



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		Lubrication (6,2 bars)
	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



MOTOR MRZ 10

POWER 1050-1200 W



PERFORMANCES

MRZ 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)
MRZ 10 XT 338	338	6,2 bars 5 bars 4 bars	22 21 20	44 42 39	451 369 279	677 560 448	555 459 367	1046 802 577	1600 1200 1000	393,8	88,8	11,5	
MRZ 10 XT 399	399	6,2 bars 5 bars 4 bars	19 18 17	38 35 33	532 436 330	799 661 529	655 542 433	1046 802 577	1600 1200 1000	393,8	88,8	11,5	
MRZ 10 XT 516	516	6,2 bars 5 bars 4 bars	15 14 13	29 27 26	689 563 426	1033 855 684	847 701 561	1046 802 577	1600 1200 1000	393,8	88,8	11,5	



MRZ 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)
MRZ 10 RV 338	338	6,2 bars 5 bars 4 bars	24 23 21	48 45 42	492 388 298	632 507 390	556 446 343	1213 923 674	1600 1300 1000	384,3	88,8	10,7	
MRZ 10 RV 399	399	6,2 bars 5 bars 4 bars	20 19 18	41 39 36	581 457 352	746 599 460	657 527 405	1243 923 662	1600 1300 1000	384,3	88,8	10,7	
MRZ 10 RV 516	516	6,2 bars 5 bars 4 bars	16 15 14	32 30 28	751 592 456	966 775 596	850 682 524	1243 923 662	1600 1300 1000	384,3	88,8	10,7	

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

REDUCTION RATIO

[3 digits]
See table

OPTIONS

[2 digits]
See table

ROTATION*

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

FLANGE

(1 to 2 digits)

OUTPUT SHAFT

(1 to 3 digits)

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

OPTIONS AVAILABLE FOR THIS MOTOR

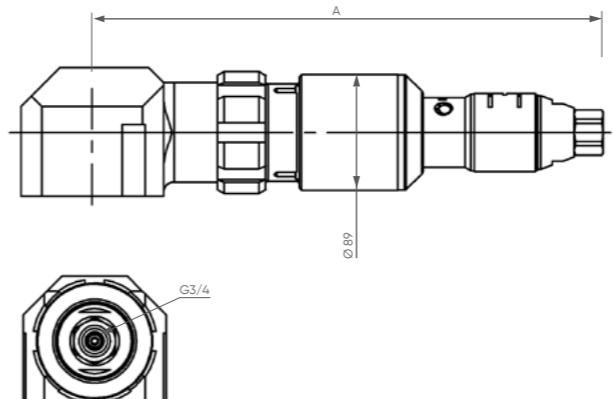
Collected exhaust	00	01	02	03	04	05	06	07	09	10	12	13	14	15	16	17	18	19	21	22	29	30	31	32	
ATEX certification																									
Left/Right switch*																									
Lubrication free																									
Kit start																									
Speed control**																									

* Reversible motors only

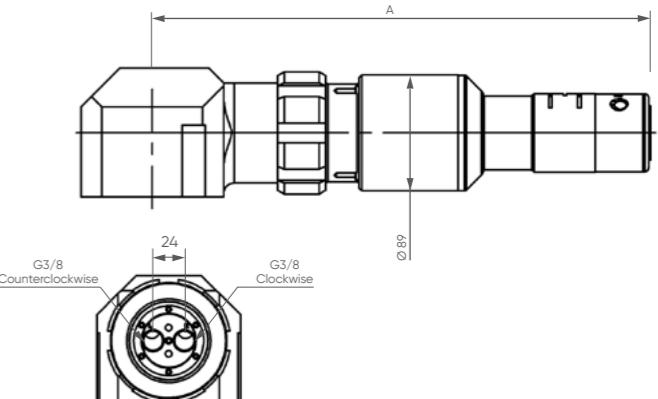
** Non reversible motors only

LAYOUT

MRZ 10 XT

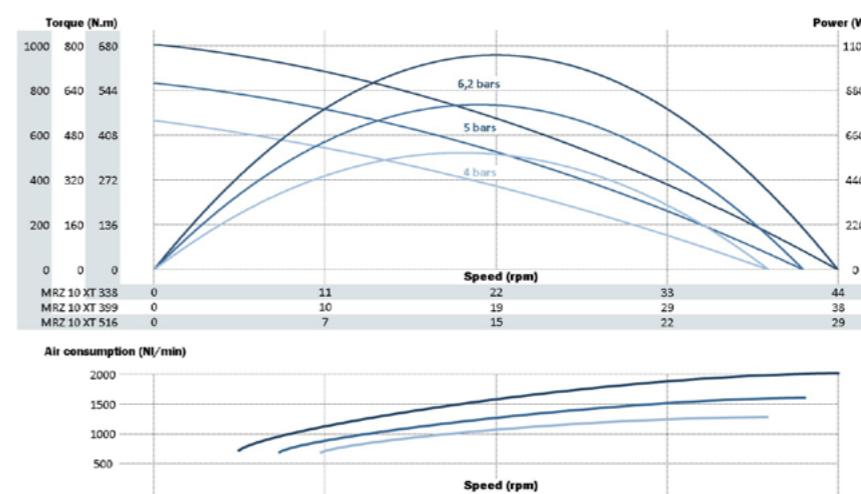


MRZ 10 RV

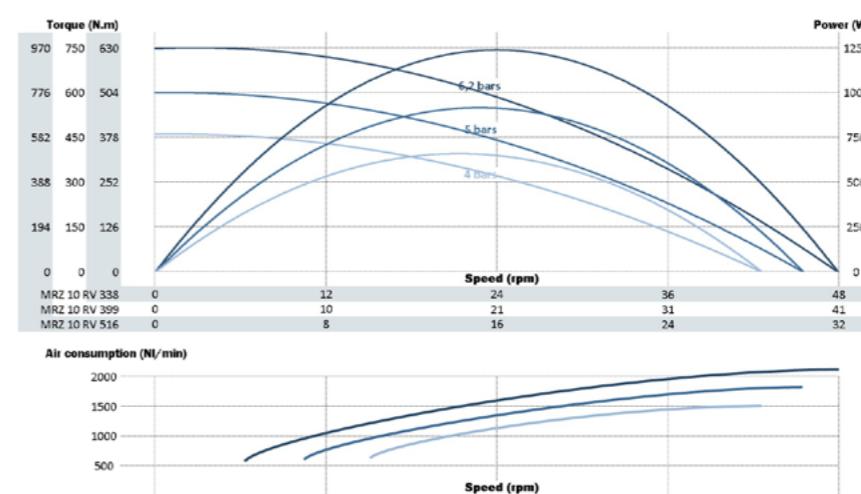


POWER, SPEED, TORQUE AND AIR CONSUMPTION GRAPHS

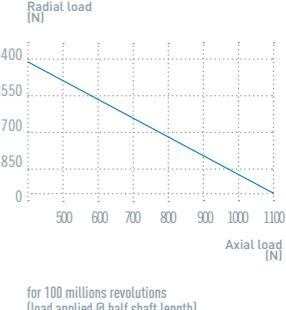
MRZ 10 XT



MRZ 10 RV



MAXIMUM RADIAL & AXIAL LOAD

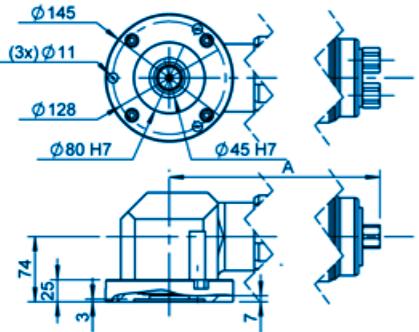
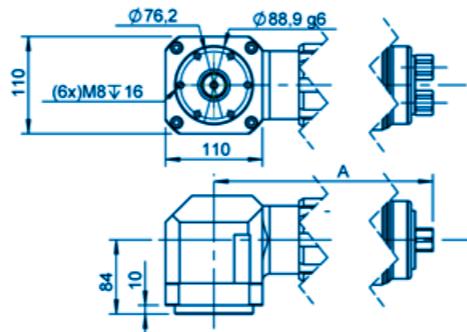
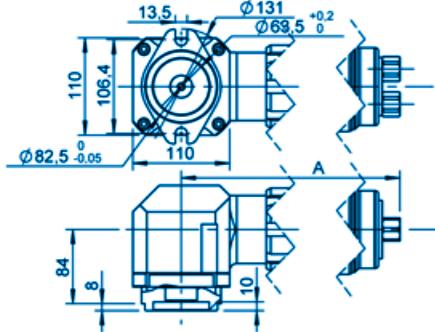
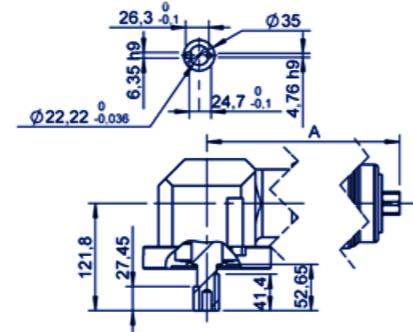
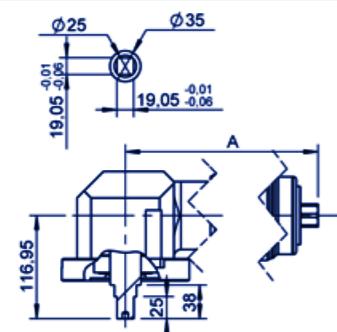
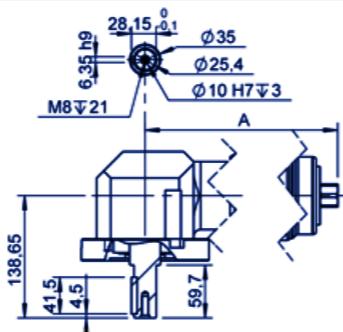
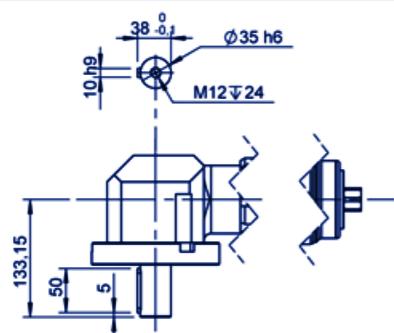
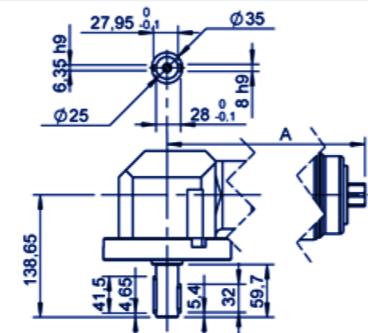


NOTES

FLANGES & SHAFTS

GROUP IX

XRZ 08 | XRZ 10 | XRZ 20 | XRZ 25 | XRS 30

GROUP IX FLANGE A**GROUP IX FLANGE B****GROUP IX FLANGE H****GROUP IX SHAFT 001 - KEYED Ø7/8"****GROUP IX SHAFT 003 - KEYED Ø3/4"****GROUP IX SHAFT CL2 - KEYED Ø1"****GROUP IX SHAFT CL3 - KEYED Ø35****GROUP IX SHAFT CL4 - KEYED Ø25**

You didn't find
your match ?

Contact us !