

MAX POWER
480 W
MAX TORQUE
640 Nm

"07" series air motors are **much appreciated in pharmacy, chemistry and food processing industries**. Sealed and **made of stainless steel**, they are **waterproof, resistant to corrosive products** and their exhaust is collected so that there is **no risk of pollution**.

Like any of our air motors, "07" series air motors **can be used without lubrication** on demand in order to reduce even more any risk of oil exhaust.

Although they have a minimal size and weight, they **can develop up to 480W**.

+ ACCESSORIES FOR THIS MOTOR		Reference
Filtration, pressure Regulation and Lubrication unit (FRL)		AC106
Safety Air Treatment Box (SAT Box)		AC118
With Pedal remote control		AC119
With handle remote control		AC120
With remote emergency kill switch		AC125
With remote E-Stop and pedal remote control		AC121
With remote E-Stop and handle remote control		AC122
Maintenance kits		
Maintenance kit for "07" series		AC301
Maintenance kit for lube free "07" series		AC311
Maintenance kit for kit start "07" series		AC321
modec Oil Co-16		AC149
Filters and silencers		
Metallic standard exhaust silencer		AC168
Metallic standard inlet silencer		AC180
Plastic standard exhaust silencer		AC166
Plastic standard inlet silencer		AC150
Heavy duty exhaust silencer		AC167
Heavy duty inlet silencer		AC154
Speed control muffler		AC171
High flow air muffler		AC158
Exhaust silencer filter		AC165

CONNECTION AND LUBRICATION					
	Min. fittings Ø		Min. pipe Ø		Lubrification (6,2 bars)
	In	Out	In	Out	
	5 mm / 0,2 In	7 mm / 0,3 In	6 mm / 0,2 In	9 mm / 0,4 In	3 drops / minute

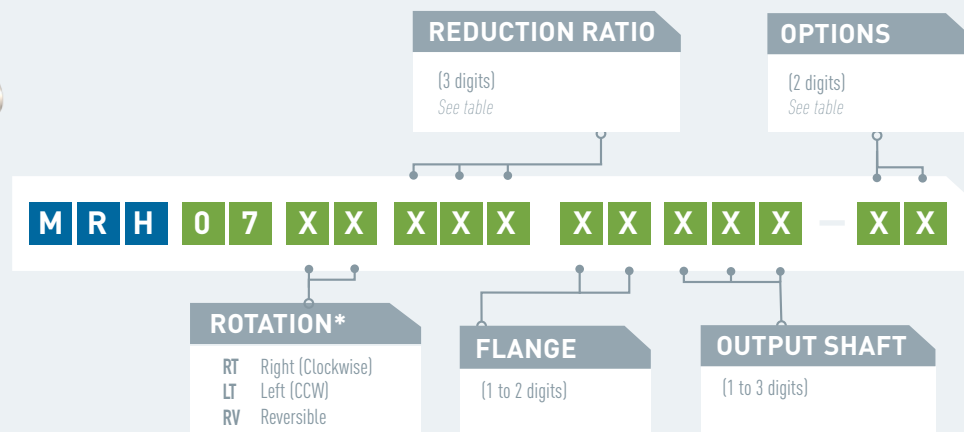
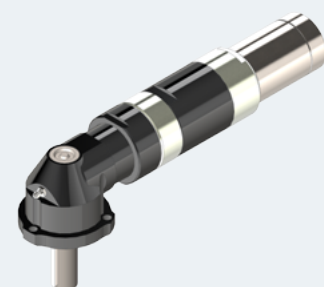
CONVERSION TABLE		
Watt ➤ Horse power	Newton meter ➤ Pound feet	Millimeter ➤ Inch
Watt x 0.001341 = hp	Nm x 0,7376 = lb.ft	mm x 0,03937 = in
Bar ➤ Pound per square Inch	Normo Liter / minute ➤ Standard cubic feet per minute	Kilogram ➤ Pound
Bar x 14,5 = psi	NL / min x 0,03531 = scfm	Kg x 2,205 = lb



MOTOR MRH 07

POWER 360-440 W

MRH 07



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

PERFORMANCES

MRH 07 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)
MRH 07 XT 47	47	6,2 bars	165	331	25	40	35	441	700	242,5	54	3,1
		5 bars	149	299	22	33	29	338	600			
		4 bars	133	267	18	27	24	258	500			
MRH 07 XT 56	56	6,2 bars	138	276	30	48	42	441	700	242,5	54	3,1
		5 bars	125	249	26	40	35	338	600			
		4 bars	111	223	22	32	28	258	500			
MRH 07 XT 67	67	6,2 bars	116	231	36	57	50	441	700	242,5	54	3,1
		5 bars	104	208	31	48	42	338	600			
		4 bars	93	186	26	39	34	258	500			
MRH 07 XT 80	80	6,2 bars	96	193	44	68	60	441	700	242,5	54	3,1
		5 bars	87	174	37	57	50	338	600			
		4 bars	78	156	32	46	41	258	500			
MRH 07 XT 102	102	6,2 bars	76	151	56	87	77	441	700	242,5	54	3,1
		5 bars	68	137	47	73	64	338	600			
		4 bars	61	122	40	59	52	258	500			
MRH 07 XT 147	147	6,2 bars	53	105	80	125	110	441	700	266,5	54	3,4
		5 bars	48	95	68	105	92	338	600			
		4 bars	42	85	58	85	74	258	500			
MRH 07 XT 176	176	6,2 bars	44	88	96	150	132	441	700	266,5	54	3,4
		5 bars	40	79	81	126	111	338	600			
		4 bars	35	71	69	101	89	258	500			

MRH 07 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)
MRH 07 RV 47	47	6,2 bars	141	281	24	35	31	356	700	242,5	54	3,1
		5 bars	127	255	20	29	25	271	600			
		4 bars	113	227	17	23	21	202	500			
MRH 07 RV 56	56	6,2 bars	117	235	29	42	37	356	700	242,5	54	3,1
		5 bars	106	213	24	35	31	271	600			
		4 bars	95	189	20	28	25	202	500			
MRH 07 RV 67	67	6,2 bars	98	196	35	50	44	356	700	242,5	54	3,1
		5 bars	89	178	29	41	36	271	600			
		4 bars	79	158	24	33	29	202	500			
MRH 07 RV 80	80	6,2 bars	82	164	41	60	53	356	700	242,5	54	3,1
		5 bars	74	148	35	50	44	271	600			
		4 bars	66	132	29	40	35	202	500			
MRH 07 RV 102	102	6,2 bars	64	129	53	77	68	356	700	242,5	54	3,1
		5 bars	58	116	45	63	56	271	600			
		4 bars	52	104	37	51	45	202	500			
MRH 07 RV 147	147	6,2 bars	45	89	76	110	97	356	700	266,5	54	3,4
		5 bars	41	81	64	91	80	271	600			
		4 bars	36	72	54	73	64	202	500			
MRH 07 RV 176	176	6,2 bars	37	75	91	132	116	356	700	266,5	54	3,4
		5 bars	34	68	77	109	96	271	600			
		4 bars	30	60	64	88	77	202	500			

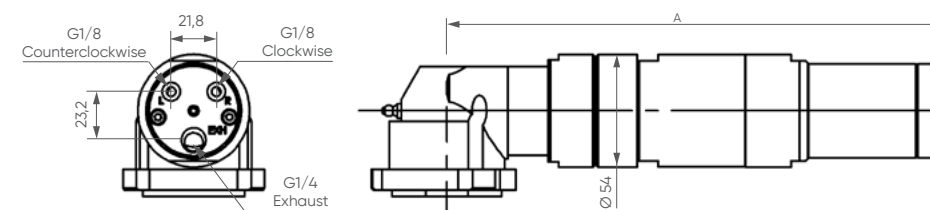
Data indicated in this table have an accuracy of +/- 5%

OPTIONS AVAILABLE FOR THIS MOTOR

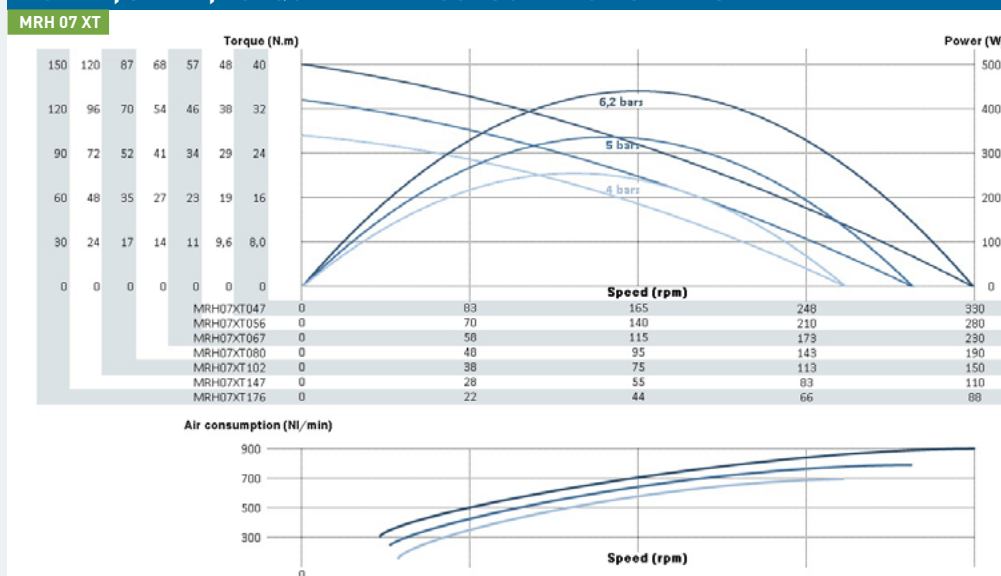
Collected exhaust	01	07	09	10	21	22
ATEX certification						
Lubrication free						
Kit start						
Code	01	07	09	10	21	22

LAYOUT

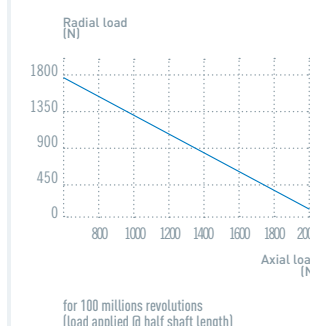
MRH 07



POWER, SPEED, TORQUE AND AIR CONSUMPTION GRAPHS



MAXIMUM RADIAL & AXIAL LOAD



NOTES

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

FLANGES

GROUP VII

XRH 05

XRH 07

XRS 08

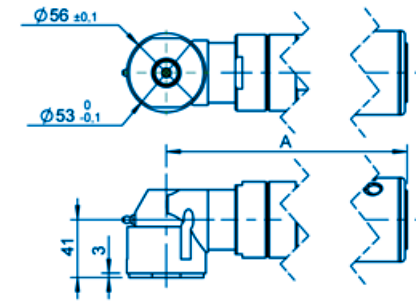
XRS 10

XRS 20

XRS 25

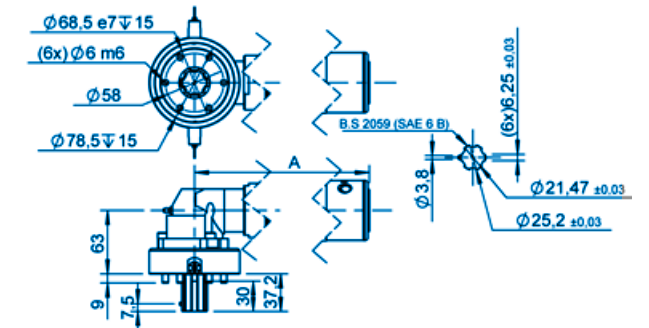
GROUP VII

FLANGE AF



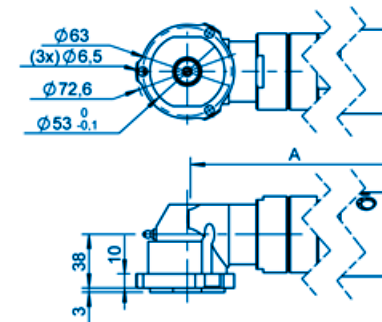
GROUP VII

FLANGE AG WITH SHAFT 013



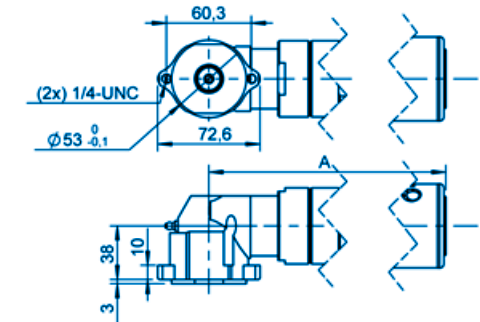
GROUP VII

FLANGE B



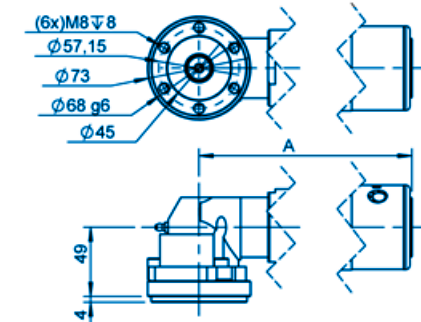
GROUP VII

FLANGE E



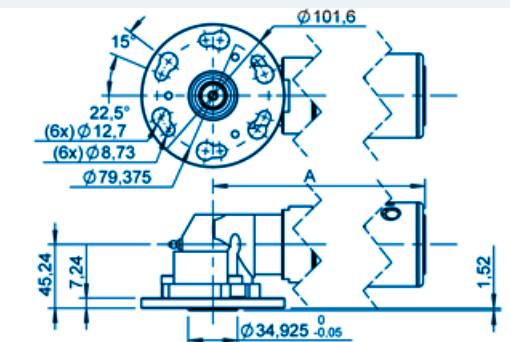
GROUP VII

FLANGE M



GROUP VII

FLANGE Q



You didn't find
your match ?

Contact us !

SHAFTS

GROUP VII (1/2)

XRH 05

XRH 07

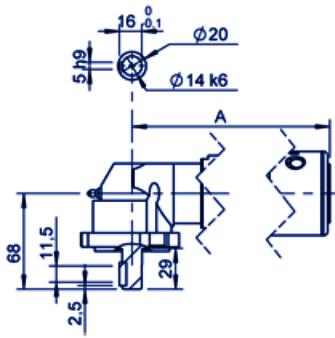
XRS 08

XRS 10

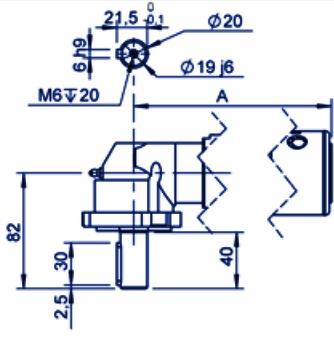
XRS 20

XRS 25

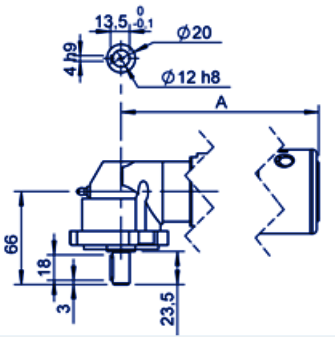
GROUP VII SHAFT 021 - KEYED Ø14



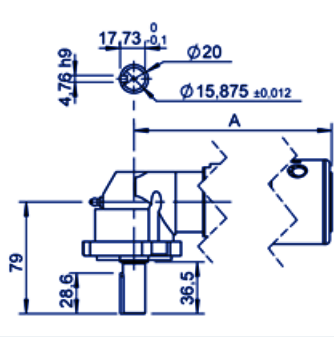
GROUP VII SHAFT C12 - KEYED Ø19



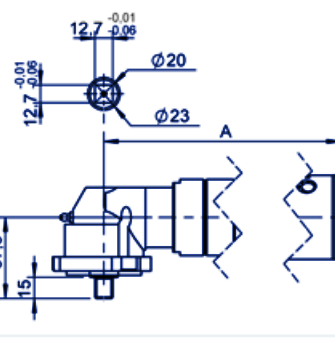
GROUP VII SHAFT C13 - KEYED Ø12



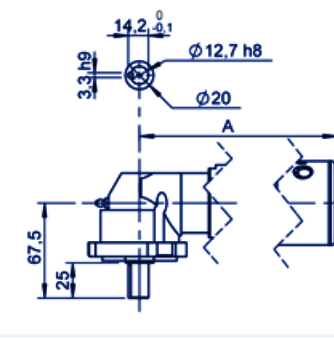
GROUP VII SHAFT C14 - KEYED Ø5/8"



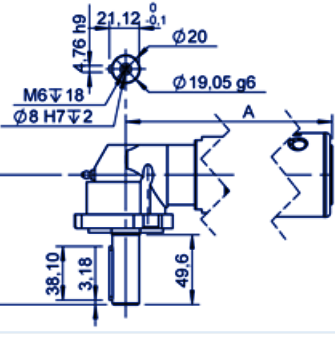
GROUP VII SHAFT CA1 - SQUARE 1/2"



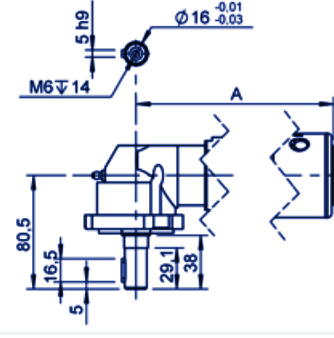
GROUP VII SHAFT CL1 - KEYED Ø1/2"



GROUP VII SHAFT CL2 - KEYED Ø3/4"



GROUP VII SHAFT CL6 - KEYED Ø16



SHAFTS

GROUP VII (2/2)

XRH 05

XRH 07

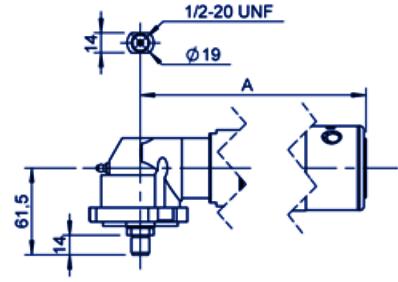
XRS 08

XRS 10

XRS 20

XRS 25

GROUP VII SHAFT FI1 - THREADED Ø1/2"



You didn't find your match ?

Contact us !