

MOTOR NRH 08 / NRZ 08

POWER 400 W

NRH 08 XT

NRH 08 RV

NRZ 08 XT

NRZ 08 RV

REDUCTION RATIO

(3 digits)
See table below

OPTIONS

(2 digits)
See table below

N R H/Z 0 8 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)
NRH : Group VIII page 172
NRZ : Group IX page 174

OUTPUT SHAFT

(1 to 3 digits)
NRH : Group VIII page 173
NRZ : Group IX page 174

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

PERFORMANCES

NRH/Z 08 XT	Air motor reference	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)
NRH 08 XT 225		225	6,2 bars	36	72	107	192	169	400	900	292	54	5,4
			5 bars	33	66	88	157	135	305	750			
			4 bars	30	60	71	125	110	223	600			
			6,2 bars	30	60	128	230	202	400	900			
NRH 08 XT 269		269	5 bars	28	55	105	188	162	305	750	292	54	5,4
			4 bars	25	50	85	149	131	223	600			
			6,2 bars	25	50	153	275	242	400	900			
			5 bars	23	46	126	225	194	305	750			
NRH 08 XT 322		322	4 bars	21	42	102	179	157	223	600	292	54	5,4
			6,2 bars	20	39	195	351	309	400	900			
			5 bars	18	36	161	287	248	305	750			
			4 bars	16	33	130	228	201	223	600			
NRH 08 XT 411		411	6,2 bars	15	31	249	447	394	400	900	292	54	5,4
			5 bars	14	28	205	366	316	305	750			
			4 bars	13	26	166	290	256	223	600			
			6,2 bars	10	20	374	673	592	400	900			
NRZ 08 XT 788		788	5 bars	9,4	19	309	550	475	305	750	403,8	88,8	10,3
			4 bars	8,5	17	250	437	384	223	600			

NRH/Z 08 RV	Air motor reference	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)
NRH 08 RV 225		225	6,2 bars	34	69	110	169	148	396	950	442,3	57	5,8
			5 bars	31	63	91	137	119	298	750			
			4 bars	28	57	74	108	95	222	600			
			6,2 bars	29	58	131	202	178	396	950			
NRH 08 RV 269		269	5 bars	26	52	109	164	142	298	750	442,3	57	5,8
			4 bars	24	48	89	129	113	222	600			
			6,2 bars	24	48	157	242	213	396	950			
			5 bars	22	44	130	196	171	298	750			
NRH 08 RV 322		322	4 bars	20	40	107	154	136	222	600	442,3	57	5,8
			6,2 bars	19	38	201	308	271	396	950			
			5 bars	17	34	166	250	218	298	750			
			4 bars	16	31	136	197	173	222	600			
NRH 08 RV 411		411	6,2 bars	15	30	256	393	346	396	950	442,3	57	5,8
			5 bars	13	27	211	319	277	298	750			
			4 bars	12	24	174	251	221	222	600			
			6,2 bars	10	21	367	563	496	396	950			
NRH 08 RV 750		750	5 bars	9,4	19	303	456	397	298	750	442,3	57	5,8
			4 bars	8,5	17	249	359	316	222	600			
			6,2 bars	6,9	14	551	847	745	396	950			
			5 bars	6,3	13	455	686	597	298	750			
NRZ 08 RV 1k1		1128	4 bars	5,7	11	374	540	475	222	600	546,8	88,8	10,8

For connection and lubrication, see page 51

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

OPTIONS AVAILABLE FOR THE NRH/Z 08 XT

Collected exhaust	01	07	09	10	21	22
ATEX certification						
Lubrication free						
Kit start						

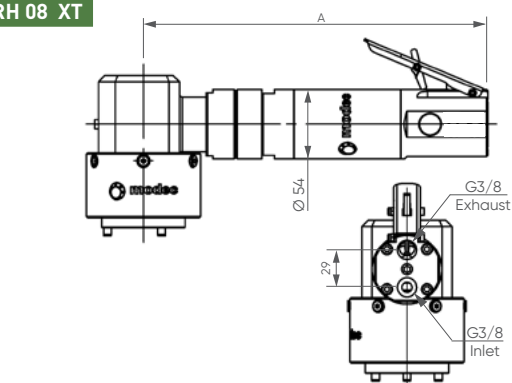
OPTIONS AVAILABLE FOR THE NRH/Z 08 RV

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

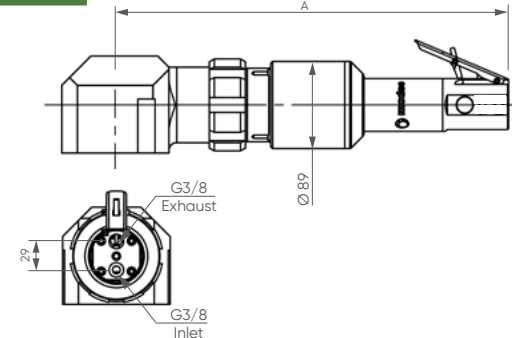
+ List of available accessories for this motor page 51

LAYOUT

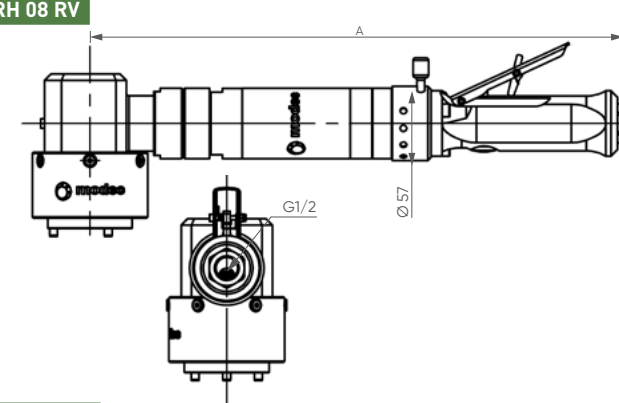
NRH 08 XT



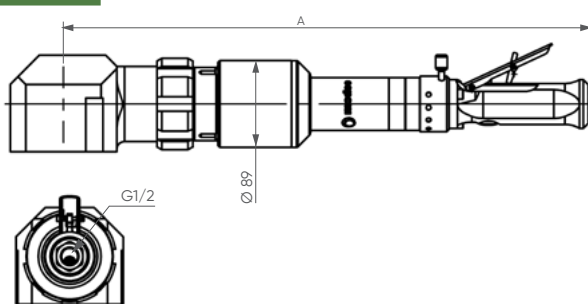
NRZ 08 XT



NRH 08 RV

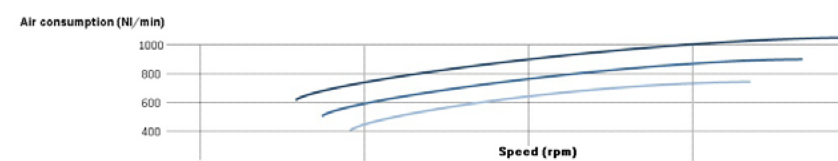
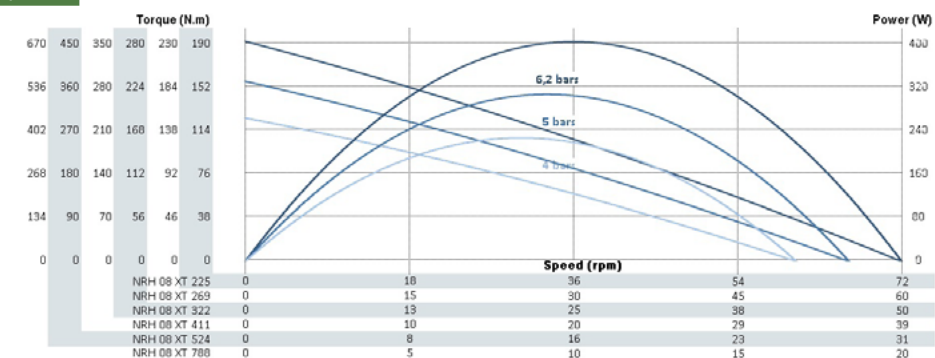


NRZ 08 RV

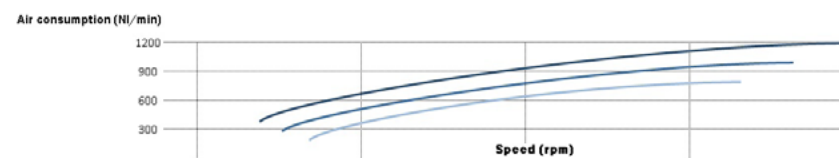
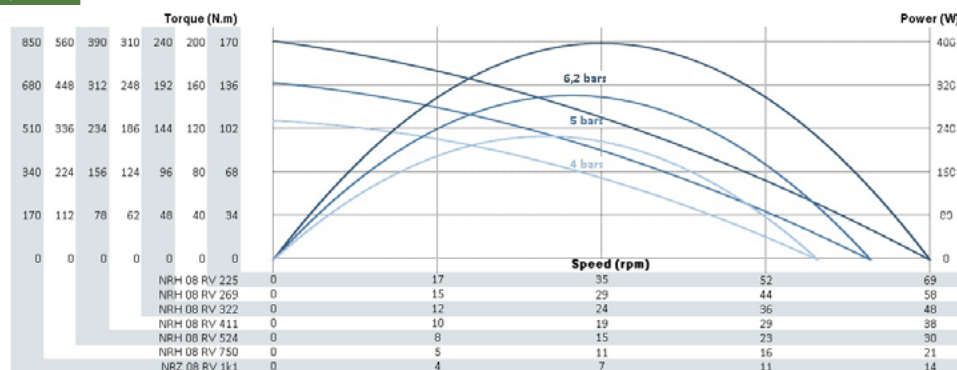


POWER, SPEED, TORQUE AND AIR CONSUMPTION GRAPHS

NRH/Z 08 XT

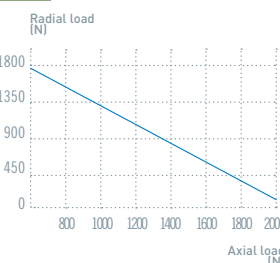


NRH/Z 08 RV

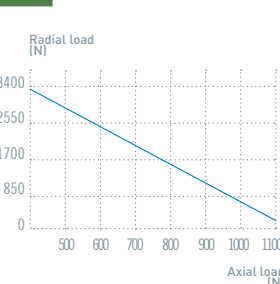


MAXIMUM RADIAL & AXIAL LOAD

NRH 08

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

NRZ 08

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

NOTES