

MAX POWER
480 W
MAX TORQUE
640 Nm

"07" series air motors are **much appreciated in pharmacy, chemistry and food processing industries**. Sealed and **made of stainless steel**, they are **waterproof, resistant to corrosive products** and their exhaust is collected so that there is **no risk of pollution**.

Like any of our air motors, "07" series air motors **can be used without lubrication** on demand in order to reduce even more any risk of oil exhaust.

Although they have a minimal size and weight, they **can develop up to 480W**.

+ ACCESSORIES FOR THIS MOTOR		Reference
Filtration, pressure Regulation and Lubrication unit (FRL)		AC106
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 "07" series		AC301
Maintenance kit for lube free "07" series		AC311
Maintenance kit for kit start "07" series		AC321
modec Oil Co-16		AC149
Filters and silencers		
Metallic standard exhaust silencer		AC168
Metallic standard inlet silencer		AC180
Plastic standard exhaust silencer		AC166
Plastic standard inlet silencer		AC150
Heavy duty exhaust silencer		AC167
Heavy duty inlet silencer		AC154
Speed control muffler		AC171
High flow air muffler		AC158
Exhaust silencer filter		AC165

CONNECTION AND LUBRICATION					
	Min. fittings Ø		Min. pipe Ø		Lubrification (6,2 bars)
	In	Out	In	Out	
	5 mm / 0,2 In	7 mm / 0,3 In	6 mm / 0,2 In	9 mm / 0,4 In	3 drops / minute

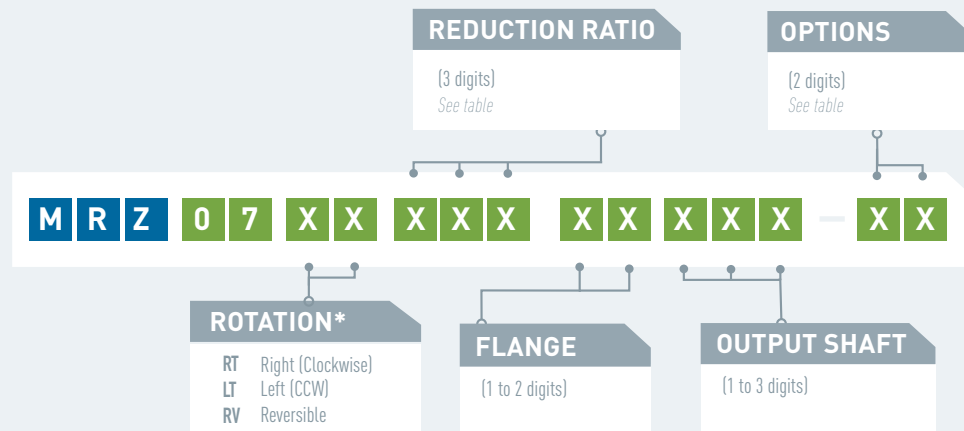
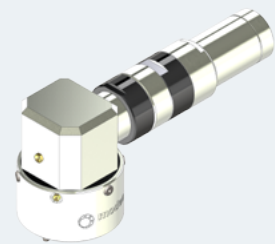
CONVERSION TABLE		
Watt ➤ Horse power	Newton meter ➤ Pound feet	Millimeter ➤ Inch
Watt x 0.001341 = hp	Nm x 0,7376 = lb.ft	mm x 0,03937 = in
Bar ➤ Pound per square Inch	Normo Liter / minute ➤ Standard cubic feet per minute	Kilogram ➤ Pound
Bar x 14,5 = psi	NL / min x 0,03531 = scfm	Kg x 2,205 = lb



MOTOR MRZ 07

POWER 360-440 W

MRZ 07



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

PERFORMANCES

MRZ 07 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)
MRZ 07 XT 225	225	6,2 bars	34	69	122	192	169	441	700	266,5	54	4,9
		5 bars	31	62	104	160	141	338	600			
		4 bars	28	56	89	129	114	258	500			
MRZ 07 XT 269	269	6,2 bars	29	58	146	230	202	441	700	266,5	54	4,9
		5 bars	26	52	124	192	169	338	600			
		4 bars	23	46	106	155	136	258	500			
MRZ 07 XT 322	322	6,2 bars	24	48	175	275	242	441	700	266,5	54	4,9
		5 bars	22	43	149	230	202	338	600			
		4 bars	19	39	127	185	163	258	500			
MRZ 07 XT 411	411	6,2 bars	19	38	223	350	308	441	700	266,5	54	4,9
		5 bars	17	34	190	293	258	338	600			
		4 bars	15	30	162	236	208	258	500			
MRZ 07 XT 524	524	6,2 bars	15	30	285	447	393	441	700	266,5	54	4,9
		5 bars	13	27	242	374	329	338	600			
		4 bars	12	24	207	301	265	258	500			
MRZ 07 XT 589	589	6,2 bars	13	26	320	502	442	441	700	266,5	54	4,9
		5 bars	12	24	272	420	370	338	600			
		4 bars	11	21	232	338	298	258	500			
MRZ 07 XT 750	750	6,2 bars	10	21	408	640	563	441	700	266,5	54	4,9
		5 bars	9,3	19	347	536	471	338	600			
		4 bars	8,3	17	296	431	380	258	500			

MRZ 07 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)
MRZ 07 RV 225	225	6,2 bars	29	59	116	169	148	356	700	266,5	54	4,9
		5 bars	27	53	98	139	122	271	600			
		4 bars	24	47	82	112	98	202	500			
MRZ 07 RV 269	269	6,2 bars	24	49	139	202	178	356	700	266,5	54	4,9
		5 bars	22	44	117	166	146	271	600			
		4 bars	20	39	98	134	118	202	500			
MRZ 07 RV 322	322	6,2 bars	20	41	167	242	213	356	700	266,5	54	4,9
		5 bars	18	37	140	199	175	271	600			
		4 bars	16	33	117	161	141	202	500			
MRZ 07 RV 411	411	6,2 bars	16	32	212	309	272	356	700	266,5	54	4,9
		5 bars	14	29	179	254	224	271	600			
		4 bars	13	26	149	205	180	202	500			
MRZ 07 RV 524	524	6,2 bars	13	25	271	393	346	356	700	266,5	54	4,9
		5 bars	11	23	228	324	285	271	600			
		4 bars	10	20	191	261	230	202	500			
MRZ 07 RV 589	589	6,2 bars	11	22	304	442	389	356	700	266,5	54	4,9
		5 bars	10	20	256	364	320	271	600			
		4 bars	9,0	18	214	293	258	202	500			
MRZ 07 RV 750	750	6,2 bars	8,8	18	388	564	496	356	700	266,5	54	4,9
		5 bars	7,9	16	326	464	409	271	600			
		4 bars	7,1	14	273	374	329	202	500			

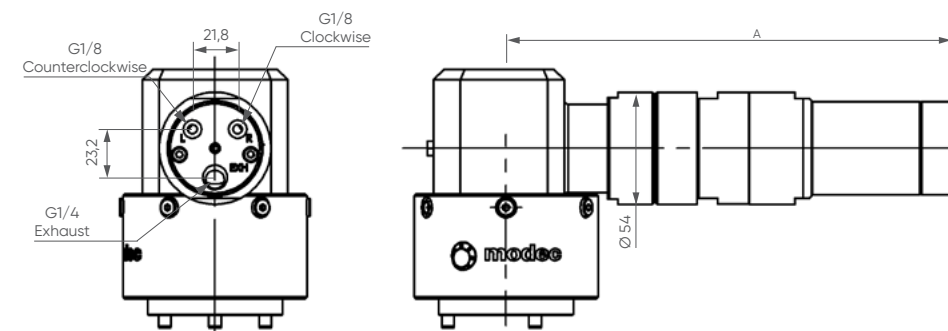
Data indicated in this table have an accuracy of +/- 5%

OPTIONS AVAILABLE FOR THIS MOTOR

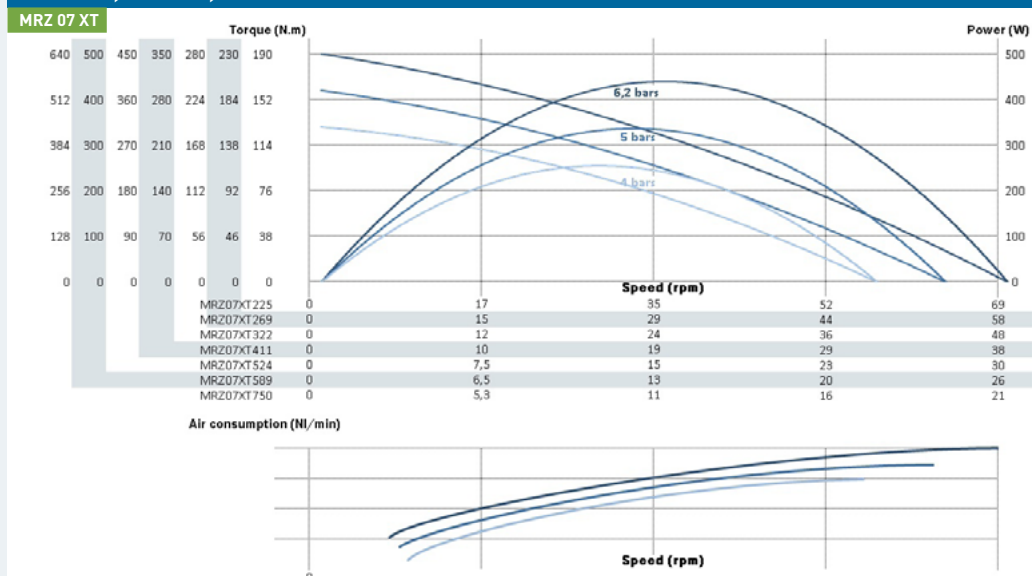
Collected exhaust	01	07	09	10	21	22
ATEX certification						
Lubrication free						
Kit start						
Code	01	07	09	10	21	22

LAYOUT

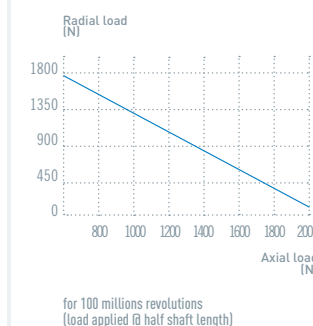
MRZ 07



POWER, SPEED, TORQUE AND AIR CONSUMPTION GRAPHS



MAXIMUM RADIAL & AXIAL LOAD



NOTES

Notes section for additional information.

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 !