modec
moteurs & solutions pneumatiques

MAX POWER
1900 W
MAX TORQUE
840 Nm

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

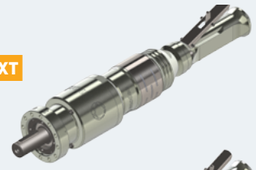
Min. fittings Ø		Min. pipe Ø		Lubrification (6,2 bars)
In	Out	In	Out	
10 mm / 0,4 In	16 mm / 0,6 In	13 mm / 0,5 In	20 mm / 0,8 In	7 drops / minute

CONVERSION TABLE

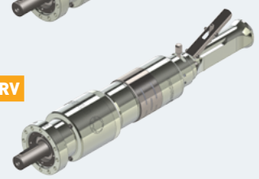
Watt ► Horse power	Newton meter ► Pound feet	Millimeter ► Inch
Watt x 0.001341 = hp	Nm x 0,7376 = lb.ft	mm x 0,03937 = in
Bar ► Pound per square Inch	Normo Liter / minute ► Standard cubic feet per minute	Kilogram ► Pound
Bar x 14,5 = psi	NL / min x 0,03531 = scfm	Kg x 2,205 = lb

MOTORS NTZ 20
POWER 1400-1500 W

NTZ 20 XT



NTZ 20 RV



N T Z 2 0 X X X X X X X X X X X – X X

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 THE NTZ 20 XT

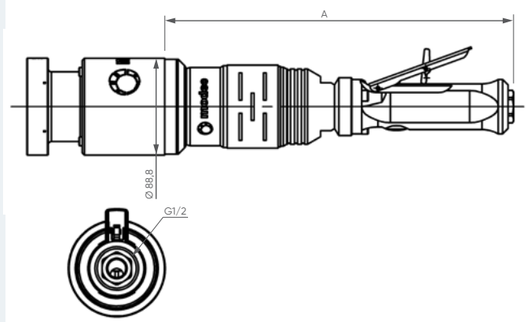
Code	02	04	05	06	07	09	10	13	14	15	18	19	21	22	31	32
Collected exhaust					●	●	●						●	●		
ATEX certification	●				●			●	●	●			●	●	●	●
Lubrication free		●				●		●			●		●		●	
Kit start			●				●		●			●		●		●
Speed control				●						●	●	●			●	●

OPTIONS AVAILABLE FOR THE NTZ 20 RV

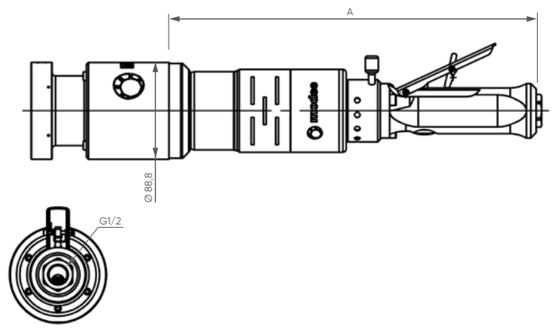
Code	03	12	16	17	29	30
ATEX certification		●			●	●
Left/Right switch	●	●	●	●	●	●
Lubrication free			●		●	
Kit start				●		●

LAYOUT

NTZ 20 XT



NTZ 20 RV



PERFORMANCES

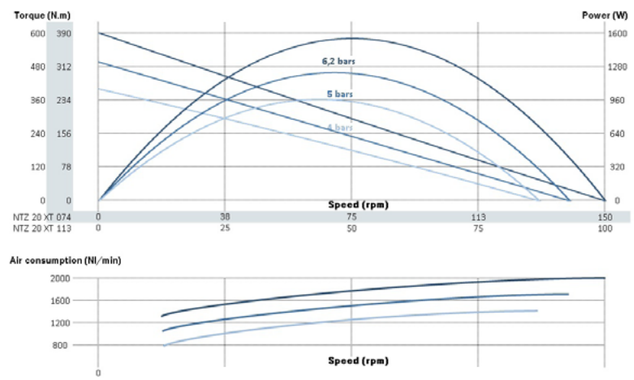
NTZ 20 XT – Air motor reference	Reduction ratio	Air supply pressure	Speed (rpm) @ max Power	Speed (rpm) Free	Torque (N.m) @ max Power	Torque (N.m) Max (stall)	Torque (N.m) Starting torque	Max Power (W)	Air cons (Nl/min)	Dimensions A (mm)	Dimensions Ø (mm)	Dimensions Weight (kg)
NTZ 20 XT 074	74	6,2 bars	76	153	193	395	348	1544	1800	321,7	88,8	5,8
		5 bars	71	142	162	326	287	1209	1500			
		4 bars	67	133	137	263	231	955	1200			
NTZ 20 XT 113	113	6,2 bars	50	100	295	603	531	1544	1800	321,7	88,8	5,8
		5 bars	47	93	247	498	438	1209	1500			
		4 bars	44	87	209	401	353	955	1200			

NTZ 20 RV – Air motor reference	Reduction ratio	Air supply pressure	Speed (rpm) @ max Power	Speed (rpm) Free	Torque (N.m) @ max Power	Torque (N.m) Max (stall)	Torque (N.m) Starting torque	Max Power (W)	Air cons (Nl/min)	Dimensions A (mm)	Dimensions Ø (mm)	Dimensions Weight (kg)
NTZ 20 RV 085	85	6,2 bars	55	110	241	337	297	1392	1800	343,2	88,8	6,6
		5 bars	51	102	196	271	239	1051	1500			
		4 bars	47	94	155	221	195	766	1200			
NTZ 20 RV 113	113	6,2 bars	42	83	320	447	394	1392	1800	343,2	88,8	6,6
		5 bars	39	77	260	360	317	1051	1500			
		4 bars	35	71	206	294	258	766	1200			
NTZ 20 RV 131	131	6,2 bars	36	72	368	515	453	1392	1800	343,2	88,8	6,6
		5 bars	33	67	300	415	365	1051	1500			
		4 bars	31	62	237	338	298	766	1200			

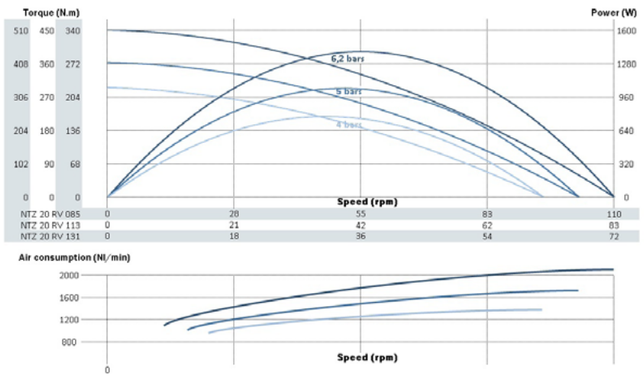
Data indicated in this table have an accuracy of +/- 5%

POWER, SPEED, TORQUE AND AIR CONSUMPTION GRAPHS

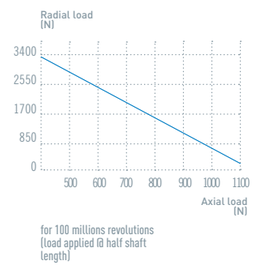
NTZ 20 XT



NTZ 20 RV



MAXIMUM RADIAL & AXIAL LOAD



NOTES

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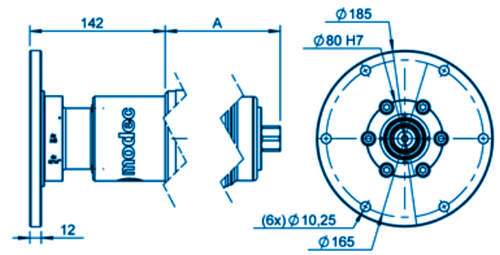
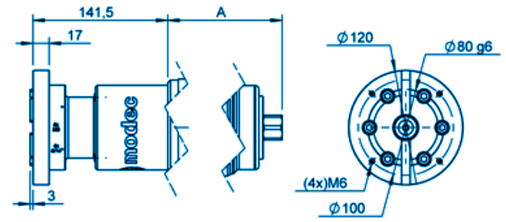
FLANGES **GROUP VI**

XTZ 08 | XTZ 10 | XTZ 20 | XTZ 25 | XTS 30

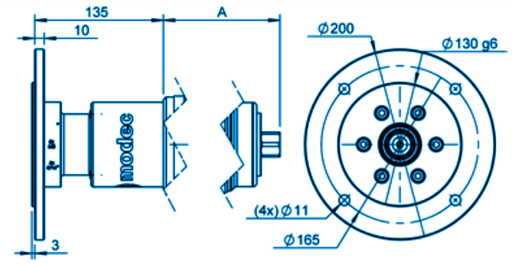
GROUP VI FLANGE AA



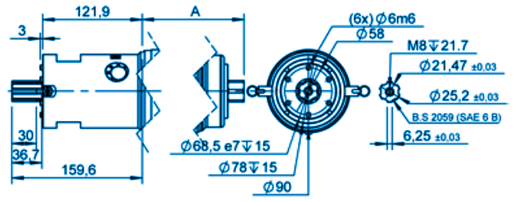
GROUP VI FLANGE AB - IEC80B14



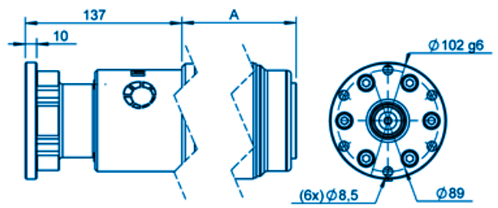
GROUP VI FLANGE AG - IEC80B5



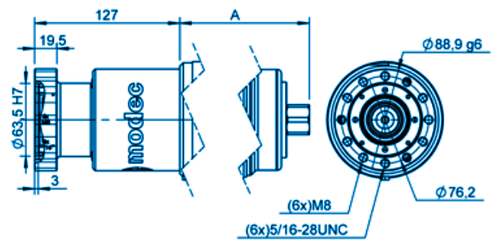
GROUP VI FLANGE AI WITH SHAFT CNW



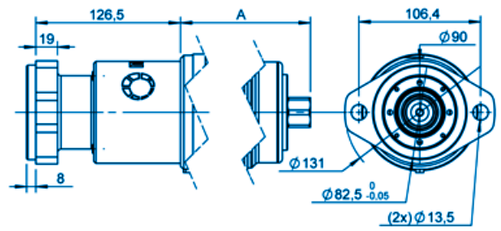
GROUP VI FLANGE AL



GROUP VI FLANGE B



GROUP VI FLANGE H



You didn't find your match ?

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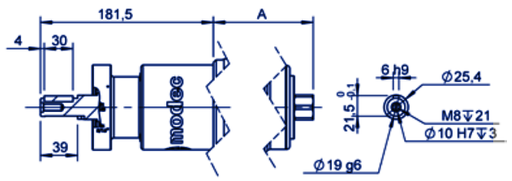
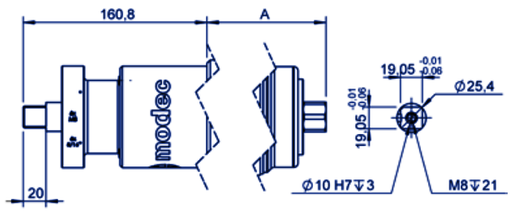
SHAFTS **GROUP VI**

XTZ 08 | XTZ 10 | XTZ 20 | XTZ 25 | XTS 30

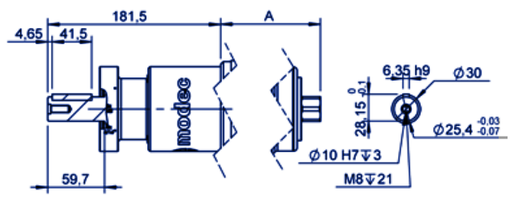
GROUP VI SHAFT 003 - KEYED Ø19 - IEC 80B14 - IEC 80B5



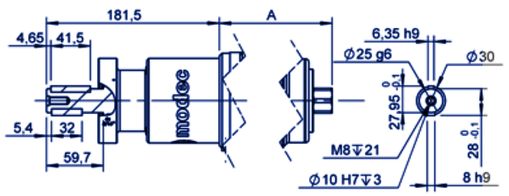
GROUP VI SHAFT CA1 - SQUARE 3/4''



GROUP VI SHAFT CL2 - KEYED Ø1''



GROUP VI SHAFT CL4 - KEYED Ø25



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