



Twin brothers of the "10", the "20" series air motors offer the same versatility and are available with the same speed and torque ranges but **with even greater power**.

It contains the 3 same application families (Easy, Standard and Heavy duty) with the same configurations of right angle drive heads and integrated handles. **Ideal for applications as different as blasting, conveyors, lifting or integration in special machines.**

Like their little brothers, the "20" range air motors **can get an integrated speed controller**, which is indispensable for certain manual 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 "20" series		AC304
Maintenance kit for lube free "20" series		AC314
Maintenance kit for kit start "20" series		AC324
Exhaust collector kit for "20" series		AC341
modec Oil Co-16		AC149
Control handles		
Safety control handle for non reversible "20" series		AC406
Safety control handle for reversible "20" series		AC404
Progressive control handle for non reversible "20" series		AC400
Progressive control handle for reversible "20" series		AC408
Filters et 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		AC159
Exhaust silencer filter		AC161
Speed control muffler		AC174

#### CONNECTION AND LUBRIFICATION

	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	7 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 MTZ 20

**POWER**

**1700-1900 W**



## PERFORMANCES

MTZ 20 XT	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)
Air motor reference												
MTZ 20 XT 074	74	6,2 bars 5 bars 4 bars	79 73 69	157 147 139	212 183 155	404 335 271	356 295 238	1748 1407 1125	1900 1600 1200	178,7	88,8	5,3
MTZ 20 XT 113	113	6,2 bars 5 bars 4 bars	52 48 45	103 96 91	324 279 237	617 512 414	543 450 364	1748 1407 1125	1900 1600 1200	178,7	88,8	5,3

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

## REDUCTION RATIO

[3 digits]  
See table



## ROTATION\*

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

## FLANGE

[1 to 2 digits]

## OPTIONS

[2 digits]  
See table

## OUTPUT SHAFT

[1 to 3 digits]

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

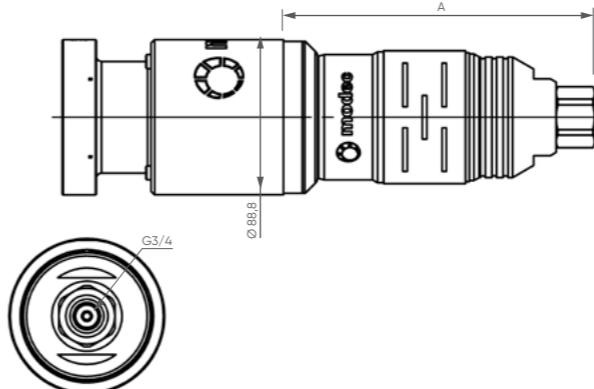
## OPTIONS AVAILABLE FOR THIS MOTOR

Collected exhaust	00	01	02	03	04	05	06	07	09	10	11	12	13	14	15	16	17	18	19	21	22	23	27	28	29	30	31	32	36	37
ATEX certification																														
Left/Right switch*																														
Lubrication free																														
Kit start																														
Speed control**																														
Inox																														

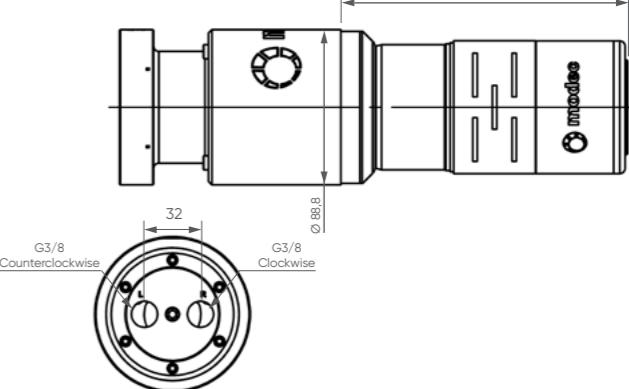
\* Reversible motors only   \*\* Non reversible motors only

## LAYOUT

### MTZ 20 XT

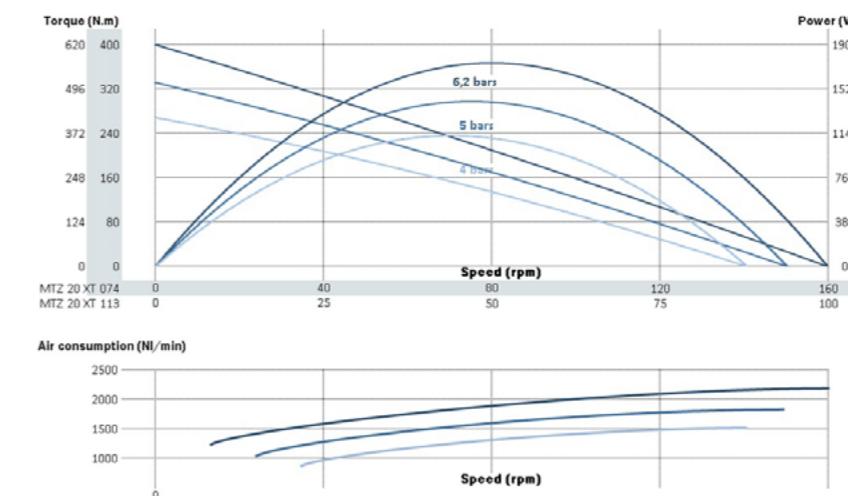


### MTZ 20 RV



## POWER, SPEED, TORQUE AND AIR CONSUMPTION GRAPHS

### MTZ 20 XT

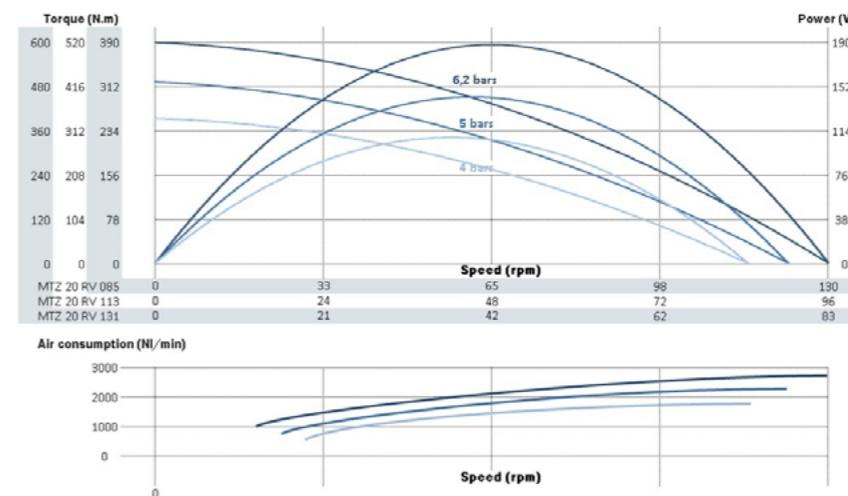


## MAXIMUM RADIAL & AXIAL LOAD



## NOTES

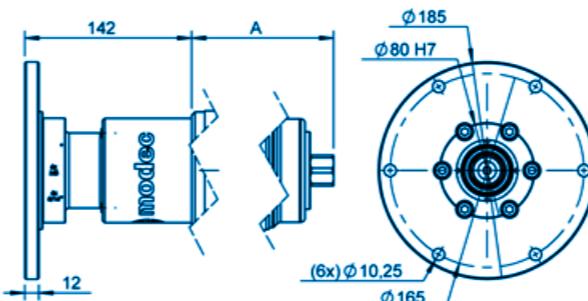
### MTZ 20 RV



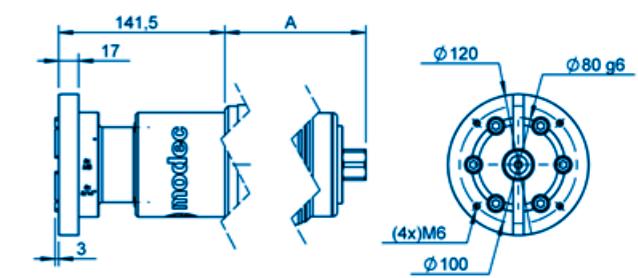
## FLANGES GROUP VI

XTZ 08 XTZ 10 XTZ 20 XTZ 25 XTS 30

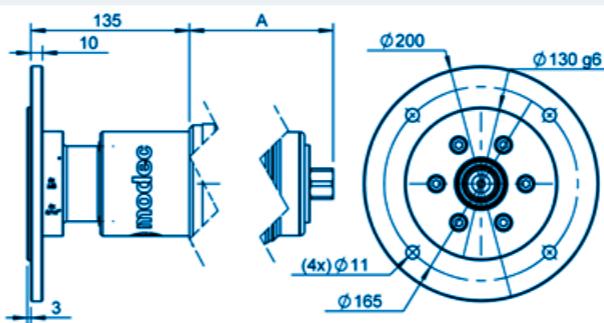
## GROUP VI FLANGE AA



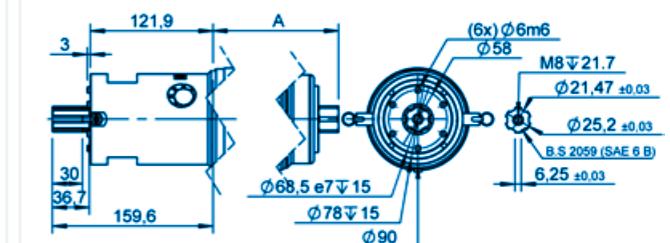
## GROUP VI FLANGE AB - IEC80B14



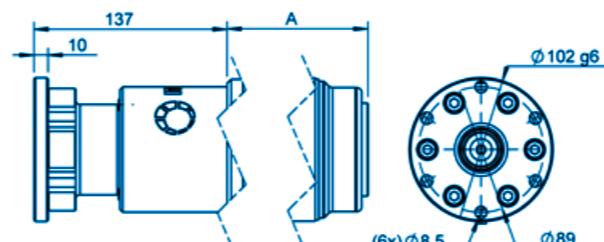
## GROUP VI FLANGE AG - IEC80B5



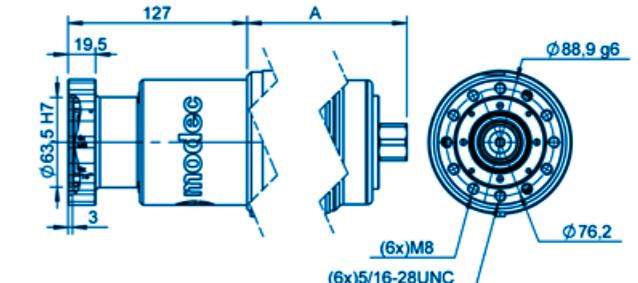
## GROUP VI FLANGE AI WITH SHAFT CNW



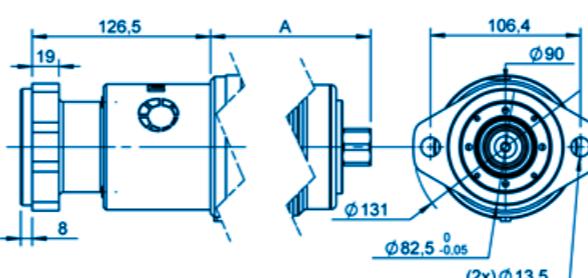
## GROUP VI FLANGE AL



## GROUP VI FLANGE B



## GROUP VI FLANGE H

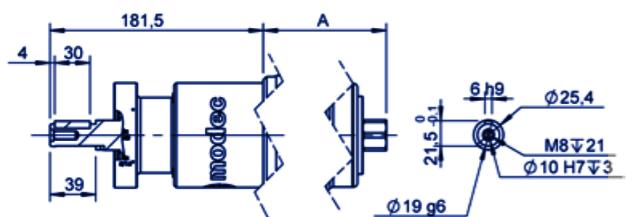
You didn't find  
your match ?

Contact us !

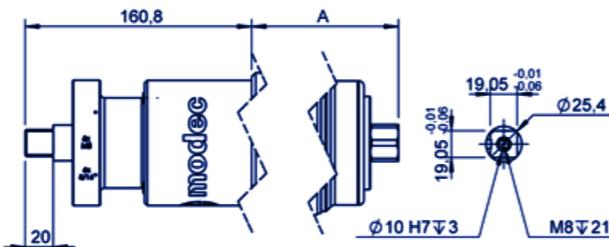
## SHAFTS GROUP VI

XTZ 08 XTZ 10 XTZ 20 XTZ 25 XTS 30

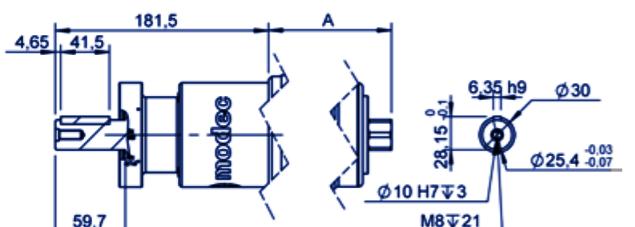
GROUP VI SHAFT 003 - KEYED Ø19 - IEC 80B14 - IEC 80B5



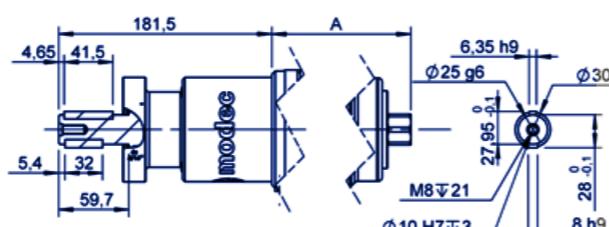
GROUP VI SHAFT CA1 - SQUARE 3/4"



GROUP VI SHAFT CL2 - KEYED Ø1"



GROUP VI SHAFT CL4 - KEYED Ø25



You didn't find  
your match ?

Contact us !