

MOTORS NRH 25 / NRZ 25

POWER 2300-2700 W

NRH 25 XT

NRH 25 RV

NRZ 25 XT

NRZ 25 RV

REDUCTION RATIO

(3 digits)
See table below

OPTIONS

(2 digits)
See table below

N R H/Z 2 5 X X X X X X X 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)
Group VIII page 172

OUTPUT SHAFT

(1 to 3 digits)
Group VIII page 173

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

PERFORMANCES

NRH/Z 25 XT		Reduction ratio	Air supply pressure	Speed (rpm)		Torque (N.m)			Max Power (W)	Air cons (NU/min)	Dimensions		
Air motor reference				@ max Power	Free	@ max Power	Max (stall)	Starting torque			A (mm)	Ø (mm)	Weight (kg)
NRH 25 XT 041	41	6,2 bars	140	279	183	302	265	2672	2800	461,5	80	7,7	
		5 bars	131	262	148	248	219	2036	2300				
		4 bars	122	244	121	196	173	1543	1800				
NRH 25 XT 047	47	6,2 bars	121	243	210	347	305	2672	2800	461,5	80	7,7	
		5 bars	114	228	171	286	252	2036	2300				
		4 bars	106	212	139	226	199	1543	1800				
NRH 25 XT 056	56	6,2 bars	101	203	252	416	366	2672	2800	461,5	80	7,7	
		5 bars	95	190	205	343	301	2036	2300				
		4 bars	89	177	166	271	238	1543	1800				
NRH 25 XT 071	71	6,2 bars	80	159	321	530	466	2672	2800	461,5	80	7,7	
		5 bars	75	149	261	437	384	2036	2300				
		4 bars	70	139	212	345	304	1543	1800				
NRZ 25 XT 107	107	6,2 bars	53	106	483	797	701	2672	2800	556,2	88,8	13,2	
		5 bars	50	99	392	657	578	2036	2300				
		4 bars	46	92	319	519	457	1543	1800				

NRH/Z 25 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 25 RV 041	41	6,2 bars	126	251	172	244	214	2256	2700	472,5	80	8,1
		5 bars	117	235	140	203	178	1717	2200			
		4 bars	111	221	112	168	148	1299	1700			
NRH 25 RV 047	47	6,2 bars	109	218	197	281	247	2256	2700	472,5	80	8,1
		5 bars	102	204	161	233	205	1717	2200			
		4 bars	96	192	129	194	170	1299	1700			
NRH 25 RV 056	56	6,2 bars	91	182	237	336	296	2256	2700	472,5	80	8,1
		5 bars	85	170	193	280	246	1717	2200			
		4 bars	80	160	155	232	204	1299	1700			
NRH 25 RV 071	71	6,2 bars	71	143	302	428	377	2256	2700	472,5	80	8,1
		5 bars	67	134	246	356	314	1717	2200			
		4 bars	63	126	197	296	260	1299	1700			
NRZ 25 RV 107	107	6,2 bars	48	95	453	644	567	2256	2700	567,2	88,8	13,6
		5 bars	44	89	369	536	472	1717	2200			
		4 bars	42	84	297	445	391	1299	1700			
NRZ 25 RV 154	154	6,2 bars	33	66	650	923	812	2256	2700	567,2	88,8	13,6
		5 bars	31	62	529	768	676	1717	2200			
		4 bars	29	58	425	637	561	1299	1700			

For connection and lubrication, see page 125

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

OPTIONS AVAILABLE FOR THE NRH /Z 25 XT

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

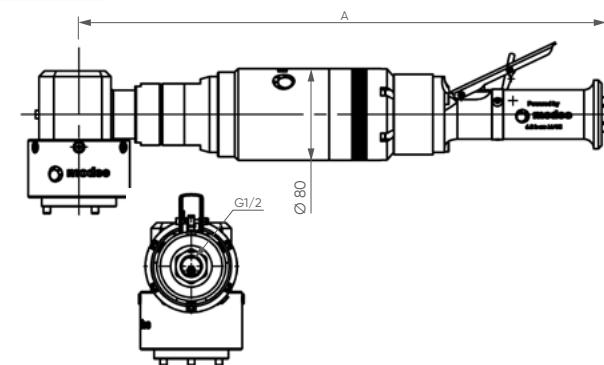
OPTIONS AVAILABLE FOR THE NRH /Z 25 RV

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

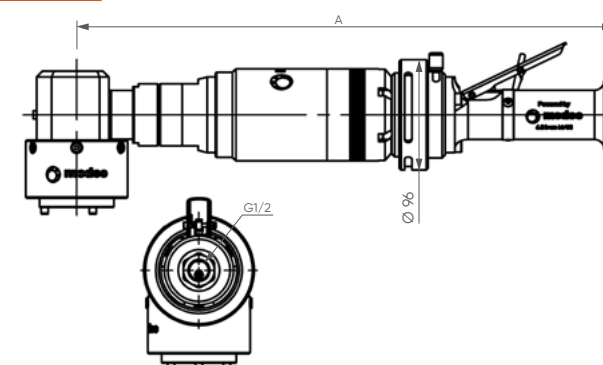
+ List of available accessories for this motor page 125

LAYOUT

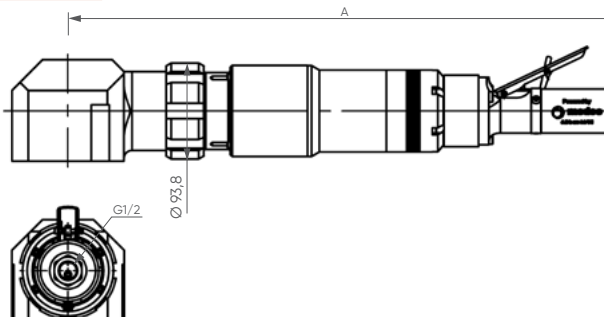
NRH 25 XT



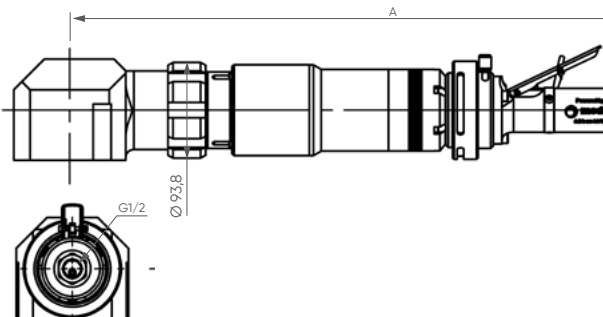
NRH 25 RV



NRZ 25 XT

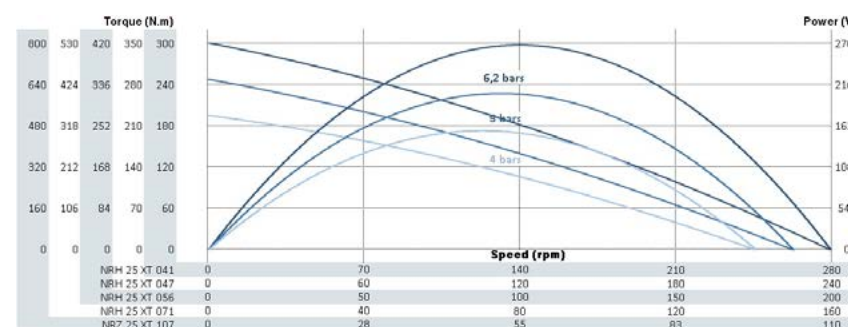


NRZ 25 RV

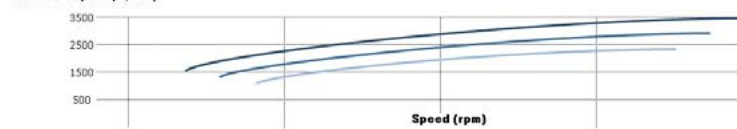


POWER, SPEED, TORQUE AND AIR CONSUMPTION GRAPHS

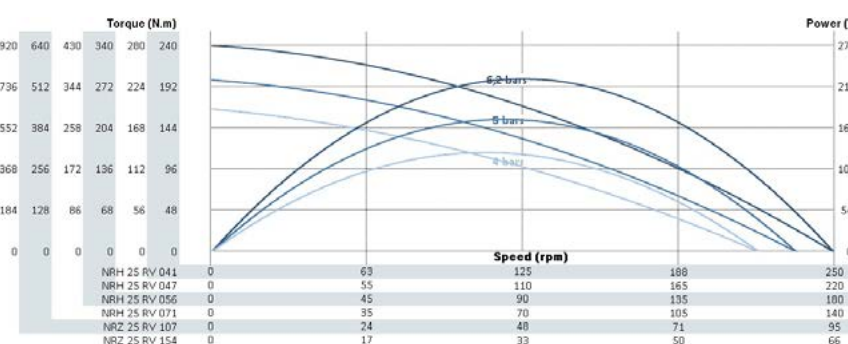
NRH/Z 25 XT



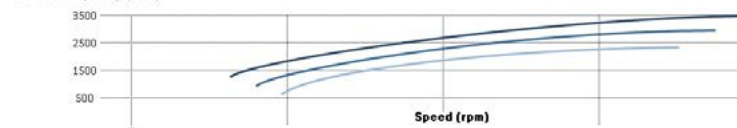
Air consumption (Nl/min)



NRH/Z 25 RV

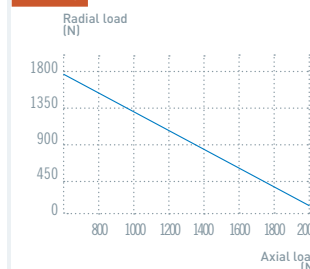


Air consumption (Nl/min)

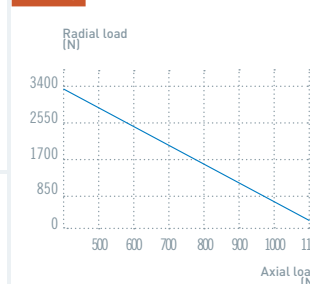


MAXIMUM RADIAL & AXIAL LOAD

NRH 25

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

NRZ 25

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

NOTES