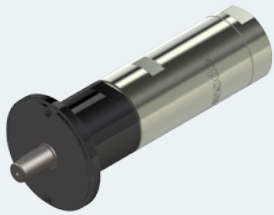


MOTOR MTS 05
POWER 300 W

MTS 05



REDUCTION RATIO

(3 digits)
See table below

OPTIONS

(2 digits)
See table on right page

M T S 0 5 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 I page 156

OUTPUT SHAFT

(1 to 3 digits)
Group I page 156

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

OPTIONS AVAILABLE FOR THIS MOTOR

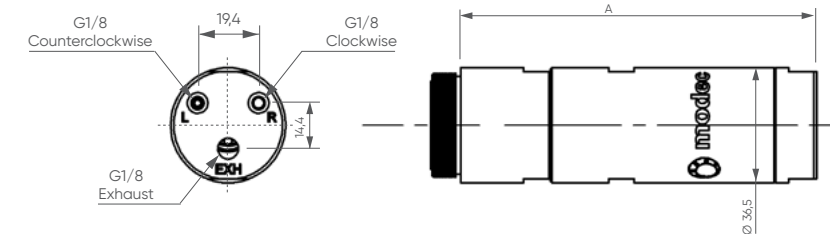
Collected exhaust*						
ATEX certification						
Lubrication free						
Kit start						
Code	01	07	09	10	21	22

* Exhaust is always collected on "05" series air motors

+ List of available accessories for this motor page 27

LAYOUT

MTS 05



PERFORMANCES

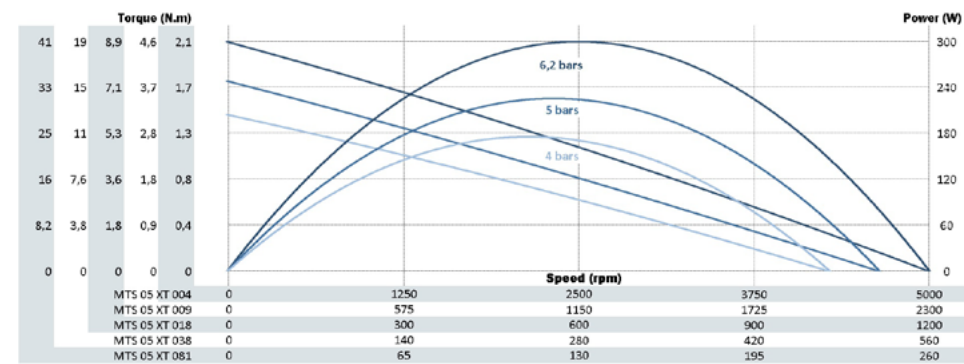
MTS 05 XT	Reduction ratio	Air supply pressure	Speed (rpm)		Torque (N.m)			Max Power (W)	Air cons (Nl/min)	Dimensions		
Air motor reference			@ max Power	Free	@ max Power	Max (stall)	Starting torque			A (mm)	Ø (mm)	Weight (kg)
MTS 05 XT 004	004	6,2 bars	2507	5014	1,1	2,1	1,9	299	500	113	36,5	0,7
		5 bars	2314	4629	0,9	1,8	1,6	226	400			
		4 bars	2141	4281	0,8	1,5	1,3	174	300			
MTS 05 XT 009	009	6,2 bars	1170	2340	2,4	4,6	4,0	299	500	113	36,5	0,7
		5 bars	1080	2160	2,0	3,8	3,3	226	400			
		4 bars	999	1998	1,7	3,1	2,7	174	300			
MTS 05 XT 018	018	6,2 bars	597	1194	4,8	8,9	7,9	299	500	113	36,5	0,7
		5 bars	551	1102	3,9	7,4	6,5	226	400			
		4 bars	510	1019	3,3	6,1	5,4	174	300			
MTS 05 XT 038	038	6,2 bars	279	557	10	19	17	299	500	113	36,5	0,7
		5 bars	257	514	8,4	16	14	226	400			
		4 bars	238	476	7,0	13	11	174	300			
MTS 05 XT 081	081	6,2 bars	130	260	22	41	36	299	500	113	36,5	0,7
		5 bars	120	240	18	34	30	226	400			
		4 bars	111	222	15	28	25	174	300			
MTS 05 RV	Reduction ratio	Air supply pressure	Speed (rpm)		Torque (N.m)			Max Power (W)	Air cons (Nl/min)	Dimensions		
Air motor reference			@ max Power	Free	@ max Power	Max (stall)	Starting torque			A (mm)	Ø (mm)	Weight (kg)
MTS 05 RV 004	004	6,2 bars	2353	4706	1,2	2,0	1,3	294	500	113	36,5	0,7
		5 bars	2199	4397	1,0	1,7	1,0	226	400			
		4 bars	2044	4089	0,8	1,3	0,8	173	300			
MTS 05 RV 009	009	6,2 bars	1098	2196	2,6	4,3	2,7	294	500	113	36,5	0,7
		5 bars	1026	2052	2,1	3,6	2,2	226	400			
		4 bars	954	1908	1,7	2,9	1,8	173	300			
MTS 05 RV 018	018	6,2 bars	560	1120	5,0	8,5	5,3	294	500	113	36,5	0,7
		5 bars	523	1047	4,1	7,0	4,3	226	400			
		4 bars	487	973	3,4	5,7	3,5	173	300			
MTS 05 RV 038	038	6,2 bars	261	523	11	18	11	294	500	113	36,5	0,7
		5 bars	244	489	8,8	15	9,3	226	400			
		4 bars	227	454	7,3	12	7,5	173	300			
MTS 05 RV 081	081	6,2 bars	122	244	23	39	24	294	500	113	36,5	0,7
		5 bars	114	228	19	32	20	226	400			
		4 bars	106	212	16	26	16	173	300			

For connection and lubrication, see page 27

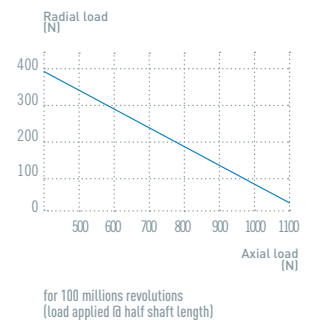
Data indicated in this table have an accuracy of +/- 5%

POWER, SPEED, TORQUE AND AIR CONSUMPTION GRAPHS

MTS 05 XT



MAXIMUM RADIAL & AXIAL LOAD



NOTES