

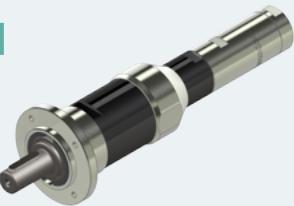
MOTOR

POWER

MTH 05

270 W

MTH 05



REDUCTION RATIO

(3 digits)
See table below

OPTIONS

(2 digits)
See table on right page

M T H 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 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	MTH 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)
	MTH 05 XT 085	85	6,2 bars	121	245	21	40	35	271	500	206,3	58	2,0	
			5 bars	115	232	18	32	28	217	400				
			4 bars	108	219	16	26	23	177	300				
	MTH 05 XT 101	101	6,2 bars	101	205	26	48	42	271	500	206,3	58	2,0	
			5 bars	96	194	22	39	34	217	400				
			4 bars	90	183	19	31	28	177	300				
	MTH 05 XT 129	129	6,2 bars	79	161	33	61	54	271	500	206,3	58	2,0	
			5 bars	75	152	28	49	43	217	400				
			4 bars	71	144	24	40	35	177	300				
	MTH 05 XT 181	181	6,2 bars	57	115	46	86	76	271	500	206,3	58	2,0	
			5 bars	53	108	39	69	61	217	400				
			4 bars	50	102	34	56	50	177	300				
	MTH 05 XT 217	217	6,2 bars	47	96	55	103	91	271	500	206,3	58	2,0	
			5 bars	45	91	46	83	73	217	400				
			4 bars	42	85	40	67	59	177	300				
	MTH 05 XT 277	277	6,2 bars	37	75	70	131	115	271	500	206,3	58	2,0	
			5 bars	35	71	59	106	93	217	400				
			4 bars	33	67	51	86	76	177	300				
MTH 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)	
MTH 05 RV 085	85	6,2 bars	115	226	22	38	24	268	500	206,3	58	2,0		
		5 bars	108	216	19	30	19	214	400					
		4 bars	105	208	16	25	15	174	300					
MTH 05 RV 101	101	6,2 bars	96	188	27	46	28	268	500	206,3	58	2,0		
		5 bars	90	180	23	36	23	214	400					
		4 bars	87	173	19	30	18	174	300					
MTH 05 RV 129	129	6,2 bars	75	148	34	58	36	268	500	206,3	58	2,0		
		5 bars	71	141	29	46	29	214	400					
		4 bars	69	136	24	38	23	174	300					
MTH 05 RV 181	181	6,2 bars	53	105	48	82	51	268	500	206,3	58	2,0		
		5 bars	50	101	41	65	40	214	400					
		4 bars	49	97	34	53	33	174	300					
MTH 05 RV 217	217	6,2 bars	45	88	57	98	61	268	500	206,3	58	2,0		
		5 bars	42	84	49	78	48	214	400					
		4 bars	41	81	41	63	39	174	300					
MTH 05 RV 277	277	6,2 bars	35	69	73	125	77	268	500	206,3	58	2,0		
		5 bars	33	66	62	99	62	214	400					
		4 bars	32	64	52	81	50	174	300					

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

OPTIONS AVAILABLE FOR THIS MOTOR

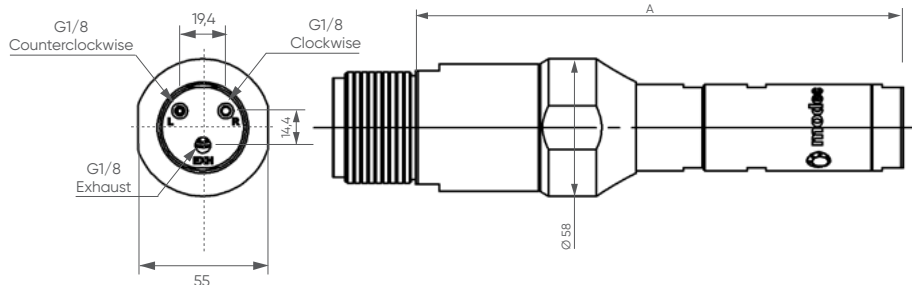
Collected exhaust*						
ATEX certification						
Lubrication free						
Kit start						
Code	01	07	09	10	21	22

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

+ List of available accessories for this motor page 27

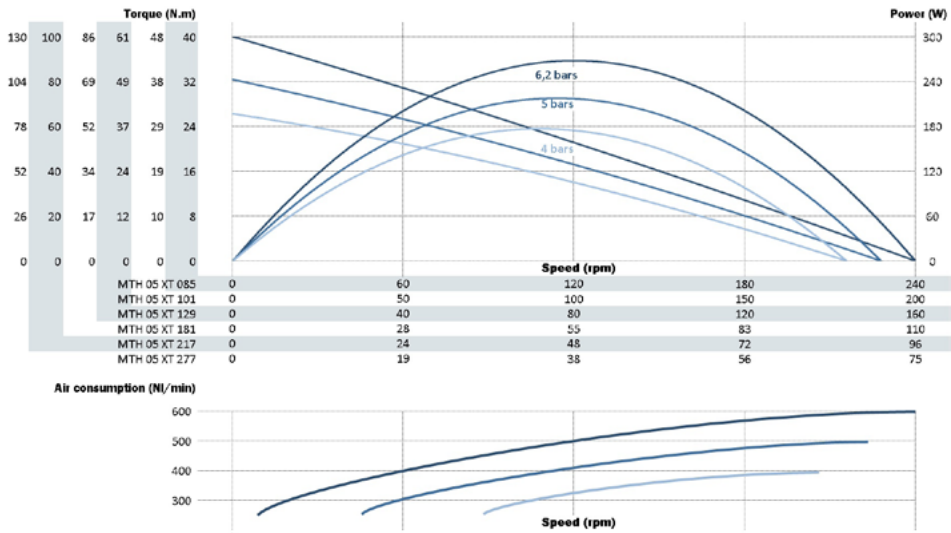
LAYOUT

MTH 05

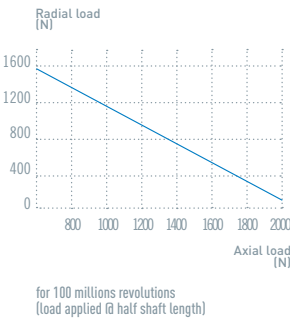


POWER, SPEED, TORQUE AND AIR CONSUMPTION GRAPHS

MTH 05 XT



MAXIMUM RADIAL & AXIAL LOAD



NOTES