

MOTOR

POWER

MRH 05

270 W

MRH 05



REDUCTION RATIO

(3 digits)
See table below

OPTIONS

(2 digits)
See table on right page

ROTATION*

RT Right (Clockwise)
LT Left (CCW)
RV Reversible

FLANGE

(1 to 2 digits)
Group VII page 169

OUTPUT SHAFT

(1 to 3 digits)
Group VII pages 170 to 171

M R H 0 5 X X X X X X X X X X X X

* 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

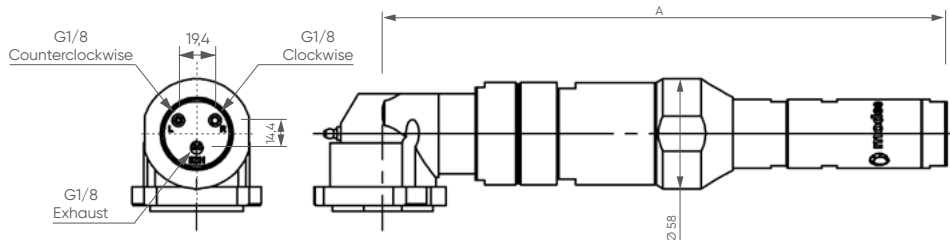
* Exhaust is always collected on "05" series air motors

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List of available accessories for this motor page 27

LAYOUT

MRH 05



PERFORMANCES

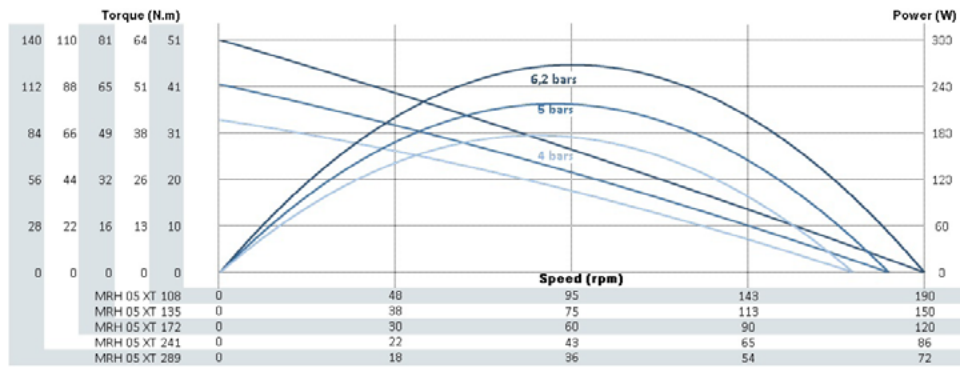
MRH 05 XT	Reduction ratio	Air supply pressure	Speed (rpm)		Torque (N.m)			Max Power (W)	Air cons (Nl/min)	Dimensions		
Air motor reference			@ max Power	Free	@ max Power	Max (stall)	Starting torque			A (mm)	Ø (mm)	Weight (kg)
MRH 05 XT 108	108	6,2 bars	95	193	27	51	45	271	500	271,3	58	2,6
		5 bars	90	183	23	41	36	217	400			
		4 bars	85	172	20	33	29	177	300			
MRH 05 XT 135	135	6,2 bars	76	154	34	64	56	271	500	295,3	58	2,9
		5 bars	72	146	29	52	45	217	400			
		4 bars	68	138	25	42	37	177	300			
MRH 05 XT 172	172	6,2 bars	60	121	43	81	72	271	500	295,3	58	2,9
		5 bars	56	114	37	66	58	217	400			
		4 bars	53	108	32	53	47	177	300			
MRH 05 XT 241	241	6,2 bars	42	86	61	114	100	271	500	295,3	58	2,9
		5 bars	40	82	52	92	81	217	400			
		4 bars	38	77	45	75	66	177	300			
MRH 05 XT 289	289	6,2 bars	35	72	73	137	120	271	500	295,3	58	2,9
		5 bars	34	68	62	111	97	217	400			
		4 bars	32	64	54	90	79	177	300			
MRH 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)
MRH 05 RV 108	108	6,2 bars	90	177	28	48	30	268	500	271,3	58	2,6
		5 bars	85	170	24	39	24	214	400			
		4 bars	82	163	20	31	19	174	300			
MRH 05 RV 135	135	6,2 bars	72	142	36	61	38	268	500	295,3	58	2,9
		5 bars	68	136	30	48	30	214	400			
		4 bars	66	130	25	39	24	174	300			
MRH 05 RV 172	172	6,2 bars	56	111	45	77	48	268	500	295,3	58	2,9
		5 bars	53	106	38	62	38	214	400			
		4 bars	52	102	32	50	31	174	300			
MRH 05 RV 241	241	6,2 bars	40	79	64	109	67	268	500	295,3	58	2,9
		5 bars	38	76	54	86	54	214	400			
		4 bars	37	73	45	70	44	174	300			
MRH 05 RV 289	289	6,2 bars	34	66	76	130	81	268	500	295,3	58	2,9
		5 bars	32	63	65	104	64	214	400			
		4 bars	31	61	54	84	52	174	300			

For connection and lubrication, see page 27

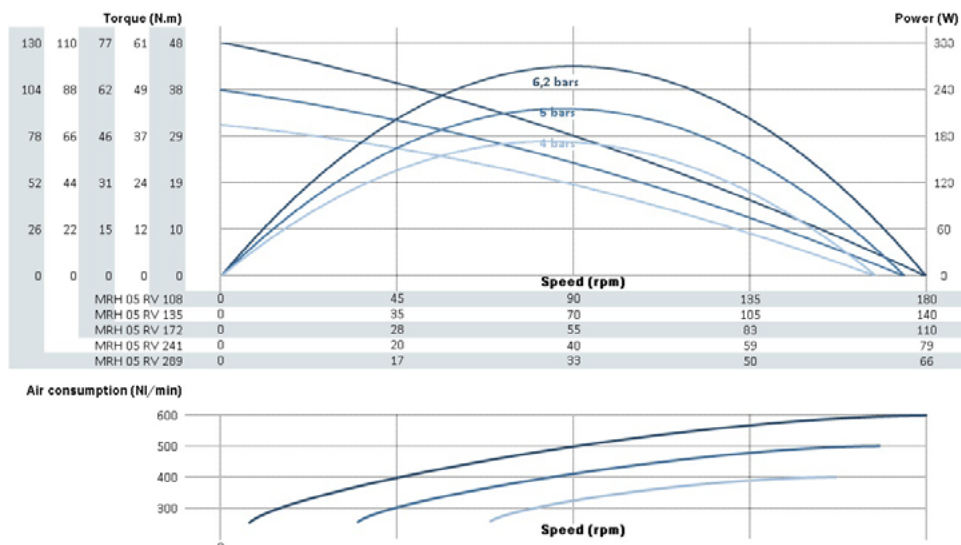
Data indicated in this table have an accuracy of +/- 5%

POWER, SPEED, TORQUE AND AIR CONSUMPTION GRAPHS

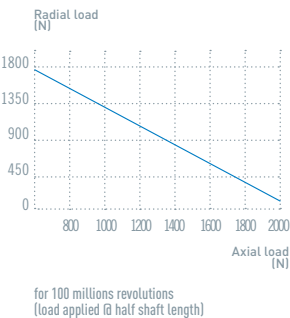
MRH 05 XT



MRH 05 RV



MAXIMUM RADIAL & AXIAL LOAD



NOTES