



MAX POWER
3200 W
MAX TORQUE
840 Nm

Modec air motors « 30 » series has long proven itself in the most demanding **applications in terms of torque, power and robustness**. With a power of more than 3 kW and an exceptionally robust design, it is no surprise that these air motors can be found in the most demanding environments (ATEX, extreme temperatures, off-shore, marine) and on the most difficult applications (machining, conveying, drilling...).

They are of course available, like the other modec air motors, with or without right angle drive shaft and with or without handle.

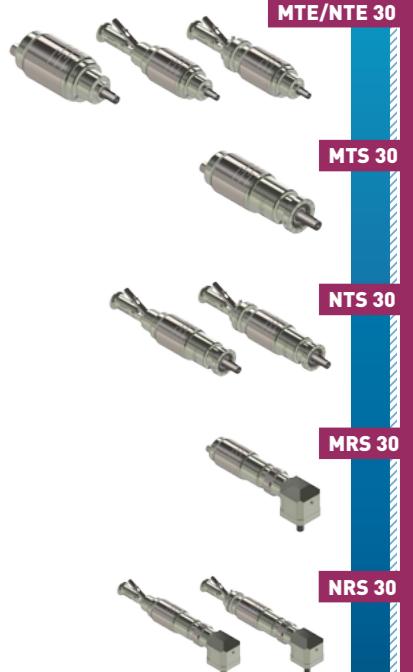
+ ACCESSORIES FOR THIS MOTOR		Reference
Filtration, pressure Regulation and Lubrication unit (FRL)		AC108
Safety Air Treatment Box (SAT Box)		AC126
With Pedal remote control		AC127
With handle remote control		AC128
With remote emergency kill switch		AC129
With remote E-Stop and pedal remote control		AC130
With remote E-Stop and handle remote control		AC131
Maintenance kits		
Maintenance kit for "30" series		AC306
Maintenance kit for lube free "30" series		AC316
Maintenance kit for kit start "30" series		AC326
Exhaust collector kit for "30" series		AC343
modec Oil Co-16		AC149
Control handles		
Safety control handle for non reversible "30" series		AC412
Safety control handle for reversible "30" series		AC414
Progressive control handle for non reversible "30" series		AC407
Progressive control handle for reversible "30" series		AC410
Filters et silencers		
Metallic standard exhaust silencer		AC182
Metallic standard inlet silencer		AC164
Plastic standard exhaust silencer		AC153
Plastic standard inlet silencer		AC184
Heavy duty exhaust silencer		AC157
Heavy duty inlet silencer		AC155
High flow air muffler		AC160
Exhaust silencer filter		AC185
Speed control muffler		AC174

CONNECTION ET LUBRIFICATION

	Min. fittings Ø		Min. pipe Ø		Lubrification (6,2 bars)
	In	Out	In	Out	
	14 mm / 0,6 in	16 mm / 0,6 in	16 mm / 0,6 in	20 mm / 0,8 in	11 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



MOTORS MTE 30 / NTE 30

POWER 2500-3200 W

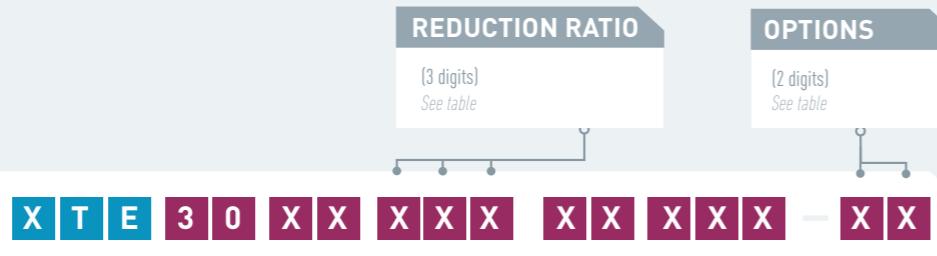


REDUCTION RATIO

[3 digits]
See table

OPTIONS

[2 digits]
See table



ROTATION*

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

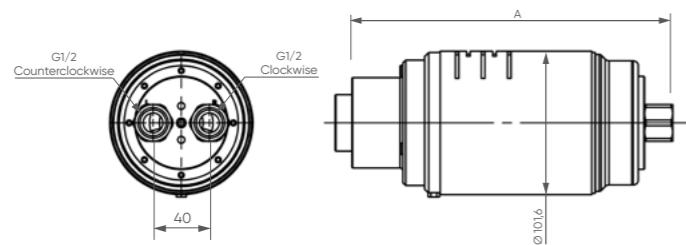
* rotation direction is defined when looking from the back of the motor

MAXIMUM RADIAL & AXIAL LOAD

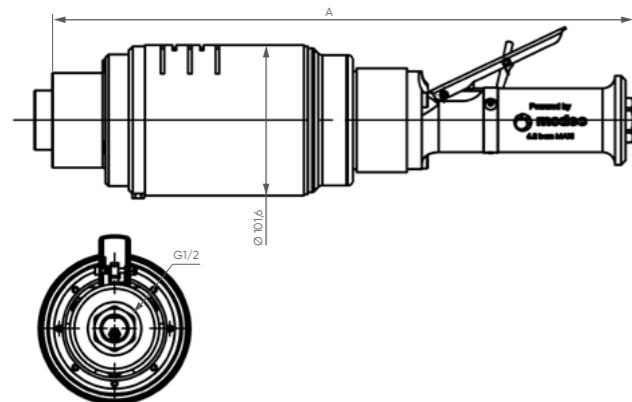


LAYOUT

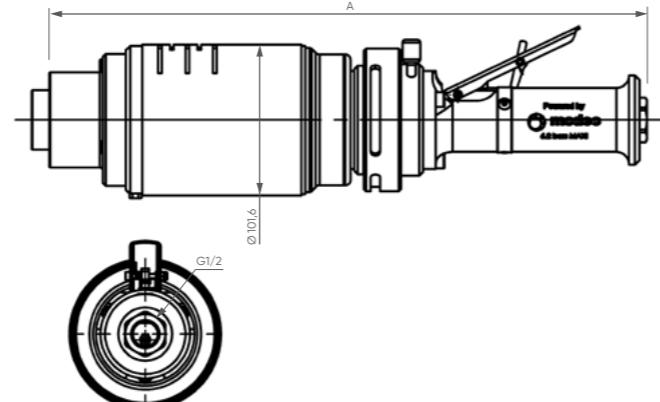
MTE 30



NTE 30 XT



NTE 30 RV



PERFORMANCES

MTE / NTE 30	Air motor reference	Reduction ratio	Air supply pressure	Speed [rpm]		Torque [N.m]			Max Power (W)	Air cons [Nl/min]	Dimensions		
				@ max Power	Free	@ max Power	Max (stall)	Starting torque			A (mm)	Ø (mm)	Weight (kg)
MTE 30 XT 001	001	6,2 bars	5000	10000	6,1	12	10	3200	3100	227,6	101,6	5,1	
			4500	9000	5,1	9,6	8,5	2400	2500				
			4100	8200	4,3	7,8	6,9	1850	2000				
MTE 30 RV 001	001	6,2 bars	3900	7800	6,1	11	7,9	2500	3000	227,6	101,6	5,3	
			3600	7200	5,3	8,9	6,7	2000	2400				
			3200	6400	4,3	7,4	5,5	1500	1900				
NTE 30 XT 001	001	6,2 bars	5000	10000	6,1	12	10	3200	3100	392,1	101,6	5,7	
			4500	9000	5,1	9,6	8,5	2400	2500				
			4100	8200	4,3	7,8	6,9	1850	2000				
NTE 30 RV 001	001	6,2 bars	3900	7800	6,1	11	7,9	2500	3000	403,1	101,6	6,6	
			3600	7200	5,3	8,9	6,7	2000	2400				
			3200	6400	4,3	7,4	5,5	1500	1900				

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

* Reversible motors only

OPTIONS AVAILABLE FOR THE MTE 30

Collected exhaust	00	01	02	03	04	05	07	09	10	11	12	13	14	16	17	21	22	23	27	28	29	30	36	37
ATEX certification																								
Left/Right switch*																								
Lubrication free																								
Kit start																								
Inox																								
Code	00	01	02	03	04	05	07	09	10	11	12	13	14	16	17	21	22	23	27	28	29	30	36	37

OPTIONS AVAILABLE FOR THE NTE 30 XT

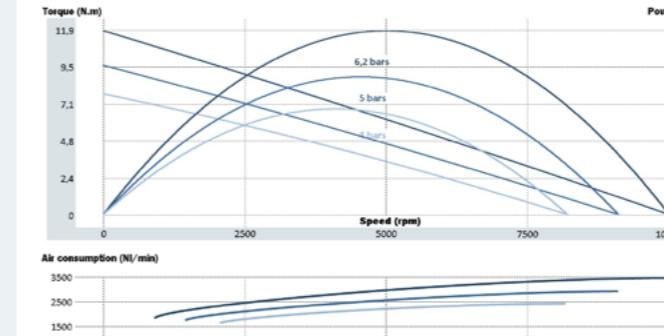
Collected exhaust	00	01	02	04	05	07	09	10	13	14	21	22
ATEX certification												
Lubrication free												
Kit start												
Code	00	01	02	04	05	07	09	10	13	14	21	22

OPTIONS AVAILABLE FOR THE NTE 30 RV

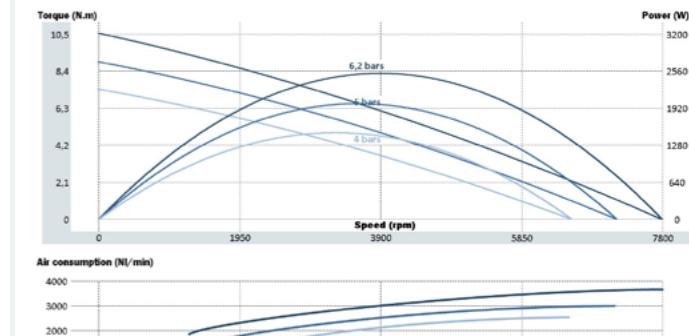
ATEX certification	03	12	16	17	29	30
Left/Right switch						
Lubrication free						
Kit start						
Code	03	12	16	17	29	30

POWER, SPEED, TORQUE AND AIR CONSUMPTION GRAPHS

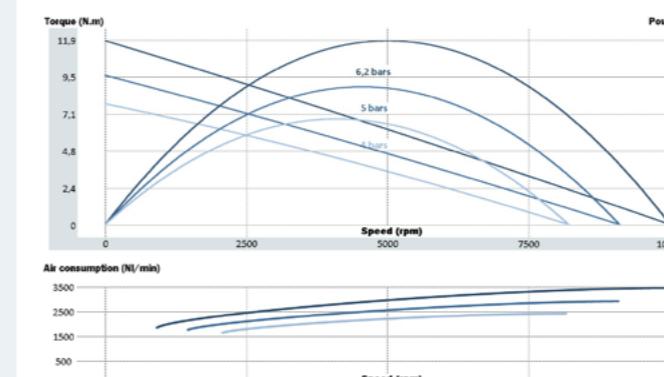
MTE 30 XT



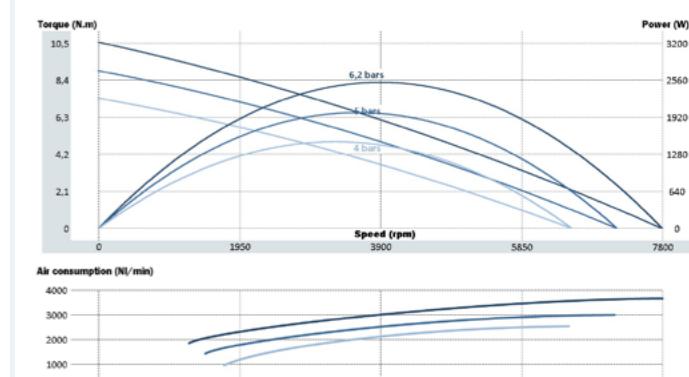
MTE 30 RV



NTE 30 XT

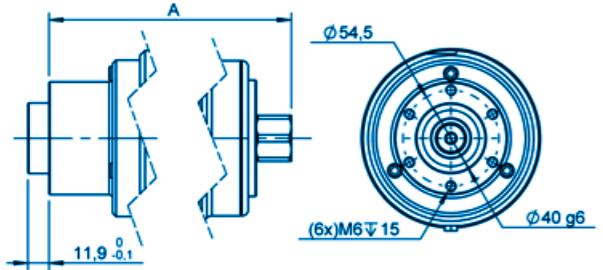
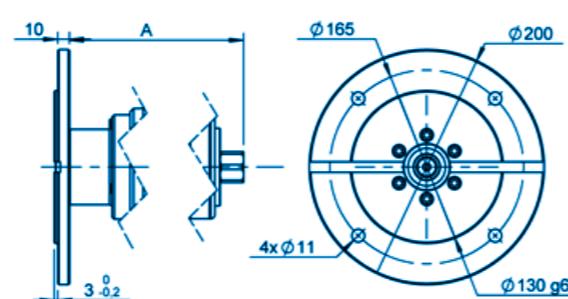
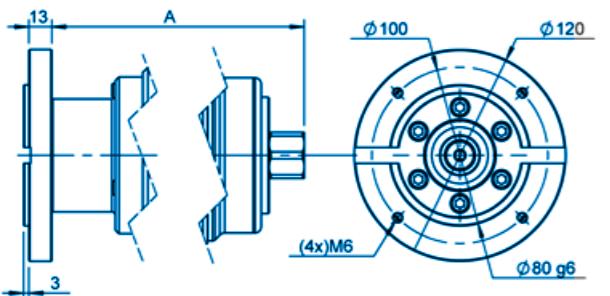
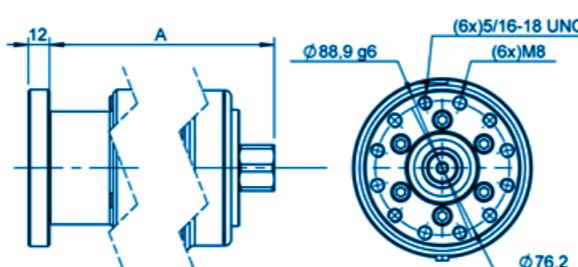
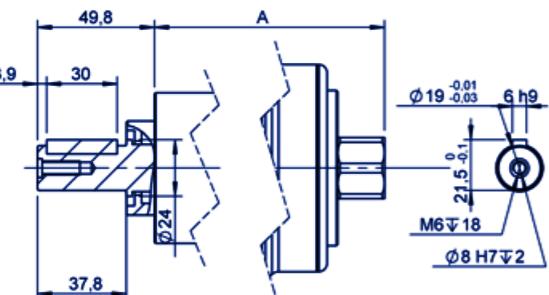
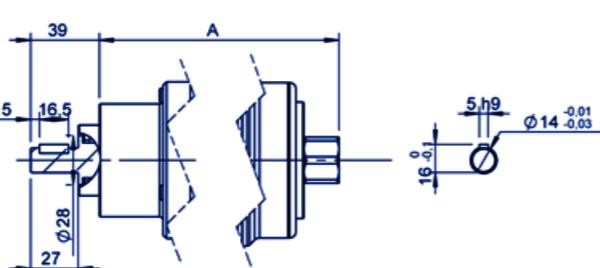
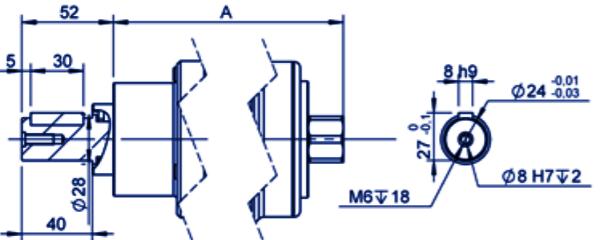


NTE 30 RV



FLANGES & SHAFTS **GROUP V**

XTE 30

GROUP V FLANGE AA**GROUP V FLANGE AB - IEC 80B5 - IEC 90B5****GROUP V FLANGE AC - IEC 80B14****GROUP V FLANGE B****GROUP V SHAFT 001 - KEYED Ø19 - IEC 80B14 - IEC 80B5****GROUP V SHAFT 002 - KEYED Ø14****GROUP V SHAFT CL6 - KEYED Ø24 - IEC 90B5**You didn't find
your match ?

Contact us !