MOTOR MRS 10
POWER 1000-1200 W

MRS 10 XT

MRS 10 RV

REDUCTION RATIO
(3 digits)
See table below

OPTIONS
(2 digits)
See table on right page

M 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

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

PERFORMANCES

MRS 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)
MRS 10 XT 006	6	6,2 bars	1190	2381	7,9	12	9,9	987	1600	258	60,3	3,1
		5 bars	1106	2213	6,4	10	8,2	736	1200			
		4 bars	1028	2057	5,0	7,9	6,5	538	1000			
MRS 10 XT 008	8	6,2 bars	994	1987	9,5	14	12	987	1600	258	60,3	3,1
		5 bars	923	1847	7,6	12	9,8	736	1200			
		4 bars	858	1717	6,0	9,5	7,8	538	1000			
MRS 10 XT 010	10	6,2 bars	779	1559	12	18	15	987	1600	258	60,3	3,1
		5 bars	724	1449	9,7	15	13	736	1200			
		4 bars	673	1347	7,6	12	9,9	538	1000			
MRS 10 XT 014	14	6,2 bars	544	1088	17	26	22	987	1600	258	60,3	3,1
		5 bars	506	1011	14	22	18	736	1200			
		4 bars	470	940	11	17	14	538	1000			
MRS 10 XT 031	31	6,2 bars	248	496	38	58	48	987	1600	285	60,3	3,4
		5 bars	230	461	30	48	39	736	1200			
		4 bars	214	428	24	38	31	538	1000			
MRS 10 XT 037	37	6,2 bars	207	414	46	69	57	987	1600	285	60,3	3,4
		5 bars	192	385	37	58	47	736	1200			
		4 bars	179	358	29	46	37	538	1000			
MRS 10 XT 047	47	6,2 bars	162	325	58	89	73	987	1600	285	60,3	3,4
		5 bars	151	302	47	73	60	736	1200			
		4 bars	140	281	37	58	48	538	1000			
MRS 10 XT 056	56	6,2 bars	136	271	70	106	87	987	1600	285	60,3	3,4
		5 bars	126	252	56	88	72	736	1200			
		4 bars	117	234	44	70	57	538	1000			
MRS 10 XT 071	71	6,2 bars	106	213	89	135	111	987	1600	285	60,3	3,4
		5 bars	99	198	71	112	92	736	1200			
		4 bars	92	184	56	89	73	538	1000			

MRS 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)
MRS 10 RV 006	6	6,2 bars	1233	2466	9,4	13	12	1218	1600	248,5	60,3	3,3
		5 bars	1158	2317	7,6	11	9,5	916	1300			
		4 bars	1089	2178	5,8	8,3	7,3	661	1000			
MRS 10 RV 008	8	6,2 bars	1029	2058	11	16	14	1218	1600	248,5	60,3	3,3
		5 bars	967	1934	9,0	13	11	916	1300			
		4 bars	909	1818	6,9	10	8,8	661	1000			
MRS 10 RV 010	10	6,2 bars	807	1615	14	20	18	1218	1600	248,5	60,3	3,3
		5 bars	759	1517	12	17	15	916	1300			
		4 bars	713	1426	8,9	13	11	661	1000			
MRS 10 RV 014	14	6,2 bars	564	1127	21	29	26	1218	1600	248,5	60,3	3,3
		5 bars	530	1059	17	24	21	916	1300			
		4 bars	498	996	13	18	16	661	1000			
MRS 10 RV 031	31	6,2 bars	257	514	45	64	56	1218	1600	275,5	60,3	3,6
		5 bars	241	483	36	52	46	916	1300			
		4 bars	227	454	28	40	35	661	1000			
MRS 10 RV 037	37	6,2 bars	214	429	54	77	68	1218	1600	275,5	60,3	3,6
		5 bars	201	403	43	62	55	916	1300			
		4 bars	189	379	33	48	42	661	1000			
MRS 10 RV 047	47	6,2 bars	168	336	69	98	86	1218	1600	275,5	60,3	3,6
		5 bars	158	316	55	80	70	916	1300			
		4 bars	149	297	43	61	54	661	1000			
MRS 10 RV 056	56	6,2 bars	140	281	83	117	103	1218	1600	275,5	60,3	3,6
		5 bars	132	264	66	95	84	916	1300			
		4 bars	124	248	51	73	64	661	1000			
MRS 10 RV 071	71	6,2 bars	110	220	106	149	132	1218	1600	275,5	60,3	3,6
		5 bars	103	207	85	121	107	916	1300			
		4 bars	97	195	65	93	82	661	1000			

For connection and lubrication, see page 73

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

OPTIONS AVAILABLE FOR THIS MOTOR

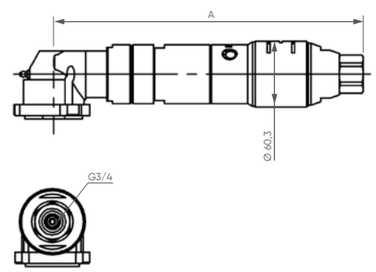
Code	00	01	02	03	04	05	06	07	09	10	12	13	14	15	16	17	18	19	21	22	29	30	31	32
Collected exhaust		●						●	●	●									●	●				
ATEX certification			●					●			●	●	●	●					●	●	●	●	●	●
Left/Right switch*				●							●				●	●					●	●		
Lubrication free					●				●			●			●		●		●		●		●	
Kit start						●				●			●			●		●		●		●		●
Speed control**							●							●			●	●					●	●

List of available accessories for this motor page 73

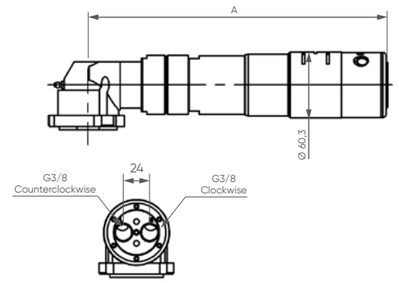
** Reversible motors only* *** Non reversible motors only*

LAYOUT

MRS 10 XT

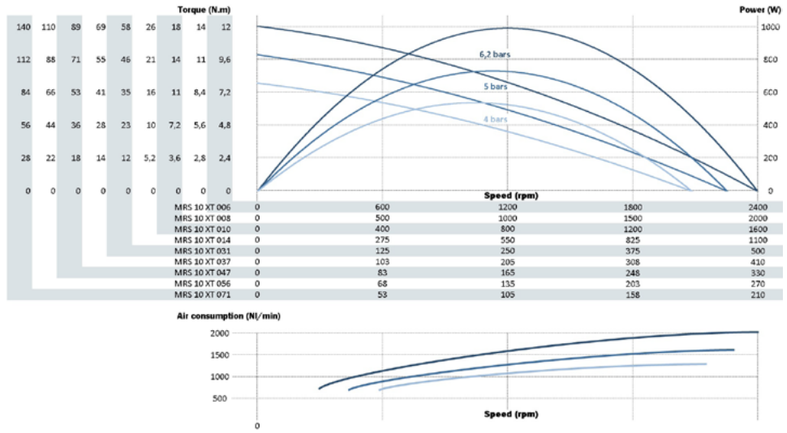


MRS 10 RV

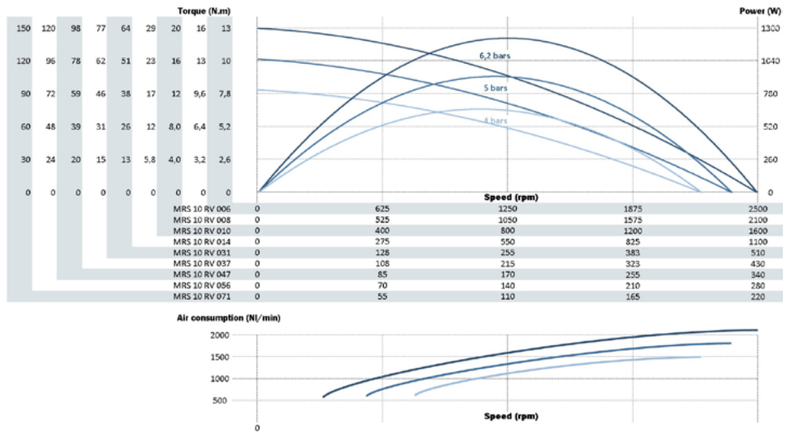


POWER, SPEED, TORQUE AND AIR CONSUMPTION GRAPHS

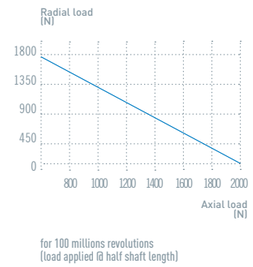
MRS 10 XT



MRS 10 RV



MAXIMUM RADIAL & AXIAL LOAD



NOTES

modec moteurs & solutions pneumatiques