MOTOR NRS 10
POWER 800-1200 W

NRS 10 XT

NRS 10 RV

N R S 1 0 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 VII page 169

OUTPUT SHAFT
(1 to 3 digits)
Group VII pages 170 to 171

REDUCTION RATIO
(3 digits)
See table below

OPTIONS
(2 digits)
See table on right page

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

OPTIONS AVAILABLE FOR THE NRS10XT

Code	00	01	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						●						●	●	●			●	●

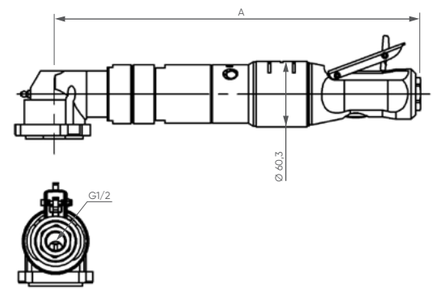
List of available accessories for this motor page 73

OPTIONS AVAILABLE FOR THE NRS10RV

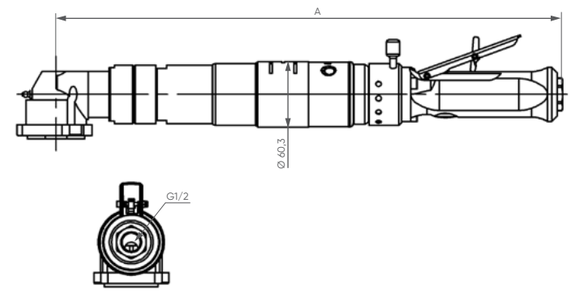
Code	03	12	16	17	29	30
ATEX certification		●			●	●
Left/Right switch	●	●	●	●	●	●
Lubrication free			●		●	
Kit start				●		●

LAYOUT

NRS 10 XT



NRS 10 RV



PERFORMANCES

NRS 10 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)
NRS 10 XT 006	6	6,2 bars	1392	2783	8,1	13	10	1176	1600	310,5	60,3	3,1
		5 bars	1282	2565	6,6	10	8,3	886	1300			
		4 bars	1181	2363	5,2	8,1	6,6	643	1000			
NRS 10 XT 008	8	6,2 bars	1162	2324	9,7	15	12	1176	1600	310,5	60,3	3,1
		5 bars	1071	2141	7,9	12	10	886	1300			
		4 bars	986	1972	6,2	9,7	7,9	643	1000			
NRS 10 XT 010	10	6,2 bars	911	1823	12	19	16	1176	1600	310,5	60,3	3,1
		5 bars	840	1680	10	15	13	886	1300			
		4 bars	774	1547	7,9	12	10	643	1000			
NRS 10 XT 014	14	6,2 bars	636	1272	18	27	22	1176	1600	310,5	60,3	3,1
		5 bars	586	1173	14	22	18	886	1300			
		4 bars	540	1080	11	18	14	643	1000			
NRS 10 XT 031	31	6,2 bars	290	580	39	60	49	1176	1600	337,5	60,3	3,3
		5 bars	267	534	32	49	40	886	1300			
		4 bars	246	492	25	39	32	643	1000			
NRS 10 XT 037	37	6,2 bars	242	484	46	72	59	1176	1600	337,5	60,3	3,3
		5 bars	223	446	38	58	48	886	1300			
		4 bars	205	411	30	46	38	643	1000			
NRS 10 XT 047	47	6,2 bars	190	380	59	92	75	1176	1600	337,5	60,3	3,3
		5 bars	175	350	48	74	61	886	1300			
		4 bars	161	322	38	59	49	643	1000			
NRS 10 XT 056	56	6,2 bars	158	317	71	110	90	1176	1600	337,5	60,3	3,3
		5 bars	146	292	58	89	73	886	1300			
		4 bars	135	269	46	71	58	643	1000			
NRS 10 XT 071	71	6,2 bars	124	249	90	140	115	1176	1600	337,5	60,3	3,3
		5 bars	115	229	74	113	93	886	1300			
		4 bars	106	211	58	90	74	643	1000			

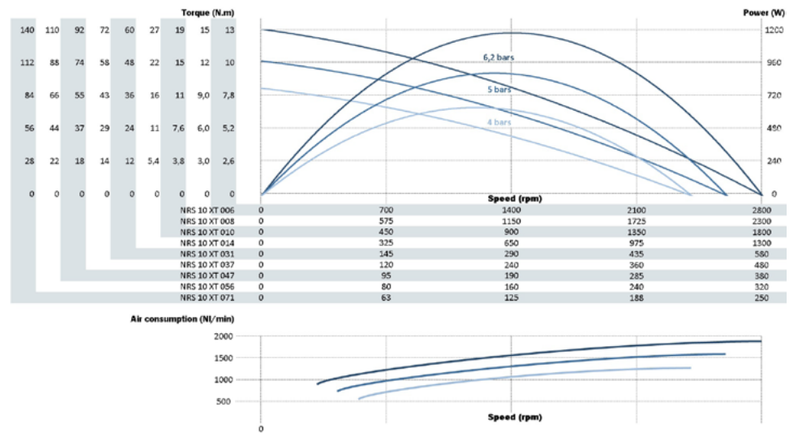
NRS 10 RV Air motor reference	Reduction ratio	Air supply pressure	Speed (rpm) @ max Power	Speed (rpm) Free	Torque (N.m) @ max Power	Torque (N.m) Max (stall)	Torque (N.m) Starting torque	Max Power (W)	Air cons (Nl/min)	Dimensions A (mm)	Dimensions Ø (mm)	Dimensions Weight (kg)
NRS 10 RV 006	6	6,2 bars	1078	2157	7,3	11	9,4	824	1400	440	60,3	4,0
		5 bars	1014	2029	5,9	8,8	7,7	621	1200			
		4 bars	934	1868	4,5	6,8	6,0	440	1000			
NRS 10 RV 008	8	6,2 bars	900	1800	8,7	13	11	824	1400	440	60,3	4,0
		5 bars	847	1693	7,0	11	9,2	621	1200			
		4 bars	780	1560	5,4	8,2	7,2	440	1000			
NRS 10 RV 010	10	6,2 bars	706	1412	11	16	14	824	1400	440	60,3	4,0
		5 bars	664	1328	8,9	13	12	621	1200			
		4 bars	612	1223	6,9	10	9,2	440	1000			
NRS 10 RV 014	14	6,2 bars	493	986	16	23	21	824	1400	440	60,3	4,0
		5 bars	464	927	13	19	17	621	1200			
		4 bars	427	854	9,8	15	13	440	1000			
NRS 10 RV 031	31	6,2 bars	225	449	35	51	45	824	1400	467	60,3	4,2
		5 bars	211	423	28	42	37	621	1200			
		4 bars	195	389	22	33	29	440	1000			
NRS 10 RV 037	37	6,2 bars	188	375	42	62	54	824	1400	467	60,3	4,2
		5 bars	176	353	34	50	44	621	1200			
		4 bars	162	325	26	39	35	440	1000			
NRS 10 RV 047	47	6,2 bars	147	294	54	78	69	824	1400	467	60,3	4,2
		5 bars	138	277	43	64	57	621	1200			
		4 bars	127	255	33	50	44	440	1000			
NRS 10 RV 080	56	6,2 bars	123	246	64	94	83	824	1400	467	60,3	4,2
		5 bars	116	231	51	77	68	621	1200			
		4 bars	106	213	40	60	53	440	1000			
NRS 10 RV 071	71	6,2 bars	96	193	82	120	105	824	1400	467	60,3	4,2
		5 bars	91	181	65	98	86	621	1200			
		4 bars	83	167	50	76	67	440	1000			

For connection and lubrication, see page 73

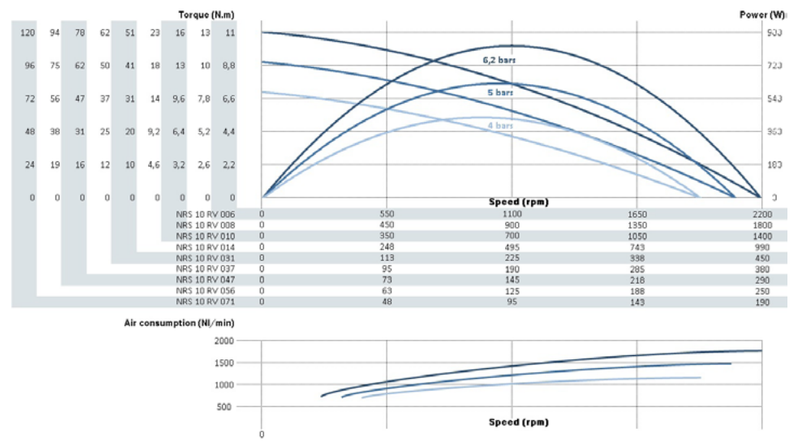
Data indicated in this table have an accuracy of +/- 5%

POWER, SPEED, TORQUE AND AIR CONSUMPTION GRAPHS

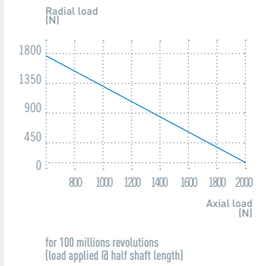
NRS 10 XT



NRS 10 RV



MAXIMUM RADIAL & AXIAL LOAD



NOTES

modec moteurs & solutions pneumatiques