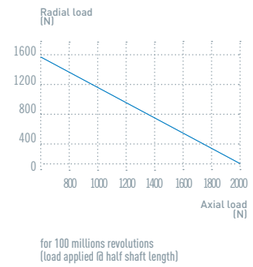
MTS 10 XT



MTS 10 RV



MAXIMUM RADIAL & AXIAL LOAD



NOTES

modec moteurs & solutions pneumatiques