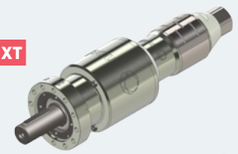
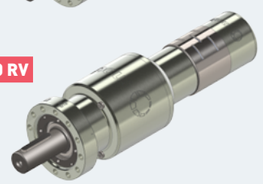
MOTOR MTZ 10
POWER 1100-1250 W

MTZ 10 XT



MTZ 10 RV



REDUCTION RATIO
(3 digits)
See table below

OPTIONS
(2 digits)
See table on right page

M T Z 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 VI page 167

OUTPUT SHAFT
(1 to 3 digits)
Group VI page 168

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

PERFORMANCES

MTZ 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)
MTZ 10 XT 169	169	6 bars	44	89	233	338	277	1080	1600	158,2	88,8	4,5
		5 bars	42	83	186	278	228	810	1200			
		4 bars	39	79	140	224	184	577	1000			
MTZ 10 XT 202	202	6 bars	37	74	279	405	332	1080	1600	158,2	88,8	4,5
		5 bars	35	69	223	333	273	810	1200			
		4 bars	33	66	167	268	220	577	1000			
MTZ 10 XT 258	258	6 bars	29	58	355	517	424	1080	1600	158,2	88,8	4,5
		5 bars	27	54	284	424	348	810	1200			
		4 bars	26	52	213	342	280	577	1000			
MTZ 10 XT 309	309	6 bars	24	48	426	619	507	1080	1600	158,2	88,8	4,5
		5 bars	23	45	341	508	417	810	1200			
		4 bars	22	43	255	410	336	577	1000			

MTZ 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)
MTZ 10 RV 169	169	6 bars	48	96	246	316	278	1243	1600	148,7	88,8	4,6
		5 bars	45	91	194	254	223	923	1300			
		4 bars	42	85	149	195	172	662	1000			
MTZ 10 RV 202	202	6 bars	40	81	295	379	333	1243	1600	148,7	88,8	4,6
		5 bars	38	76	232	304	267	923	1300			
		4 bars	35	71	179	234	206	662	1000			
MTZ 10 RV 258	258	3 bars	32	63	376	483	425	1243	1600	148,7	88,8	4,6
		2 bars	30	60	296	387	341	923	1300			
		1 bars	28	55	228	298	262	662	1000			
MTZ 10 RV 309	309	0 bars	26	53	450	578	509	1243	1600	148,7	88,8	4,6
		1 bars	25	50	354	464	408	923	1300			
		2 bars	23	46	273	357	314	662	1000			

For connection and lubrication, see page 73

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

OPTIONS AVAILABLE FOR THIS MOTOR

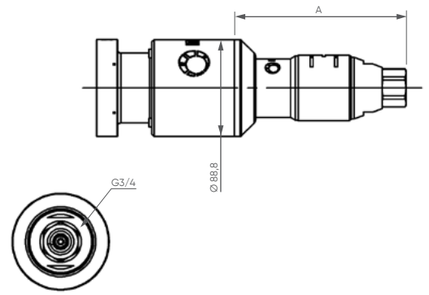
Code	00	01	02	03	04	05	06	07	09	10	11	12	13	14	15	16	17	18	19	21	22	23	27	28	29	30	31	32	36	37
Collected exhaust		●						●	●	●	●									●	●	●	●	●					●	●
ATEX certification			●					●				●	●	●	●					●	●	●			●	●	●	●	●	●
Left/Right switch*				●								●				●	●								●	●				
Lubrication free					●				●				●			●		●		●			●		●		●		●	
Kit start						●				●				●			●		●		●			●		●		●		●
Speed control**							●								●			●	●								●	●		
Stainless steel											●											●	●	●					●	●

List of available accessories for this motor page 73

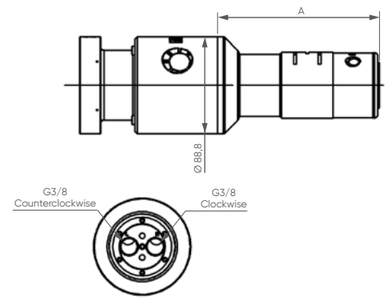
** Reversible motors only* *** Non reversible motors only*

LAYOUT

MTZ 10 XT

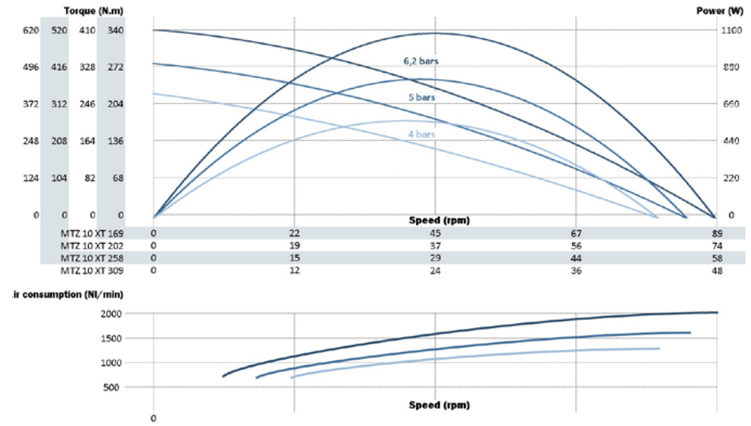


MTZ 10 RV

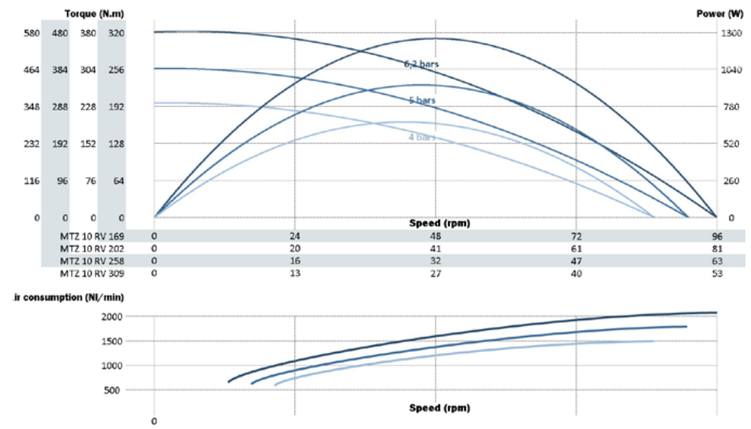


POWER, SPEED, TORQUE AND AIR CONSUMPTION GRAPHS

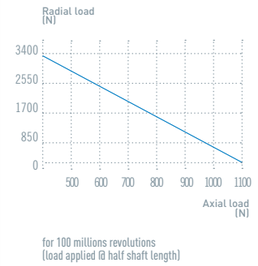
MTZ 10 XT



MTZ 10 RV



MAXIMUM RADIAL & AXIAL LOAD



NOTES

modec moteurs & solutions pneumatiques