



MAX POWER
1300 W
MAX TORQUE
1000 Nm

Powerful and compact, "10" series air motors can develop more than 1200 W and weigh only 2kg for a 60 mm diameter and a total length that can be as short as 155 mm. This makes it one of the highest power-to-weight ratio air motor on the market.

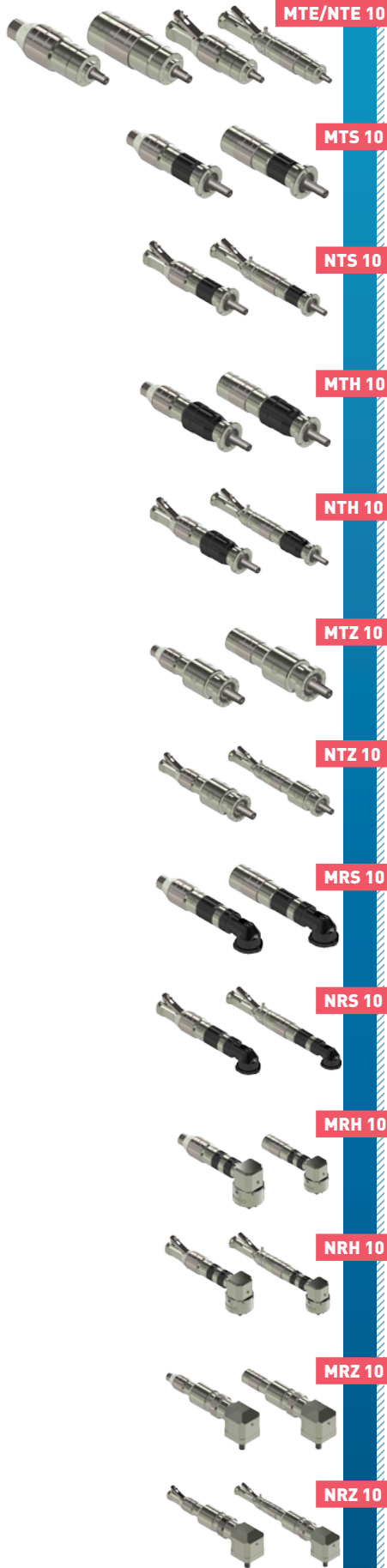
Available in 4 families (Easy, Standard, Heavy and Super heavy duty) with several types of gearboxes and right angle heads, it can develop up to 1000 Nm torque.

The wide variety of flanges and shafts allows the "10" range air motors to be easily fitted to any machine for a wide range of applications.

+	ACCESSORIES FOR THIS MOTOR	Reference
	Filtration, pressure Regulation and Lubrication unit (FRL)	AC107
	Safety Air Treatment Box (SAT Box)	AC118
	With Pedal remote control	AC119
	With handle remote control	AC120
	With remote emergency kill switch	AC125
	With remote E-Stop and pedal remote control	AC121
	With remote E-Stop and handle remote control	AC122
	Maintenance kits	
	Maintenance kit for "10 XT" series	AC303
	Maintenance kit for "10 RV" series	AC308
	Maintenance kit for lube free "10 XT" series	AC313
	Maintenance kit for lube free "10 RV" series	AC318
	Maintenance kit for kit start "10 XT" series	AC323
	Maintenance kit for kit start "10 RV" series	AC328
	Exhaust collector kit for "10" series	AC340
	modec Oil Co-16	AC149
	Control handles	
	Safety control handle for non reversible "10" series	AC406
	Safety control handle for reversible "10" series	AC404
	Progressive control handle for non reversible "10" series	AC400
	Progressive control handle for reversible "10" series	AC408
	Filters and silencers	
	Metallic standard silencer	AC182
	Metallic standard inlet silencer (RV)	AC181
	Plastic standard silencer	AC152
	Plastic standard inlet silencer (RV)	AC183
	Heavy duty silencer	AC156
	Heavy duty inlet silencer (RV)	AC155
	High flow air muffler	AC158
	Exhaust silencer filter	AC165
	Speed control muffler	AC174

CONNECTION AND LUBRICATION				
	Min. fittings Ø		Min. pipe Ø	
	In	Out	In	Out
	10 mm / 0,4 In	16 mm / 0,6 In	13 mm / 0,5 In	20 mm / 0,8 In
	6 drops / minute			

CONVERSION TABLE		
Watt ➔ Horse power	Newton meter ➔ Pound feet	Millimeter ➔ Inch
Watt x 0.001341 = hp	Nm x 0,7376 = lb.ft	mm x 0,03937 = in
Bar ➔ Pound per square Inch	Normo Liter / minute ➔ Standard cubic feet per minute	Kilogram ➔ Pound
Bar x 14,5 = psi	NL / min x 0,03531 = scfm	Kg x 2,205 = lb



(3 digits)
See table

(2 digits)
See table

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

(1 to 2 digits)

(1 to 3 digits)

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

MRH 10 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 10 XT 102	102	6,2 bars	72	145	129	191	157	978	1600	258	69	5,1
		5 bars	68	136	107	158	130	765	1200			
		4 bars	64	129	81	127	104	544	1000			
MRH 10 XT 170	170	6,2 bars	44	87	214	317	260	978	1600	282	69	5,4
		5 bars	41	82	178	262	215	765	1200			
		4 bars	39	78	133	210	172	544	1000			
MRH 10 XT 195	195	6,2 bars	38	76	246	365	299	978	1600	282	69	5,4
		5 bars	36	71	205	301	247	765	1200			
		4 bars	34	68	154	241	198	544	1000			
MRH 10 XT 234	234	6,2 bars	32	63	295	437	358	978	1600	282	69	5,4
		5 bars	30	60	245	361	296	765	1200			
		4 bars	28	56	184	289	237	544	1000			
MRH 10 XT 269	269	6,2 bars	28	55	339	503	412	978	1600	282	69	5,4
		5 bars	26	52	282	415	341	765	1200			
		4 bars	25	49	212	333	273	544	1000			
MRH 10 XT 322	322	6,2 bars	23	46	406	603	494	978	1600	282	69	5,4
		5 bars	22	43	338	498	408	765	1200			
		4 bars	20	41	254	399	327	544	1000			
MRH 10 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 10 RV 102	102	6,2 bars	79	158	142	179	157	1143	1600	248,5	69	5,2
		5 bars	74	149	112	144	126	870	1300			
		4 bars	69	138	86	110	97	635	1000			
MRH 10 RV 170	170	6,2 bars	48	95	235	296	261	1172	1600	272,5	69	5,5
		5 bars	45	90	185	238	209	870	1300			
		4 bars	42	84	142	183	161	624	1000			
MRH 10 RV 195	195	6,2 bars	41	83	271	341	300	1172	1600	272,5	69	5,5
		5 bars	39	78	213	274	241	870	1300			
		4 bars	36	73	164	210	185	624	1000			
MRH 10 RV 234	234	6,2 bars	35	69	324	408	359	1172	1600	272,5	69	5,5
		5 bars	33	65	255	328	288	870	1300			
		4 bars	30	61	196	252	222	624	1000			
MRH 10 RV 269	269	6,2 bars	30	60	373	470	414	1172	1600	272,5	69	5,5
		5 bars	28	57	294	377	332	870	1300			
		4 bars	26	53	226	290	255	624	1000			
MRH 10 RV 322	322	6,2 bars	25	50	447	563	496	1172	1600	272,5	69	5,5
		5 bars	24	47	352	452	398	870	1300			
		4 bars	22	44	271	347	306	624	1000			

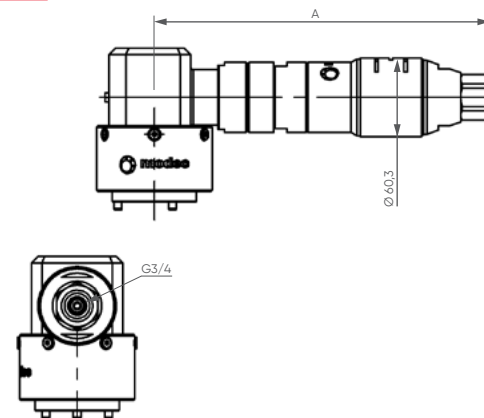
Data indicated in this table have an accuracy of +/- 5%

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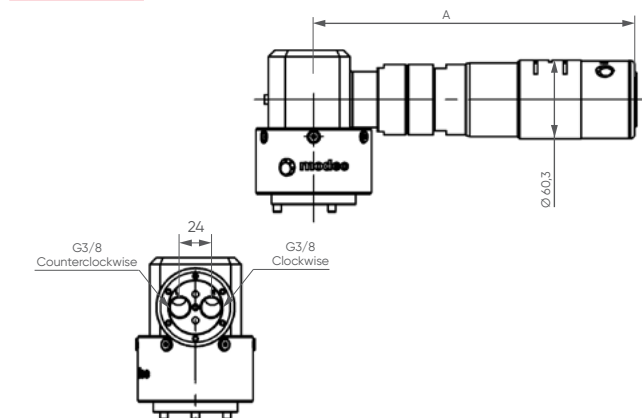
* Reversible motors only

** Non reversible motors only

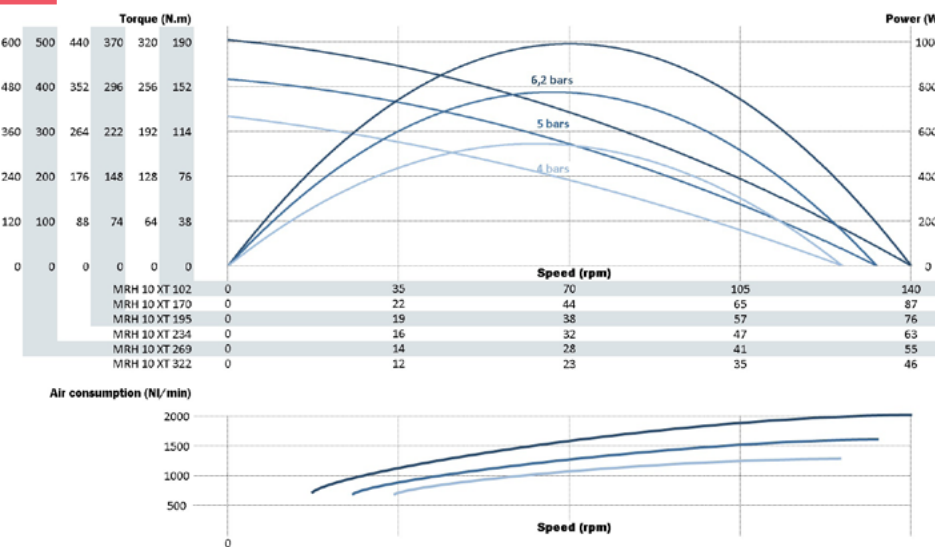
MRH 10 XT



MRH 10 RV



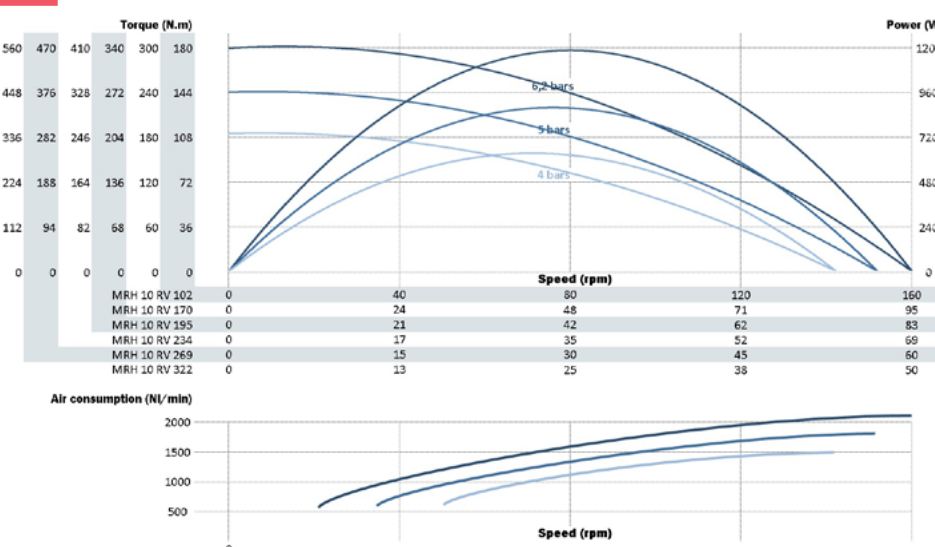
MRH 10 XT



for 100 millions revolutions
(load applied @ half shaft length)

NOTES

MRH 10 RV



FLANGES

GROUP VIII

XRZ 05

XRZ 07

XRH 08

XRH 10

XRH 20

XRH 25

GROUP VIII FLANGE AA

GROUP VIII FLANGE AB

GROUP VIII FLANGE AC

GROUP VIII FLANGE AD

GROUP VIII FLANGE AE

GROUP VIII FLANGE Q

You didn't find your match ?

Contact us !

SHAFTS

GROUP VIII

XRZ 05

XRZ 07

XRH 08

XRH 10

XRH 20

XRH 25

GROUP VIII SHAFT 001 - KEYED Ø1"

GROUP VIII SHAFT 002 - KEYED Ø3/4"

GROUP VIII SHAFT 003 - KEYED Ø25

GROUP VIII SHAFT 004 - SQUARE 3/4"

GROUP VIII SHAFT 005 - SQUARE 1/2" LONG

GROUP VIII SHAFT CA1 - SQUARE 1/2" SHORT

GROUP VIII SHAFT CNW - SPLINED

You didn't find your match ?

Contact us !