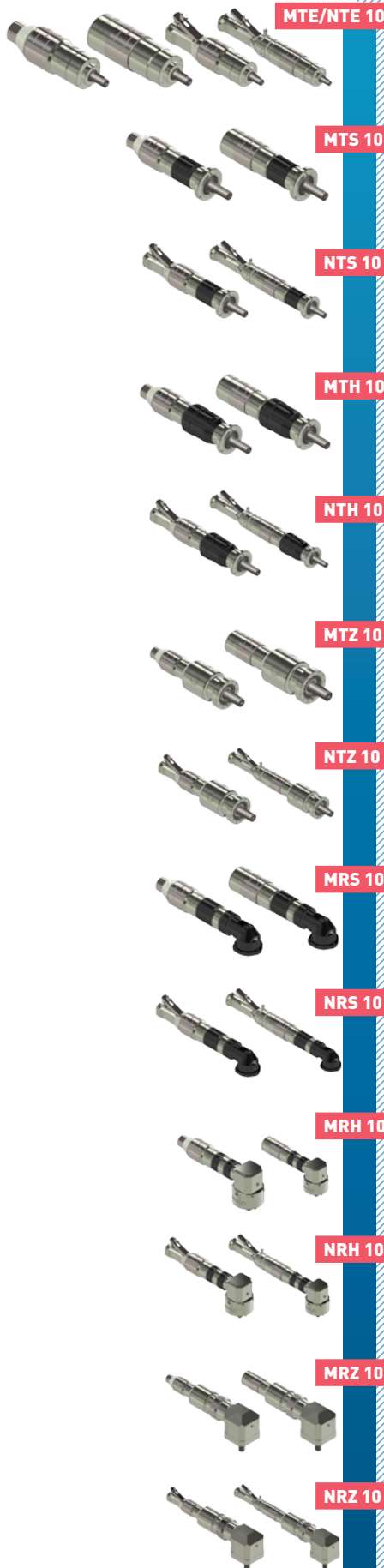


MAX POWER
1300 W
MAX TORQUE
1000 Nm

Powerful and compact, "10" series air motors can develop more than 1200 W and weigh only 2kg for a 60 mm diameter and a total length that can be as short as 155 mm. This makes it one of the highest power-to-weight ratio air motor on the market.

Available in 4 families (Easy, Standard, Heavy and Super heavy duty) with several types of gearboxes and right angle heads, it can develop up to 1000 Nm torque.

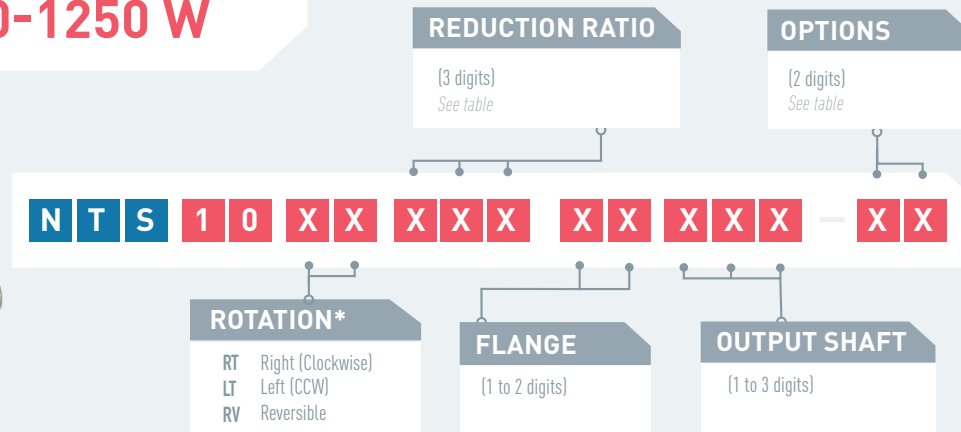
The wide variety of flanges and shafts allows the "10" range air motors to be easily fitted to any machine for a wide range of applications.



+	ACCESSORIES FOR THIS MOTOR	Reference
	Filtration, pressure Regulation and Lubrication unit (FRL)	AC107
	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 "10 XT" series	AC303
	Maintenance kit for "10 RV" series	AC308
	Maintenance kit for lube free "10 XT" series	AC313
	Maintenance kit for lube free "10 RV" series	AC318
	Maintenance kit for kit start "10 XT" series	AC323
	Maintenance kit for kit start "10 RV" series	AC328
	Exhaust collector kit for "10" series	AC340
	modec Oil Co-16	AC149
	Control handles	
	Safety control handle for non reversible "10" series	AC406
	Safety control handle for reversible "10" series	AC404
	Progressive control handle for non reversible "10" series	AC400
	Progressive control handle for reversible "10" series	AC408
	Filters and silencers	
	Metallic standard silencer	AC182
	Metallic standard inlet silencer (RV)	AC181
	Plastic standard silencer	AC152
	Plastic standard inlet silencer (RV)	AC183
	Heavy duty silencer	AC156
	Heavy duty inlet silencer (RV)	AC155
	High flow air muffler	AC158
	Exhaust silencer filter	AC165
	Speed control muffler	AC174

CONNECTION AND LUBRICATION				
	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
	6 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

PERFORMANCES

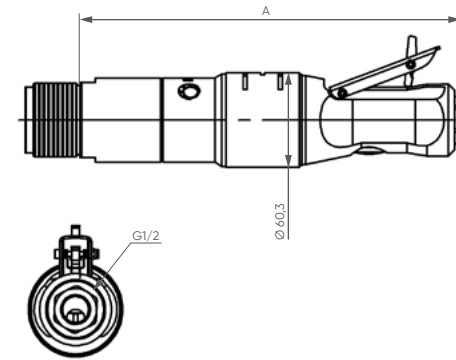
NTS 10 XT			Speed (rpm)		Torque (N.m)					Dimensions		
Air motor reference	Reduction ratio	Air supply pressure	@ max Power	Free	@ max Power	Max (stall)	Starting torque	Max Power (W)	Air cons (Nl/min)	A (mm)	Ø (mm)	Weight (kg)
NTS 10 XT 005	5	6,2 bars	1925	3851	6,2	10	8,1	1243	1600	218,5	60,3	2,1
		5 bars	1774	3548	5,0	8,0	6,5	936	1300			
		4 bars	1634	3269	4,0	6,3	5,2	682	1000			
NTS 10 XT 006	6	6,2 bars	1607	3214	7,4	12	9,7	1243	1600	218,5	60,3	2,1
		5 bars	1481	2962	6,0	9,5	7,8	936	1300			
		4 bars	1364	2728	4,8	7,6	6,2	682	1000			
NTS 10 XT 007	7	6,2 bars	1261	2522	9	15	12	1243	1600	218,5	60,3	2,1
		5 bars	1162	2324	7,7	12	10	936	1300			
		4 bars	1070	2140	6,1	9,7	7,9	682	1000			
NTS 10 XT 011	11	6,2 bars	880	1760	13	21	18	1243	1600	218,5	60,3	2,1
		5 bars	811	1622	11	17	14	936	1300			
		4 bars	747	1494	8,7	14	11	682	1000			
NTS 10 XT 023	23	6,2 bars	401	802	30	47	39	1243	1600	245,5	60,3	2,3
		5 bars	370	739	24	38	31	936	1300			
		4 bars	340	681	19	30	25	682	1000			
NTS 10 XT 028	28	6,2 bars	335	670	35	57	46	1243	1600	245,5	60,3	2,3
		5 bars	309	617	29	46	37	936	1300			
		4 bars	284	568	23	36	30	682	1000			
NTS 10 XT 035	35	6,2 bars	263	525	45	72	59	1243	1600	245,5	60,3	2,3
		5 bars	242	484	37	58	48	936	1300			
		4 bars	223	446	29	46	38	682	1000			
NTS 10 XT 042	42	6,2 bars	219	439	54	86	71	1243	1600	245,5	60,3	2,3
		5 bars	202	404	44	70	57	936	1300			
		4 bars	186	372	35	56	46	682	1000			
NTS 10 XT 054	54	6,2 bars	172	344	69	110	90	1243	1600	245,5	60,3	2,3
		5 bars	159	317	56	89	73	936	1300			
		4 bars	146	292	45	71	58	682	1000			
NTS 10 XT 077	77	6,2 bars	120	240	99	158	129	1243	1600	245,5	60,3	2,3
		5 bars	111	221	81	127	105	936	1300			
		4 bars	102	204	64	102	83	682	1000			
NTS 10 RV			Speed (rpm)		Torque (N.m)					Dimensions		
Air motor reference	Reduction ratio	Air supply pressure	@ max Power	Free	@ max Power	Max (stall)	Starting torque	Max Power (W)	Air cons (Nl/min)	A (mm)	Ø (mm)	Weight (kg)
NTS 10 RV 005	5	6,2 bars	1506	3011	6,0	8,4	7,4	944	1400	348	60,3	2,7
		5 bars	1406	2813	4,8	6,9	6,1	707	1200			
		4 bars	1304	2608	3,8	5,4	4,7	512	1000			
NTS 10 RV 006	6	6,2 bars	1257	2514	7,2	10	8,9	944	1400	348	60,3	2,7
		5 bars	1174	2348	5,8	8,2	7,3	707	1200			
		4 bars	1089	2177	4,5	6,4	5,7	512	1000			
NTS 10 RV 007	7	6,2 bars	986	1972	9	13	11	944	1400	348	60,3	2,7
		5 bars	921	1842	7,3	11	9,2	707	1200			
		4 bars	854	1708	5,7	8,2	7,2	512	1000			
NTS 10 RV 011	11	6,2 bars	688	1376	13	18	16	944	1400	348	60,3	2,7
		5 bars	643	1286	11	15	13	707	1200			
		4 bars	596	1192	8	12	10	512	1000			
NTS 10 RV 023	23	6,2 bars	314	627	29	40	35	944	1400	375	60,3	2,9
		5 bars	293	586	23	33	29	707	1200			
		4 bars	272	543	18	26	23	512	1000			
NTS 10 RV 028	28	6,2 bars	262	524	34	48	42	944	1400	375	60,3	2,9
		5 bars	245	489	28	40	35	707	1200			
		4 bars	227	454	22	31	27	512	1000			
NTS 10 RV 035	35	6,2 bars	205	411	44	62	54	944	1400	375	60,3	2,9
		5 bars	192	384	35	50	44	707	1200			
		4 bars	178	356	28	39	35	512	1000			
NTS 10 RV 042	42	6,2 bars	171	343	53	74	65	944	1400	375	60,3	2,9
		5 bars	160	320	42	60	53	707	1200			
		4 bars	149	297	33	47	41	512	1000			
NTS 10 RV 054	54	6,2 bars	135	269	67	94	83	944	1400	375	60,3	2,9
		5 bars	126	251	54	77	68	707	1200			
		4 bars	117	233	42	60	53	512	1000			
NTS 10 RV 077	77	6,2 bars	94	188	96	135	118	944	1400	375	60,3	2,9
		5 bars	88	175	77	110	97	707	1200			
		4 bars	81	163	60	86	76	512	1000			

Data indicated in this table have an accuracy of $\pm 5\%$

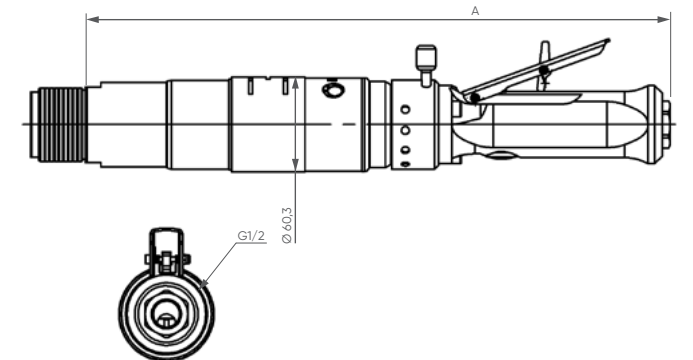
[illegible]

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

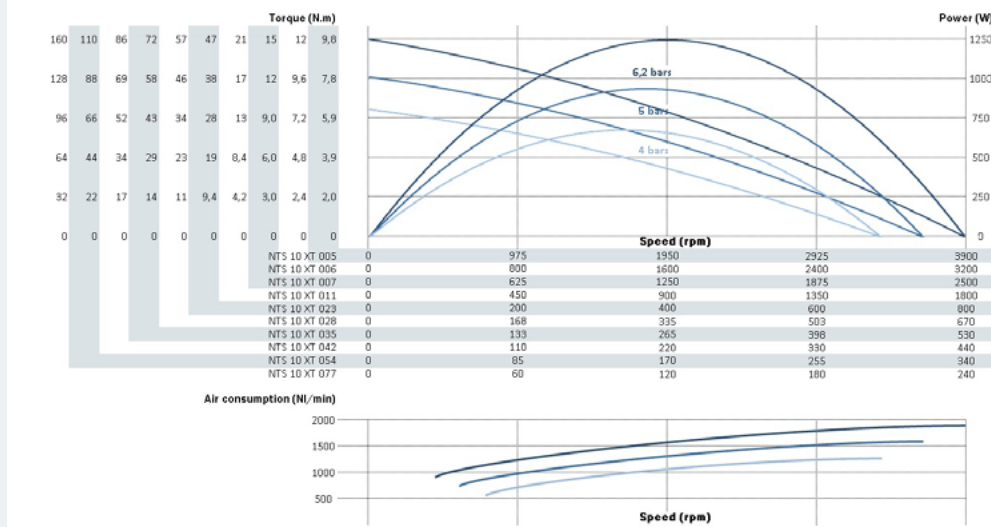
NTS 10 XT



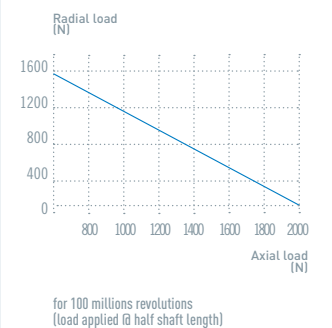
NTS 10 RV



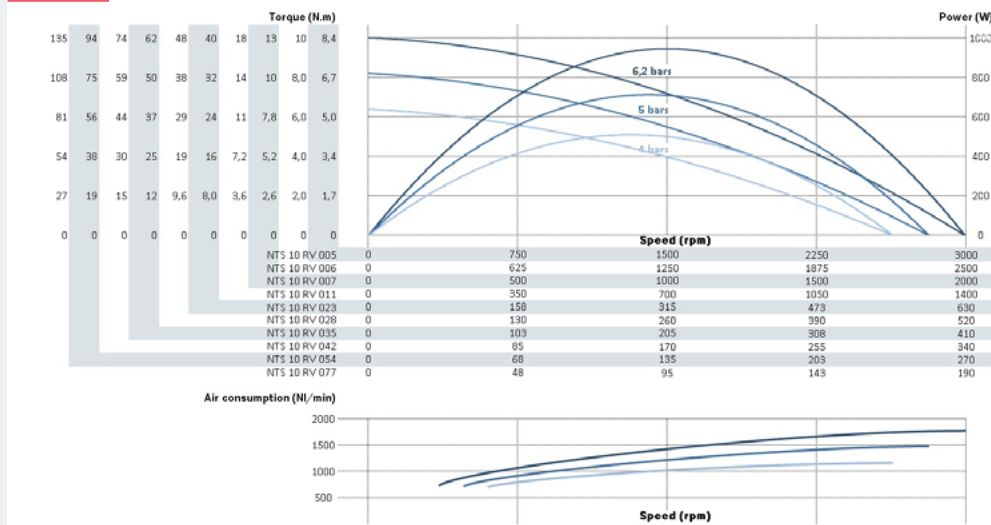
NTS 10 XT



MAXIMUM RADIAL & AXIAL LOAD



NOTES



FLANGES **GROUP IV** (1/3)

XTH 05 XTH 07 XTS 08 XTH 08 XTS 10 XTH 10 XTS 20 XTS 25

GROUP IV FLANGE AB - IEC63B14

GROUP IV FLANGE AC - IEC71B5

GROUP IV FLANGE AF

GROUP IV FLANGE AH

GROUP IV FLANGE AS

GROUP IV FLANGE AX - ARP

GROUP IV FLANGE B

GROUP IV FLANGE B0

FLANGES **GROUP IV** (2/3)

XTH 05 XTH 07 XTS 08 XTH 08 XTS 10 XTH 10 XTS 20 XTS 25

GROUP IV FLANGE F

GROUP IV FLANGE FH

GROUP IV FLANGE FJ - IEC80B14

GROUP IV FLANGE J

GROUP IV FLANGE L

GROUP IV FLANGE M

GROUP IV FLANGE N

GROUP IV FLANGE Q

FLANGES **GROUP IV** (3/3)

XTH 05

XTH 07

XTS 08

XTH 08

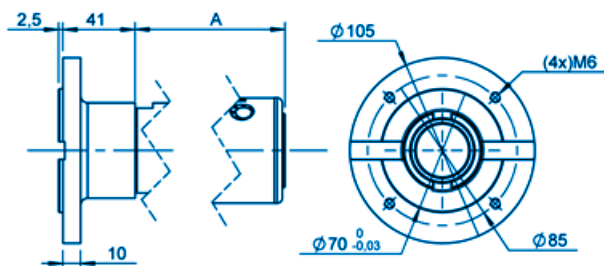
XTS 10

XTH 10

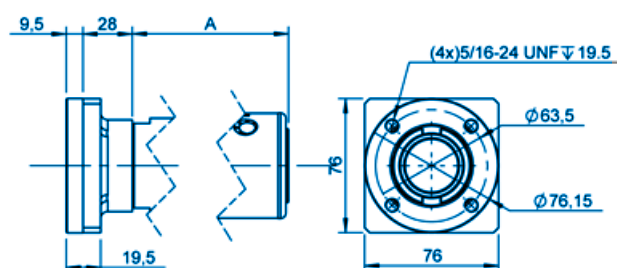
XTS 20

XTS 25

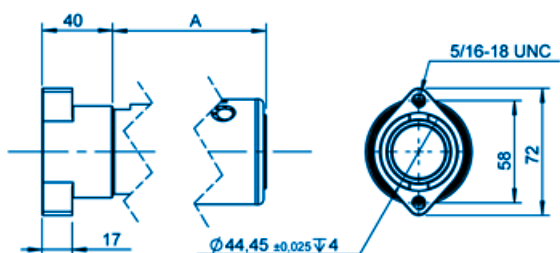
GROUP IV FLANGE R - IEC71B14



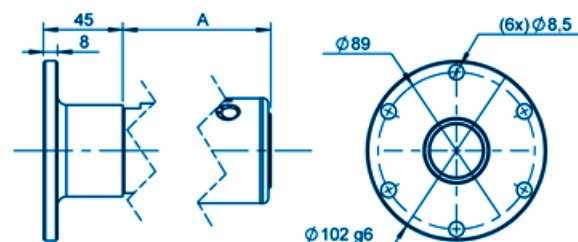
GROUP IV FLANGE S



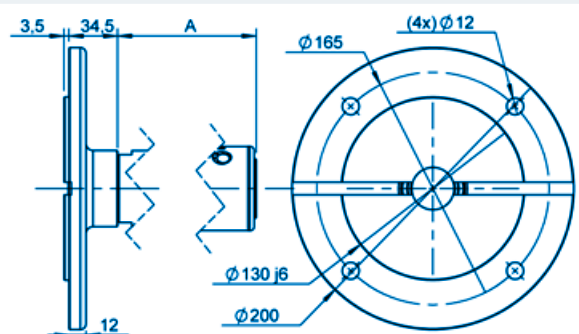
GROUP IV FLANGE U



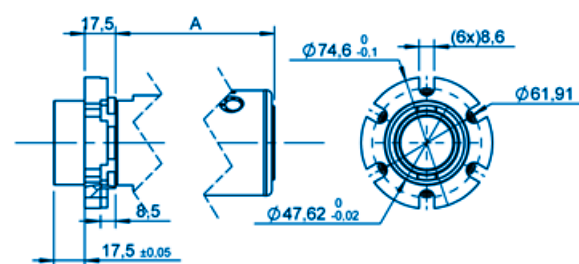
GROUP IV FLANGE V



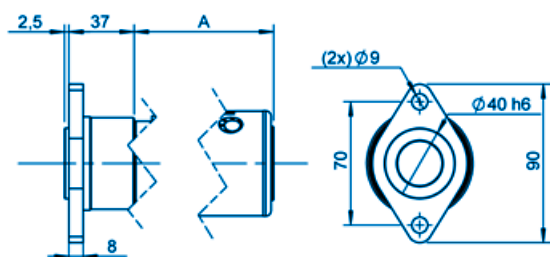
GROUP IV FLANGE W - IEC80B5



GROUP IV FLANGE Y



GROUP IV FLANGE Z



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SHAFTS **GROUP IV** (1/3)

XTH 05

XTH 07

XTS 08

XTH 08

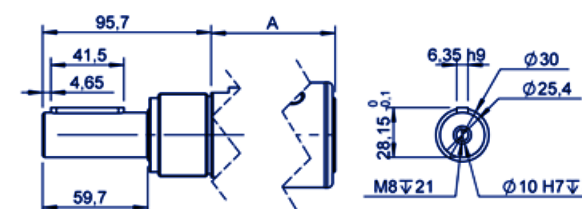
XTS 10

XTH 10

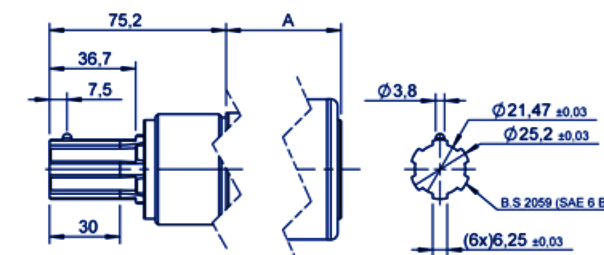
XTS 20

XTS 25

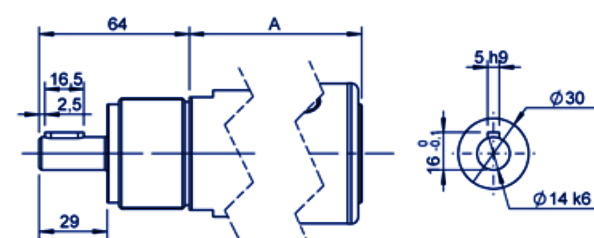
GROUP IV SHAFT 007 - KEYED Ø1"



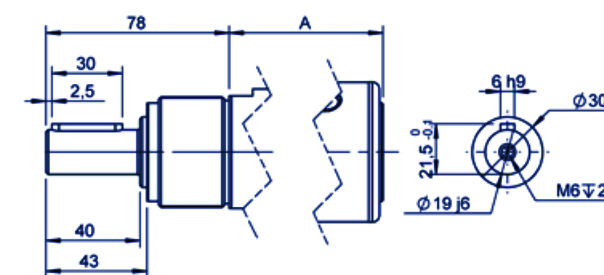
GROUP IV SHAFT 019 - SPLINED ARP



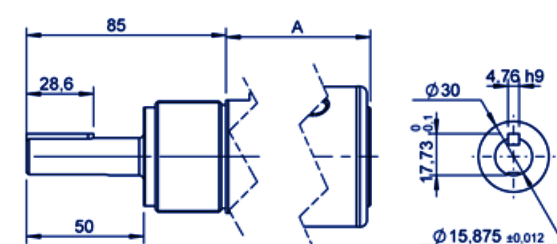
GROUP IV SHAFT C11 - KEYED Ø14 - IEC71B5 - IEC71B14



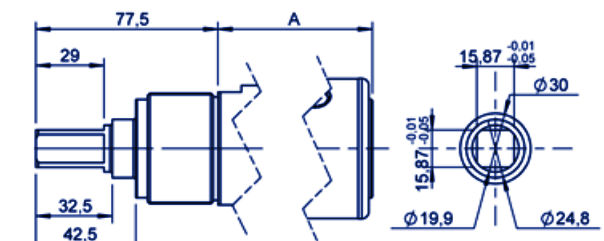
GROUP IV SHAFT C12 - KEYED Ø19 - IEC80B5 - IEC80B14



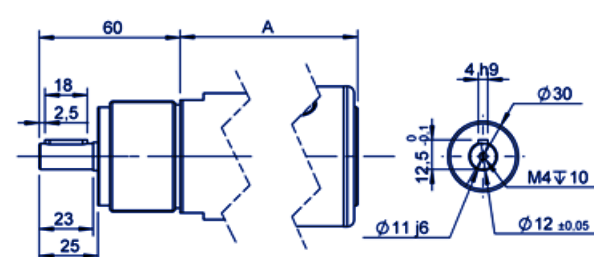
GROUP IV SHAFT C15 - KEYED Ø5/8"



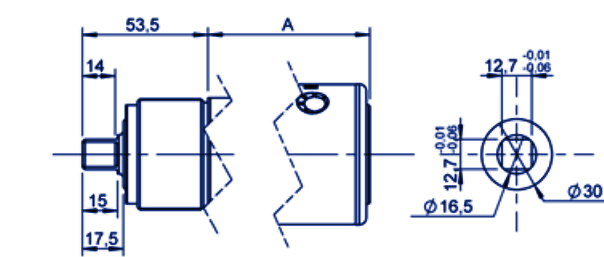
GROUP IV SHAFT C16 - SQUARE Ø5/8"



GROUP IV SHAFT C19 - KEYED Ø11 - IEC63B14



GROUP IV SHAFT CA1 - SQUARE Ø1/2"



SHAFTS **GROUP IV** (2/3)

XTH 05

XTH 07

XTS 08

XTH 08

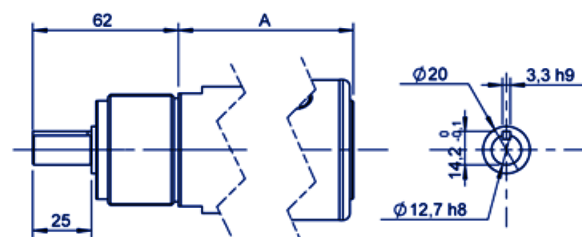
XTS 10

XTH 10

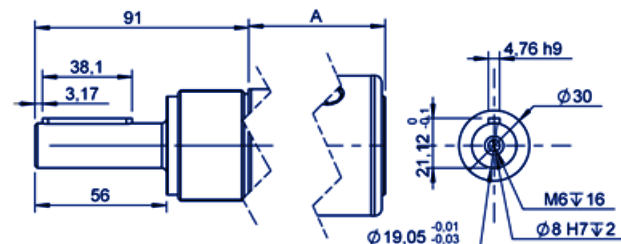
XTS 20

XTS 25

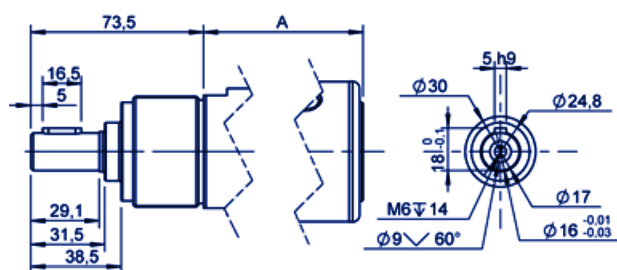
GROUP IV SHAFT CL1 - KEYED Ø1/2"



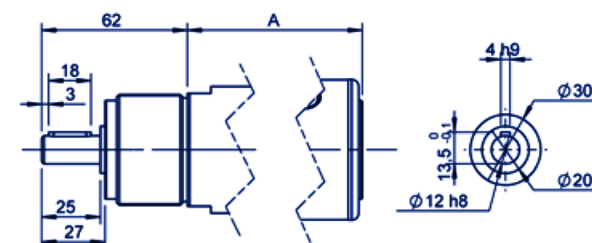
GROUP IV SHAFT CL2 - KEYED Ø3/4"



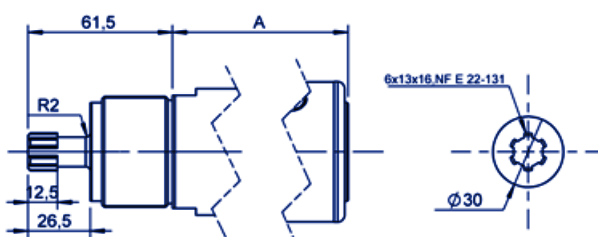
GROUP IV SHAFT CL6 - KEYED Ø16



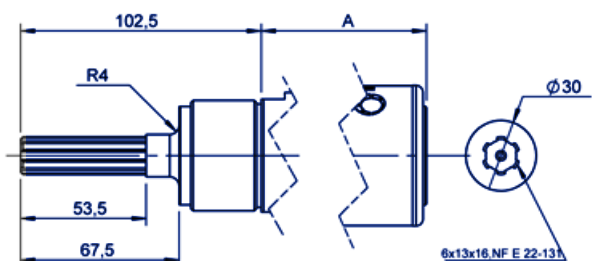
GROUP IV SHAFT CL9 - KEYED Ø12



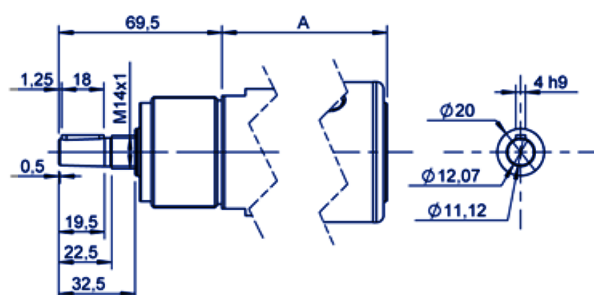
GROUP IV SHAFT CNC - SPLINED SHORT



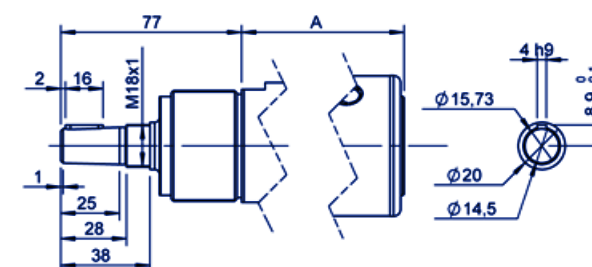
GROUP IV SHAFT CNL - SPLINED LONG



GROUP IV SHAFT CONICAL B12



GROUP IV SHAFT CONICAL B16



SHAFTS **GROUP IV** (3/3)

XTH 05

XTH 07

XTS 08

XTH 08

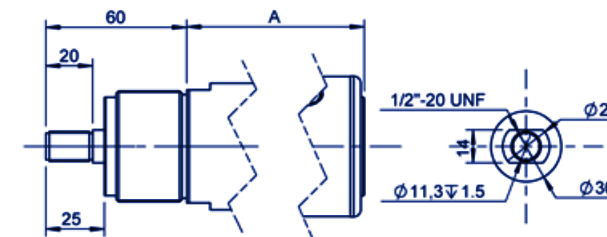
XTS 10

XTH 10

XTS 20

XTS 25

GROUP IV SHAFT FI1 - THREADED Ø1/2"



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