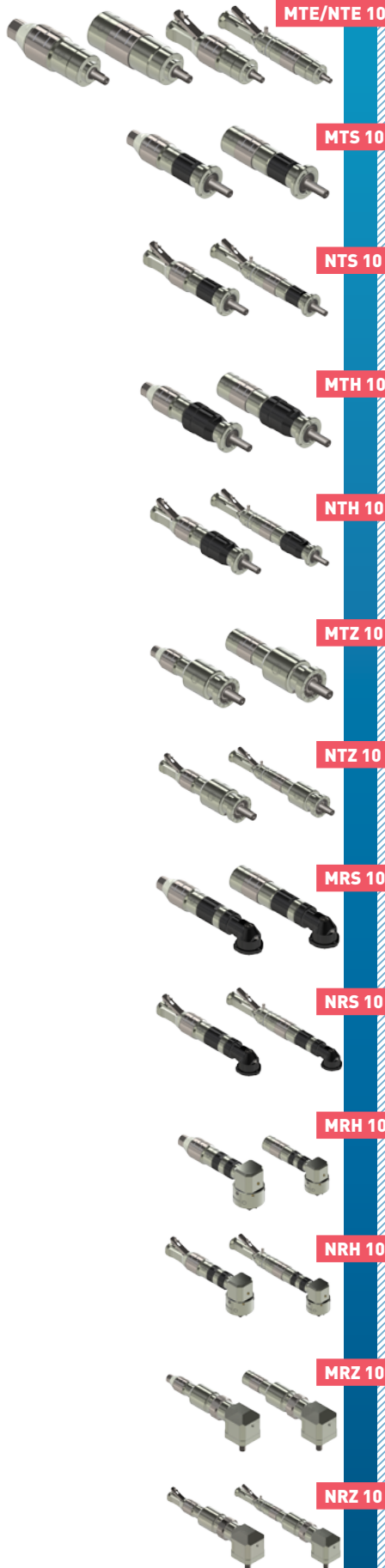


MAX POWER
1300 W
MAX TORQUE
1000 Nm

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	
	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

PERFORMANCES



REDUCTION RATIO

(3 digits)
See table

OPTIONS

(2 digits)
See table

N R H 1 0 X X X X X X X X X — X X

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

NRH 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)
NRH 10 XT 102	102	6,2 bars	84	168	123	190	156	1082	1600	310,5	69	5,2
		5 bars	79	158	100	157	129	827	1300			
		4 bars	75	150	78	126	103	611	1000			
NRH 10 XT 170	170	6,2 bars	51	101	204	315	258	1082	1600	334,5	69	5,4
		5 bars	48	95	166	260	213	827	1300			
		4 bars	45	90	129	208	171	611	1000			
NRH 10 XT 195	195	6,2 bars	44	88	234	362	297	1082	1600	334,5	69	5,4
		5 bars	41	83	191	299	245	827	1300			
		4 bars	39	79	149	240	197	611	1000			
NRH 10 XT 234	234	6,2 bars	37	74	281	434	356	1082	1600	334,5	69	5,4
		5 bars	35	69	228	359	294	827	1300			
		4 bars	33	66	178	287	236	611	1000			
NRH 10 XT 269	269	6,2 bars	32	64	323	500	410	1082	1600	334,5	69	5,4
		5 bars	30	60	263	413	338	827	1300			
		4 bars	28	57	205	331	271	611	1000			
NRH 10 XT 322	322	6,2 bars	27	53	387	599	491	1082	1600	334,5	69	5,4
		5 bars	25	50	315	494	405	827	1300			
		4 bars	24	48	246	396	325	611	1000			
NRH 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)
NRH 10 RV 102	102	6,2 bars	69	137	104	142	125	746	1400	440	69	5,8
		5 bars	65	129	84	114	100	568	1200			
		4 bars	60	120	65	87	77	410	1000			
NRH 10 RV 170	170	6,2 bars	41	83	172	235	206	746	1400	464	69	6,0
		5 bars	39	78	139	188	166	568	1200			
		4 bars	36	73	108	145	127	410	1000			
NRH 10 RV 195	195	6,2 bars	36	72	198	270	238	746	1400	464	69	6,0
		5 bars	34	68	160	217	191	568	1200			
		4 bars	32	63	124	167	147	410	1000			
NRH 10 RV 234	234	6,2 bars	30	60	237	323	285	746	1400	464	69	6,0
		5 bars	28	57	192	260	228	568	1200			
		4 bars	26	53	148	200	176	410	1000			
NRH 10 RV 269	269	6,2 bars	26	52	273	372	328	746	1400	464	69	6,0
		5 bars	25	49	221	299	263	568	1200			
		4 bars	23	46	171	230	202	410	1000			
NRH 10 RV 322	322	6,2 bars	22	44	327	446	392	746	1400	464	69	6,0
		5 bars	21	41	265	358	315	568	1200			
		4 bars	19	38	205	275	242	410	1000			
NRH 10 RV 411	411	6,2 bars	17	34	417	568	500	746	1400	464	69	6,0
		5 bars	16	32	337	456	401	568	1200			
		4 bars	15	30	261	351	309	410	1000			

Data indicated in this table have an accuracy of $\pm 5\%$

OPTIONS AVAILABLE FOR THE NRH10XT

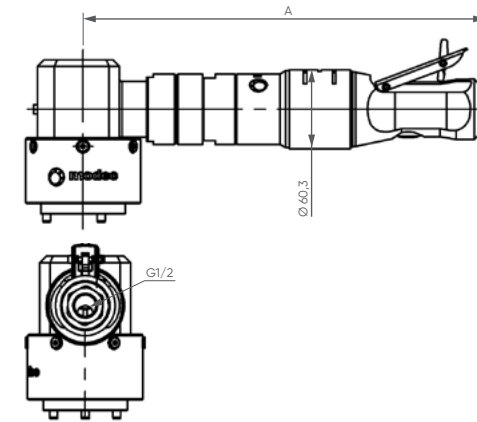
Collected exhaust																			
ATEX certification																			
Lubrication free																			
Kit start																			
Speed control																			
Code	00	01	02	04	05	06	07	09	10	13	14	15	18	19	21	22	31	32	

OPTIONS AVAILABLE FOR THE NRH10RV

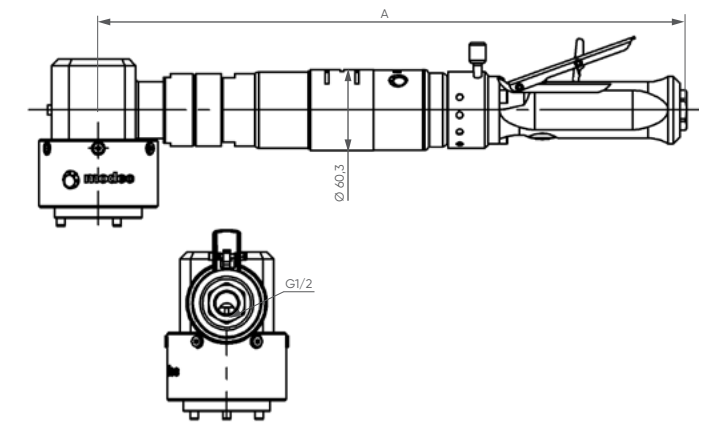
ATEX certification						
Left/Right switch						
Lubrication free						
Kit start						
Code	03	12	16	17	29	30

LAYOUT

NRH 10 XT

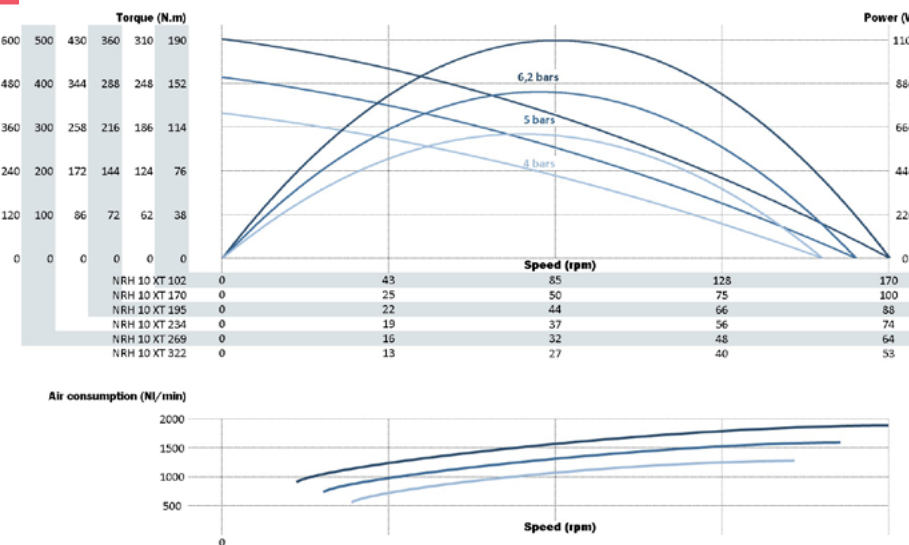


NRH 10 RV

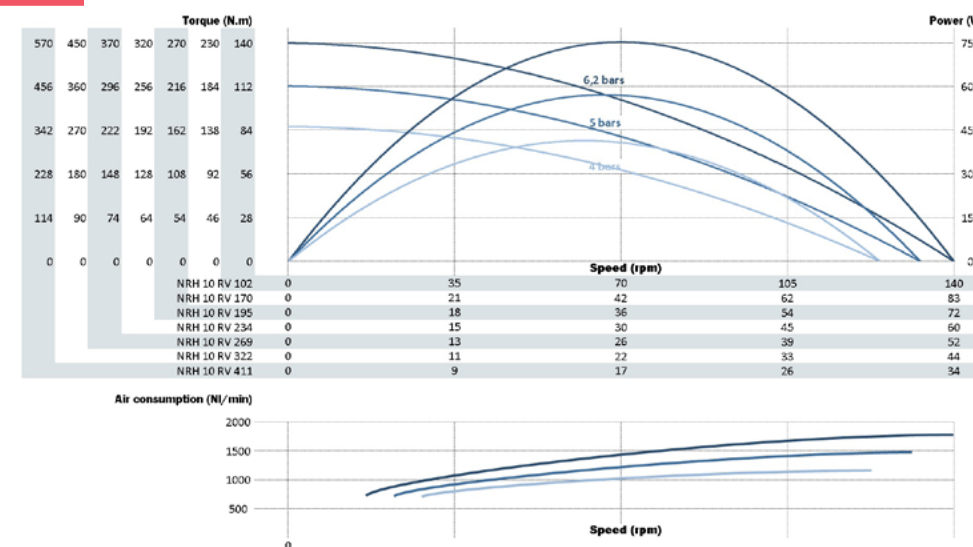


POWER, SPEED, TORQUE AND AIR CONSUMPTION GRAPHS

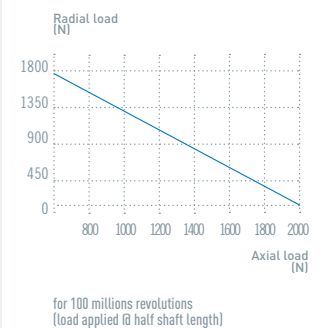
NRH 10 XT



NRH 10 RV



MAXIMUM RADIAL & AXIAL LOAD



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

NOTES

FLANGES

GROUP VIII

XRZ 05

XRZ 07

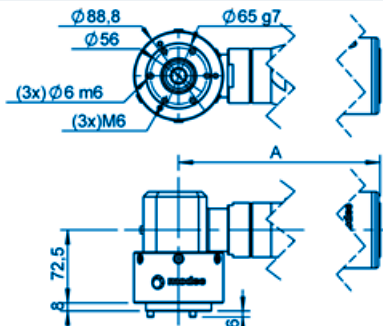
XRH 08

XRH 10

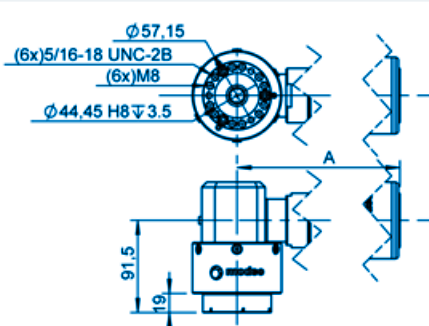
XRH 20

XRH 25

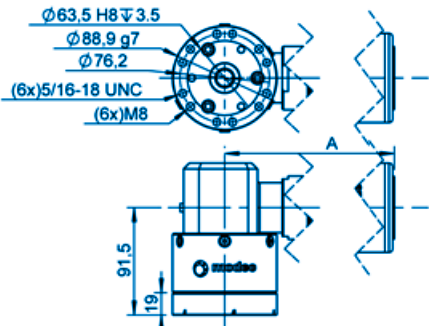
GROUP VIII FLANGE AA



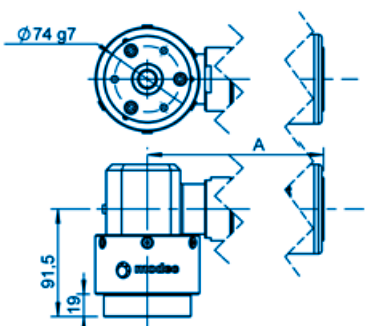
GROUP VIII FLANGE AB



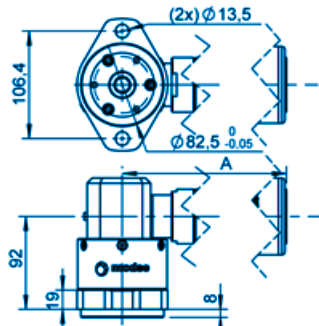
GROUP VIII FLANGE AC



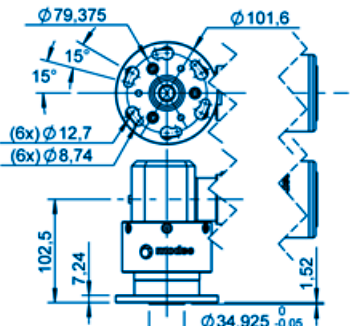
GROUP VIII FLANGE AD



GROUP VIII FLANGE AE



GROUP VIII FLANGE Q



You didn't find your match ?

Contact us !

SHAFTS

GROUP VIII

XRZ 05

XRZ 07

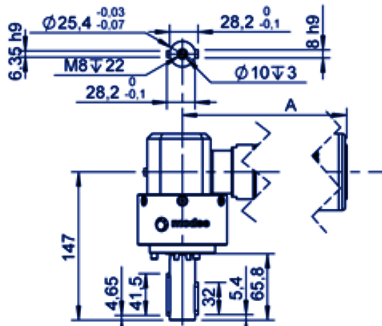
XRH 08

XRH 10

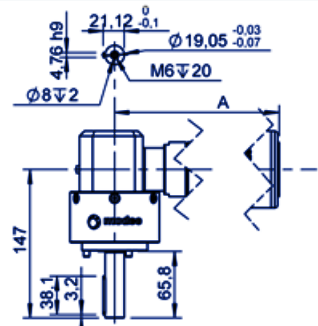
XRH 20

XRH 25

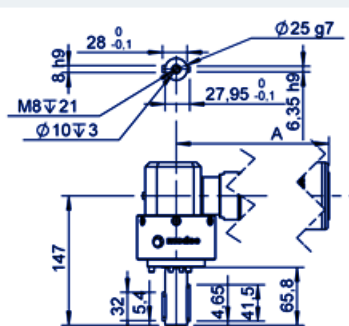
GROUP VIII SHAFT 001 - KEYED Ø1"



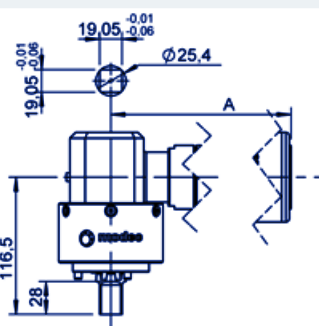
GROUP VIII SHAFT 002 - KEYED Ø3/4"



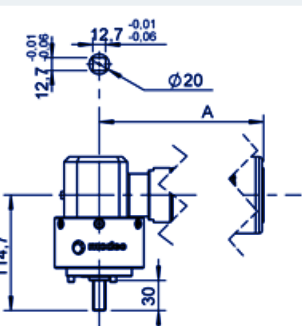
GROUP VIII SHAFT 003 - KEYED Ø25



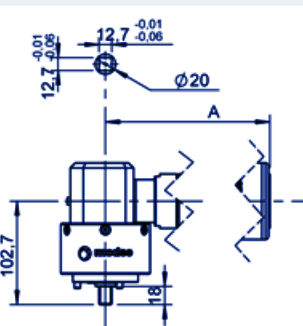
GROUP VIII SHAFT 004 - SQUARE 3/4"



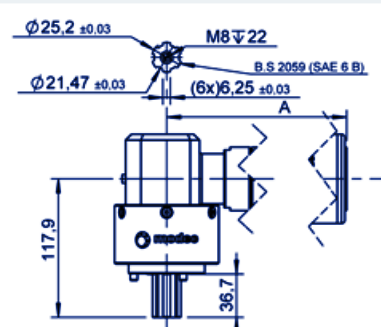
GROUP VIII SHAFT 005 - SQUARE 1/2" LONG



GROUP VIII SHAFT CA1 - SQUARE 1/2" SHORT



GROUP VIII SHAFT CNW - SPLINED



You didn't find your match ?

Contact us !