



MAX POWER
2700 W
MAX TORQUE
920 Nm

Frequently **used in bolting applications with high torques**, the "25" series air motors are **often equipped with an angle drive head and a high flow control handle** to ensure they have the necessary power.

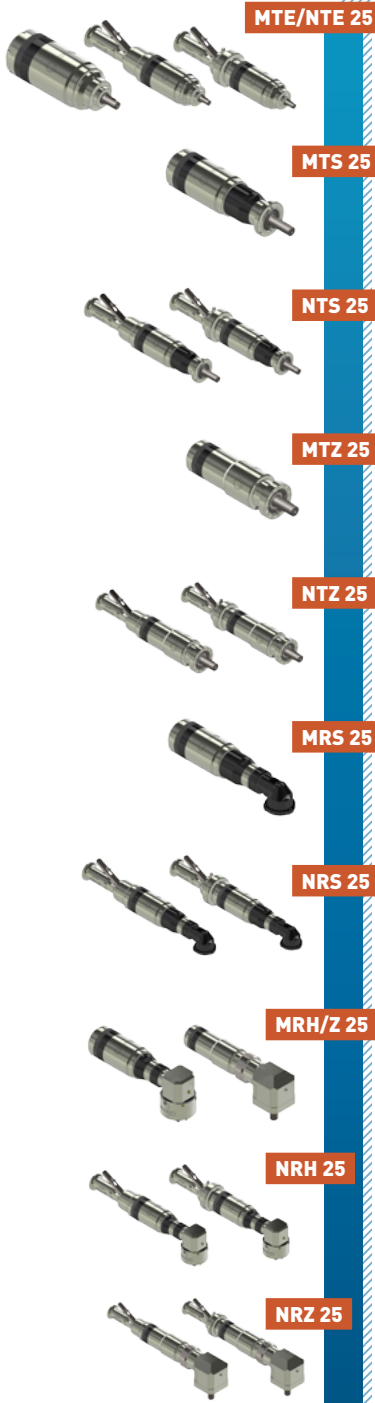
The "25" series air motors can be found on **lifting applications** with torques approaching 1000 Nm. or on **cutting applications** with speeds above 11000 rpm.

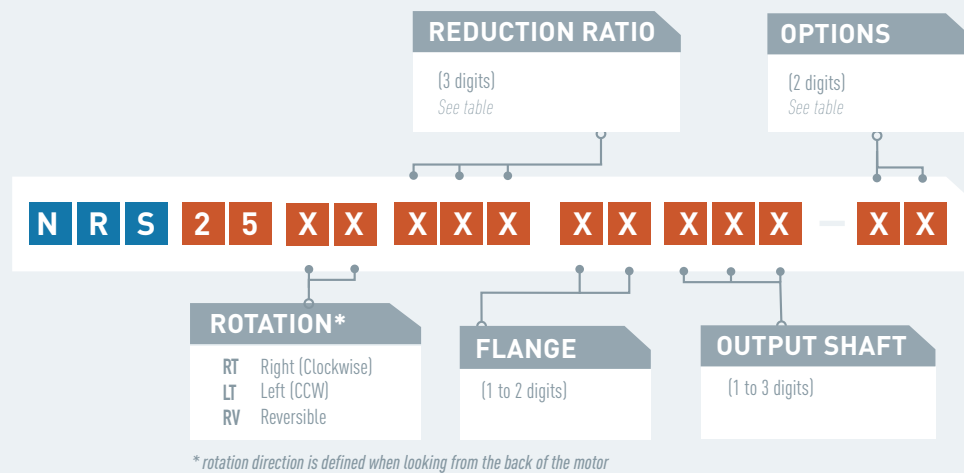
Their high power (2700W) does not prevent them from being **compact and light** (3 to 12 kg. depending on the chosen configuration) and very versatile.

+ ACCESSORIES FOR THIS MOTOR	Reference
Filtration, pressure Regulation and Lubrication unit (FRL)	AC108
Safety Air Treatment Box (SAT Box)	AC126
With Pedal remote control	AC127
With handle remote control	AC128
With remote emergency kill switch	AC129
With remote E-Stop and pedal remote control	AC130
With remote E-Stop and handle remote control	AC131
Maintenance kits	
Maintenance kit for "25" series	AC305
Maintenance kit for lube free "25" series	AC315
Maintenance kit for kit start "25" series	AC325
Exhaust collector kit for "25" series	AC342
modec Oil Co-16	AC149
Control handles	
Safety control handle for non reversible "25" series	AC412
Safety control handle for reversible "25" series	AC414
Progressive control handle for non reversible "25" series	AC407
Progressive control handle for reversible "25" series	AC410
Filters et silencers	
Metallic standard exhaust silencer	AC182
Metallic standard inlet silencer	AC181
Plastic standard exhaust silencer	AC153
Plastic standard inlet silencer	AC183
Heavy duty exhaust silencer	AC157
Heavy duty inlet silencer	AC155
High flow air muffler	AC160
Exhaust silencer filter	AC185
Speed control muffler	AC174

CONNECTION AND LUBRIFICATION				
	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
	10 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





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

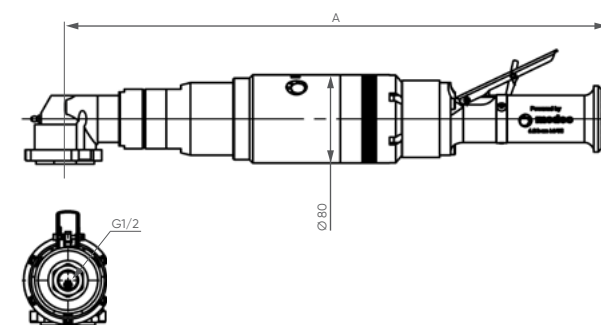
NRS 25 XT	Reduction ratio	Air supply pressure	Speed (rpm)		Torque (N.m)			Max Power (W)	Air cons (Nl/min)	Dimensions		
Air motor reference			@ max Power	Free	@ max Power	Max (stall)	Starting torque			A (mm)	Ø (mm)	Weight (kg)
NRS 25 XT 005	5,5	6,2 bars	1030	2060	25	40	35	2664	2800	461,5	80	6,0
		5 bars	953	1907	20	32	28	2035	2300			
		4 bars	883	1765	17	25	22	1549	1800			
NRS 25 XT 006	6,4	6,2 bars	895	1790	28	46	40	2664	2800	461,5	80	6,0
		5 bars	828	1657	23	37	33	2035	2300			
		4 bars	767	1534	19	29	26	1549	1800			
NRS 25 XT 008	8	6,2 bars	747	1494	34	55	48	2664	2800	461,5	80	6,0
		5 bars	691	1383	28	44	39	2035	2300			
		4 bars	640	1280	23	35	31	1549	1800			
NRS 25 XT 010	10	6,2 bars	586	1172	43	70	62	2664	2800	461,5	80	6,0
		5 bars	542	1085	36	56	50	2035	2300			
		4 bars	502	1004	29	45	39	1549	1800			
NRS 25 XT 014	14	6,2 bars	409	818	62	100	88	2664	2800	461,5	80	6,0
		5 bars	379	757	51	81	71	2035	2300			
		4 bars	351	701	42	64	56	1549	1800			
NRS 25 XT 023	23	6,2 bars	247	494	103	166	146	2664	2800	493,5	80	6,4
		5 bars	229	457	85	134	118	2035	2300			
		4 bars	212	423	70	106	93	1549	1800			

NRS 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)
NRS 25 RV 005	5,5	6,2 bars	920	1841	23	33	29	2256	2700	472,5	80	6,2
		5 bars	861	1721	19	28	24	1717	2200			
		4 bars	810	1621	15	23	20	1299	1700			
NRS 25 RV 006	6,4	6,2 bars	800	1599	27	38	34	2256	2700	472,5	80	6,2
		5 bars	748	1495	22	32	28	1717	2200			
		4 bars	704	1408	18	26	23	1299	1700			
NRS 25 RV 008	8	6,2 bars	667	1335	32	46	40	2256	2700	472,5	80	6,2
		5 bars	624	1248	26	38	34	1717	2200			
		4 bars	588	1175	21	32	28	1299	1700			
NRS 25 RV 010	10	6,2 bars	524	1047	41	58	51	2256	2700	472,5	80	6,2
		5 bars	490	979	33	49	43	1717	2200			
		4 bars	461	922	27	40	36	1299	1700			
NRS 25 RV 014	14	6,2 bars	366	731	59	84	74	2256	2700	472,5	80	6,2
		5 bars	342	684	48	70	61	1717	2200			
		4 bars	322	644	39	58	51	1299	1700			
NRS 25 RV 023	23	6,2 bars	221	441	98	139	122	2256	2700	504,5	80	6,6
		5 bars	206	413	79	115	101	1717	2200			
		4 bars	194	389	64	96	84	1299	1700			

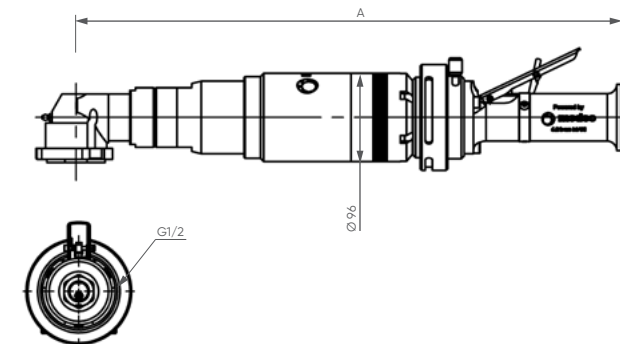
Data indicated in this table have an accuracy of +/- 5%

OPTIONS AVAILABLE FOR THE NRS 25 XT												OPTIONS AVAILABLE FOR THE NRS 25 RV								
Collected exhaust		▶				▶	▶	▶			▶	▶	ATEX certification		▶				▶	▶
ATEX certification			▶				▶		▶	▶	▶	▶	Left/Right switch	▶	▶	▶	▶	▶	▶	▶
Lubrication free				▶				▶	▶		▶	▶	Lubrication free			▶		▶	▶	▶
Kit start					▶				▶		▶	▶	Kit start				▶			▶
Code	00	01	02	04	05	07	09	10	13	14	21	22	Code	03	12	16	17	29	30	

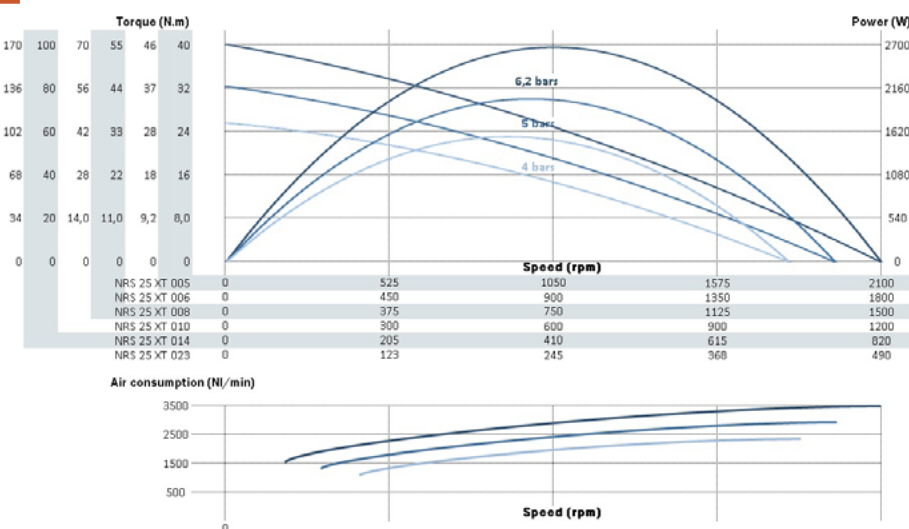
NRS 25 XT



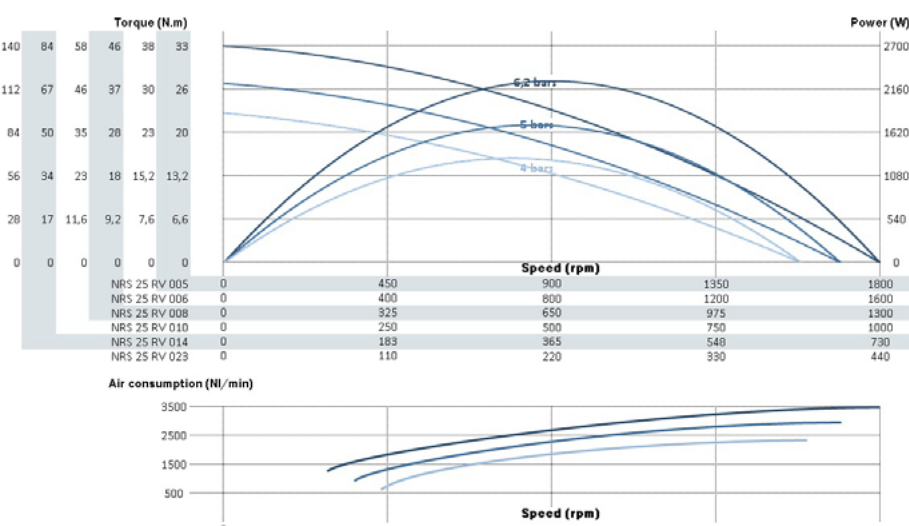
NRS 25 RV



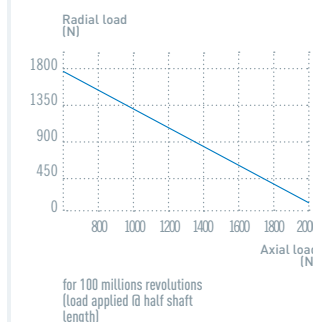
NRS 25 XT



NRS 25 RV



MAXIMUM RADIAL & AXIAL LOAD



NOTES

FLANGES

GROUP VII

XRH 05

XRH 07

XRS 08

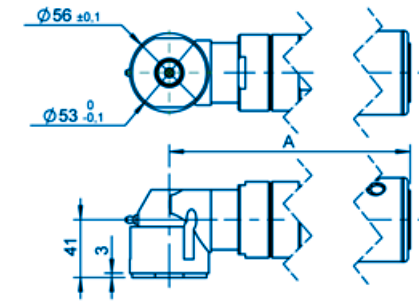
XRS 10

XRS 20

XRS 25

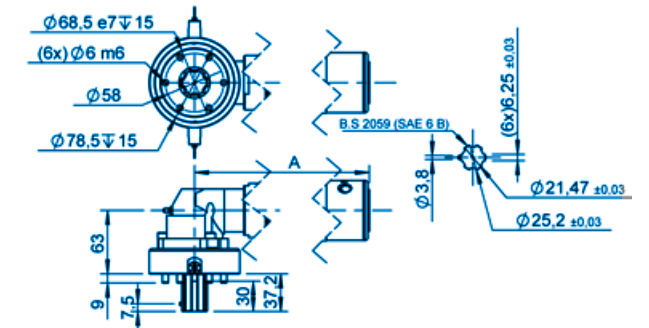
GROUP VII

FLANGE AF



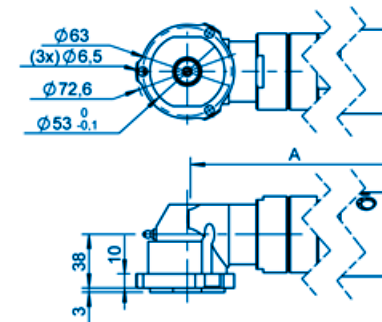
GROUP VII

FLANGE AG WITH SHAFT 013



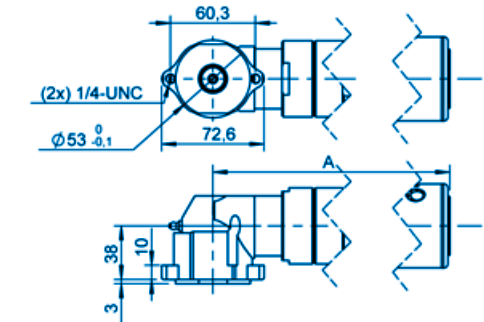
GROUP VII

FLANGE B



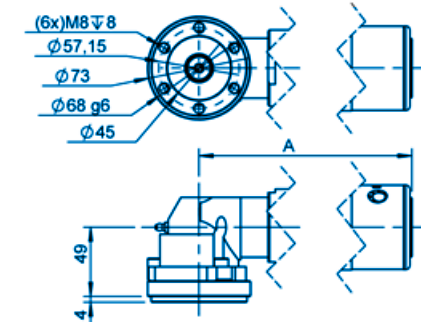
GROUP VII

FLANGE E



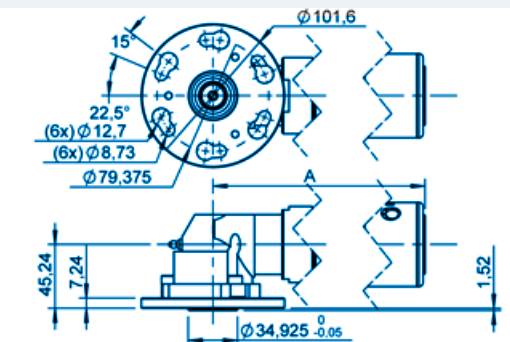
GROUP VII

FLANGE M



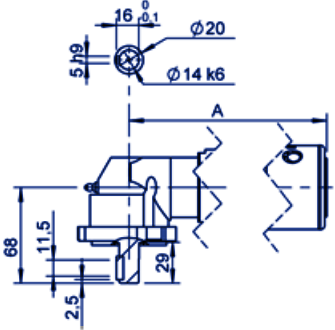
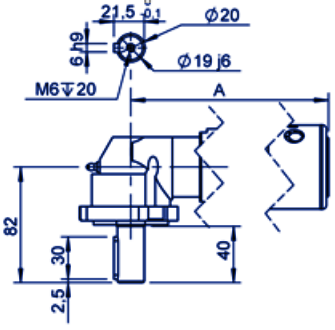
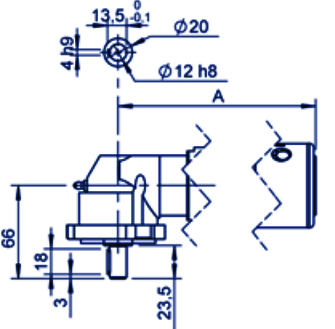
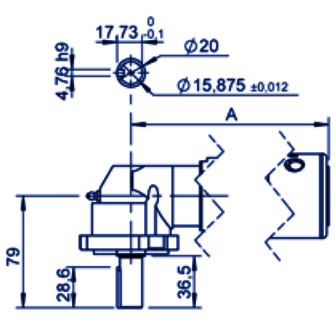
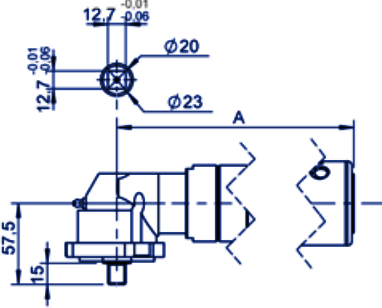
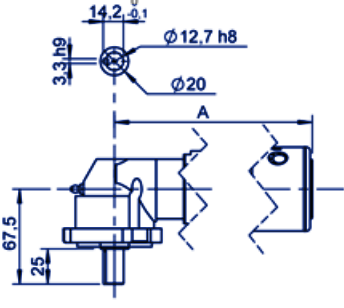
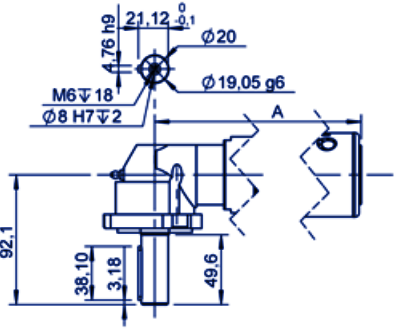
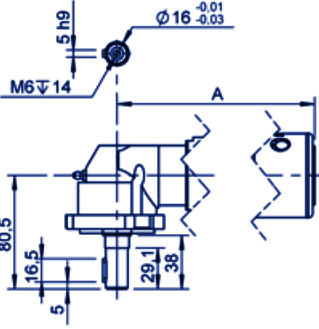
GROUP VII

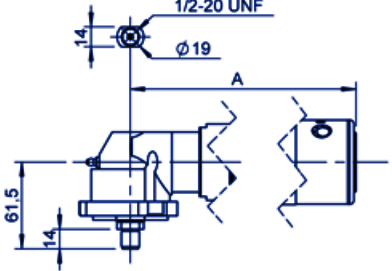
FLANGE Q



You didn't find
your match ?

Contact us !

SHAFTS GROUP VII (1/2)		XRH 05	XRH 07	XRS 08	XRS 10	XRS 20	XRS 25
GROUP VII SHAFT 021 - KEYED Ø14							
GROUP VII SHAFT C12 - KEYED Ø19							
GROUP VII SHAFT C13 - KEYED Ø12							
GROUP VII SHAFT C14 - KEYED Ø5/8"							
GROUP VII SHAFT CA1 - SQUARE 1/2"							
GROUP VII SHAFT CL1 - KEYED Ø1/2"							
GROUP VII SHAFT CL2 - KEYED Ø3/4"							
GROUP VII SHAFT CL6 - KEYED Ø16							

SHAFTS GROUP VII (2/2)		XRH 05	XRH 07	XRS 08	XRS 10	XRS 20	XRS 25
GROUP VII SHAFT FI1 - THREADED Ø1/2"							
You didn't find your match ?		Contact us !					