



"08" series air motors **exist in many versions**, straight shaft or right angle drive, with or without integrated control handle, and with many different flanges and output shafts available as standard.

That air motor is also **available with 4 types of integrated gearboxes**, enabling it to adapt to many different **applications**, whether high speed is required (Easy duty), good balance between speed and torque (Standard duty) or high torque and robustness is mandatory (Heavy duty and Super Heavy duty).

With a maximum power of 700 W, it is one of the most **versatile air motors in the range**.

+ 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 "08" series	AC302
Maintenance kit for lube free "08" series	AC312
Maintenance kit for kit start "08" series	AC322
Control handles	
Safety control handle for non reversible motor	AC415
Safety control handle for reversible motor	AC416
Progressive control handle for non reversible motor	AC417
Progressive control handle for reversible motor	AC418
modec Oil Co-16	AC149
Filters and silencers	
Metallic standard exhaust silencer	AC181
Metallic standard inlet silencer	AC180
Plastic standard exhaust silencer	AC183
Plastic standard inlet silencer	AC150
Heavy duty exhaust silencer	AC155
Heavy duty inlet silencer	AC154
Speed control muffler	AC172
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	
	7 mm / 0,3 in	10 mm / 0,4 in	9 mm / 0,4 in	13 mm / 0,5 in	4 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 MTE/NTE 08

POWER 460-700 W



PERFORMANCES

MTE/NTE 08	Reduction ratio	Air supply pressure	Speed (rpm)		Torque (N.m)			Max Power (W)	Air cons (NI/min)	Dimensions		
			@ max Power	Free	@ max Power	Max (stall)	Starting torque			A (mm)	Ø (mm)	Weight (kg)
MTE 08 XT 001	001	6,2 bars	9200	18400	0,72	1,2	1,1	700	1000	135	54	1,1
		5 bars	8300	16600	0,61	1,0	0,88	530	850			
		4 bars	7500	15000	0,50	0,77	0,68	390	650			
MTE 08 RV 001	001	6,2 bars	9200	18300	0,74	1,1	0,82	700	950	135	54	1,1
		5 bars	8400	16800	0,62	1,0	0,72	540	750			
		4 bars	7600	15300	0,49	0,80	0,61	390	600			
NTE 08 XT 001	001	6,2 bars	8000	16000	0,57	1,1	0,96	480	900	174,1	54	1,4
		5 bars	7200	14400	0,48	0,88	0,77	360	750			
		4 bars	6500	13000	0,40	0,68	0,60	270	600			
NTE 08 RV 001	001	6,2 bars	7600	15200	0,58	0,92	0,81	460	950	317,1	57	1,9
		5 bars	6700	13400	0,49	0,79	0,70	340	750			
		4 bars	6000	12000	0,40	0,67	0,59	250	600			

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

OPTIONS AVAILABLE FOR THE MTE 08

Collected exhaust	■	■	■	■	■	■	■	■	■	■	■	■
ATEX certification	■	■	■	■	■	■	■	■	■	■	■	■
Left/Right switch*	■	■	■	■	■	■	■	■	■	■	■	■
Lubrication free	■	■	■	■	■	■	■	■	■	■	■	■
Kit start	■	■	■	■	■	■	■	■	■	■	■	■
Stainless steel	■	■	■	■	■	■	■	■	■	■	■	■
Code	01	03	07	09	10	11	12	16	17	21	22	23
	27	28	29	30	36	37						

OPTIONS DISPONIBLES POUR LE NTE 08 XT

Collected exhaust	■	■	■	■	■	■	■	■	■	■	■	■	
ATEX certification	■	■	■	■	■	■	■	■	■	■	■	■	
Left/Right switch*	■	■	■	■	■	■	■	■	■	■	■	■	
Lubrication free	■	■	■	■	■	■	■	■	■	■	■	■	
Kit start	■	■	■	■	■	■	■	■	■	■	■	■	
Code	01	07	09	10	21	22	Code	03	12	16	17	29	30

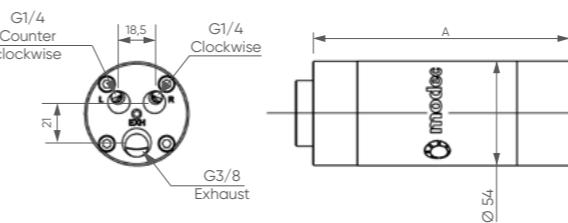
OPTIONS DISPONIBLES POUR LE NTE 08 RV

ATEX	■	■	■	■	■	■	■	■	■	■	■	■	
Left/Right switch*	■	■	■	■	■	■	■	■	■	■	■	■	
Lubrication free	■	■	■	■	■	■	■	■	■	■	■	■	
Kit start	■	■	■	■	■	■	■	■	■	■	■	■	
Code	01	07	09	10	21	22	Code	03	12	16	17	29	30

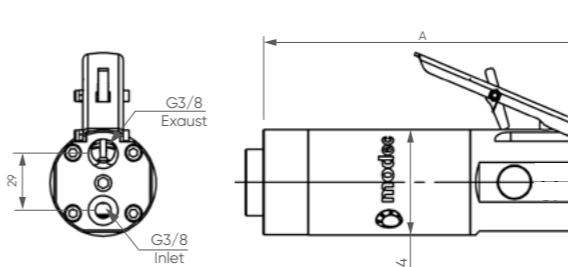
* Reversible motors only

LAYOUT

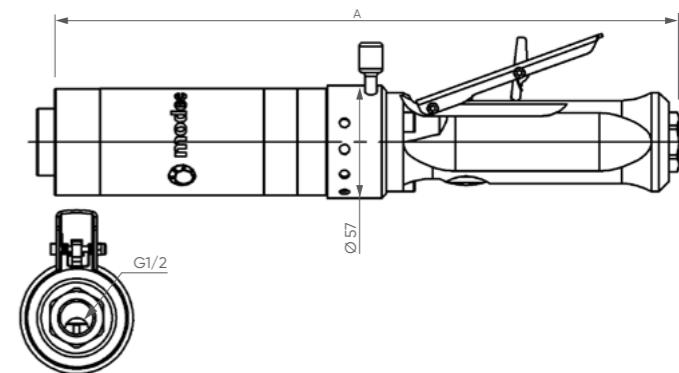
MTE 08



NTE 08 XT

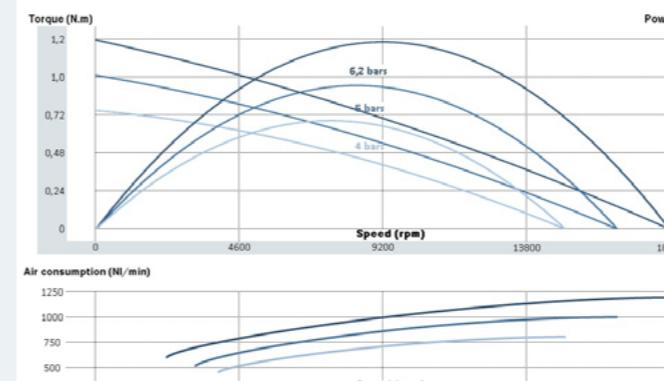


NTE 08 RV

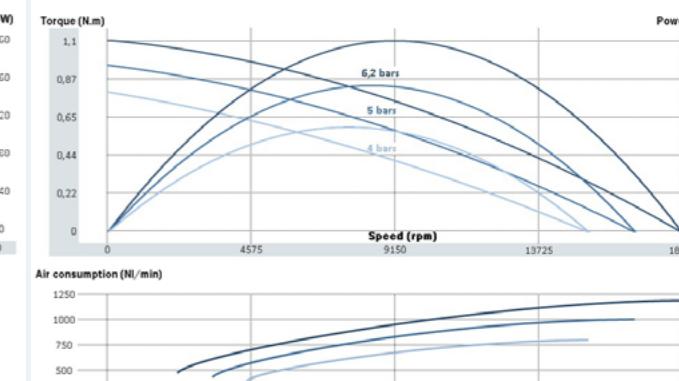


POWER, SPEED, TORQUE AND AIR CONSUMPTION GRAPHS

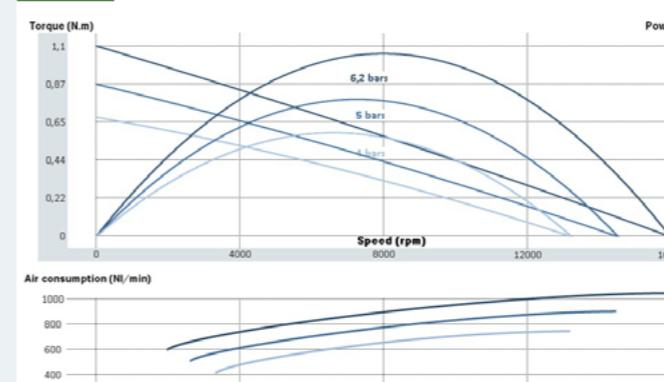
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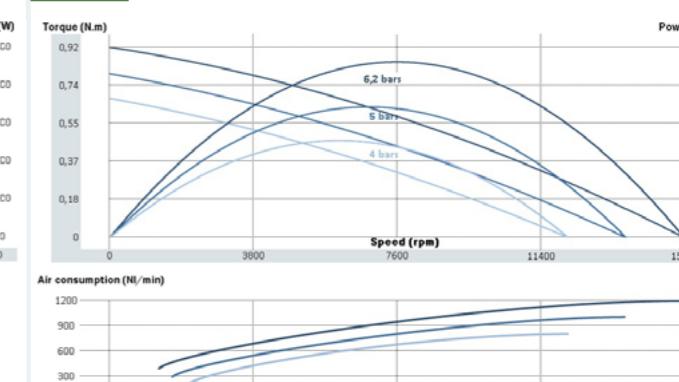
MTE 08 RV



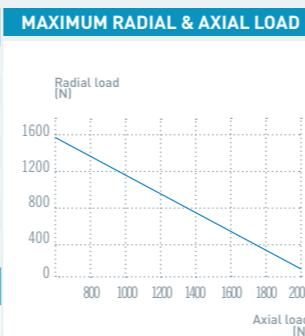
NTE 08 XT



NTE 08 RV



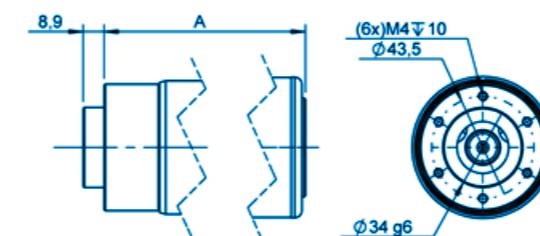
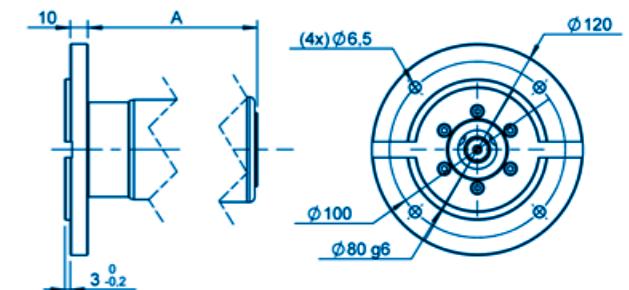
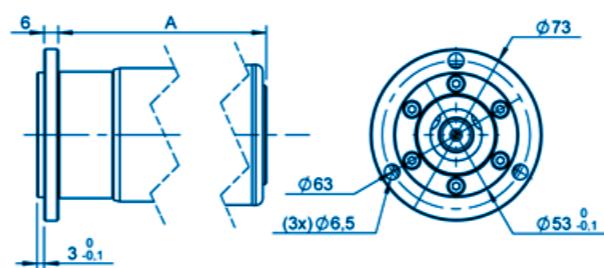
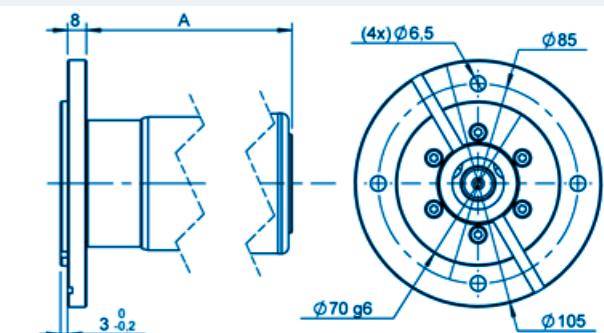
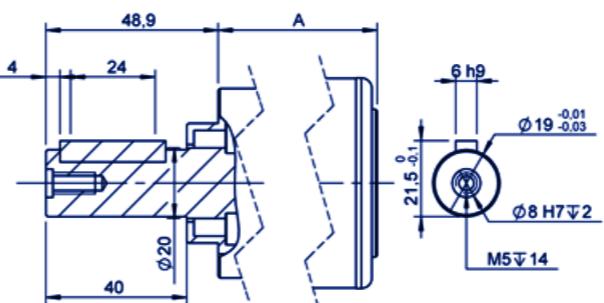
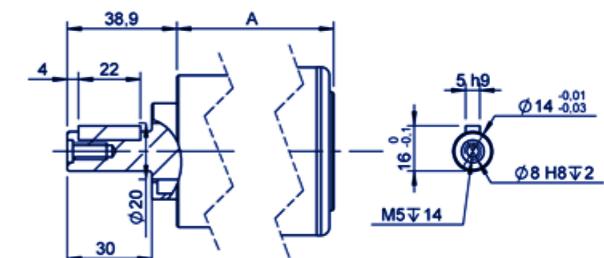
NOTES



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

FLANGES & SHAFTS **GROUP III**

XTE 08 XTE 10 XTE 20 XTE 25

GROUP III FLANGE AA**GROUP III FLANGE AB - IEC 80B14****GROUP III FLANGE B****GROUP III FLANGE FJ - IEC 71B14****GROUP III SHAFT 001 - KEYED Ø19 -IEC 80B14****GROUP III SHAFT C25 - KEYED Ø14 -IEC 71B14**

You didn't find
your match ?

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