MAX POWER
1900 W
MAX TORQUE
840 Nm

Twin brothers of the "10", the "20" series air motors offer the same versatility and are available with the same speed and torque ranges but **with even greater power**.

It contains the 3 same application families (Easy, Standard and Heavy duty) with the same configurations of right angle drive heads and integrated handles. **Ideal for applications as different as blasting, conveyors, lifting or integration in special machines.**

Like their little brothers, the "20" range air motors **can get an integrated speed controller**, which is indispensable for certain manual 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 "20" series	AC304
Maintenance kit for lube free "20" series	AC314
Maintenance kit for kit start "20" series	AC324
Exhaust collector kit for "20" series	AC341
modec Oil Co-16	AC149
Control handles	
Safety control handle for non reversible "20" series	AC406
Safety control handle for reversible "20" series	AC404
Progressive control handle for non reversible "20" series	AC400
Progressive control handle for reversible "20" series	AC408
Filters et 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	AC159
Exhaust silencer filter	AC161
Speed control muffler	AC174

CONNECTION AND LUBRIFICATION

Min. fittings Ø		Min. pipe Ø		Lubrification (6,2 bars)
In	Out	In	Out	
10 mm / 0,4 In	16 mm / 0,6 In	13 mm / 0,5 In	20 mm / 0,8 In	7 drops / minute

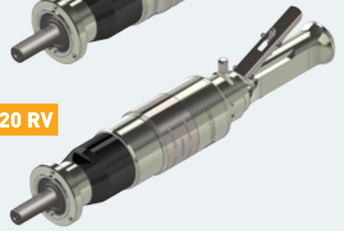
CONVERSION TABLE

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

MOTORS NTS 20
POWER 1300-1500 W

NTS 20 XT

NTS 20 RV



N T S 2 0 X X X X X X X X X X — X X

REDUCTION RATIO
(3 digits)
See table

OPTIONS
(2 digits)
See table

ROTATION*
RT Right (Clockwise)
LT Left (CCW)
RV Reversible

FLANGE
(1 to 2 digits)

OUTPUT SHAFT
(1 to 3 digits)

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

OPTIONS AVAILABLE FOR THE NTS 20 XT

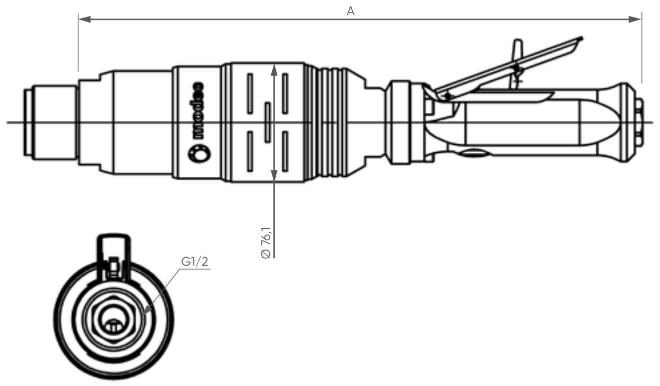
Code	00	01	02	04	05	06	07	09	10	13	14	15	18	19	21	22	31	32
Collected exhaust		●					●	●	●						●	●		
ATEX certification			●				●			●	●	●			●	●	●	●
Lubrication free				●				●		●			●		●		●	
Kit start					●				●		●			●		●		●
Speed control						●						●	●	●			●	●

OPTIONS AVAILABLE FOR THE NTS 20 RV

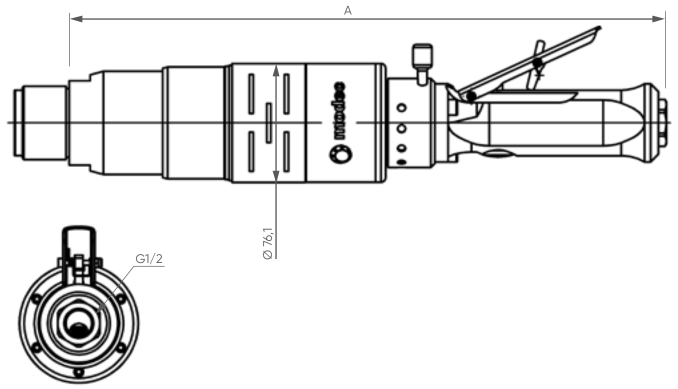
Code	03	12	16	17	29	30
ATEX certification		●			●	●
Left/Right switch	●	●	●	●	●	●
Lubrication free			●		●	
Kit start				●		●

LAYOUT

NTS 20 XT



NTS 20 RV



PERFORMANCES

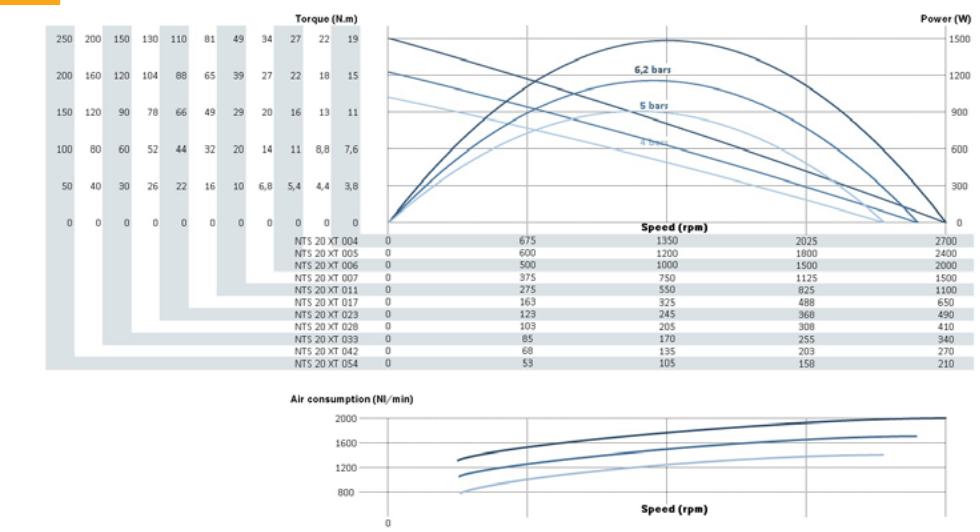
NTS 20 XT Air motor reference	Reduction ratio	Air supply pressure	Speed (rpm) @ max Power	Speed (rpm) Free	Torque (N.m) @ max Power	Torque (N.m) Max (stall)	Torque (N.m) Starting torque	Max Power (W)	Air cons (Nl/min)	Dimensions A (mm)	Dimensions Ø (mm)	Weight (kg)
NTS 20 XT 004	4	6,2 bars	1359	2719	10	19	17	1480	1800	329,5	76,1	3,4
		5 bars	1288	2577	8,6	16	14	1162	1500			
		4 bars	1205	2409	7,2	13	12	911	1200			
NTS 20 XT 005	5	6,2 bars	1181	2362	12	22	20	1480	1800	329,5	76,1	3,4
		5 bars	1119	2239	10	18	16	1162	1500			
		4 bars	1047	2093	8,3	15	13	911	1200			
NTS 20 XT 006	6	6,2 bars	986	1972	14	27	24	1480	1800	329,5	76,1	3,4
		5 bars	934	1869	12	22	19	1162	1500			
		4 bars	874	1747	10	18	16	911	1200			
NTS 20 XT 007	7	6,2 bars	773	1547	18	34	30	1480	1800	329,5	76,1	3,4
		5 bars	733	1466	15	28	24	1162	1500			
		4 bars	685	1371	13	23	20	911	1200			
NTS 20 XT 011	11	6,2 bars	540	1080	26	49	43	1480	1800	329,5	76,1	3,4
		5 bars	512	1023	22	40	35	1162	1500			
		4 bars	478	957	18	33	29	911	1200			
NTS 20 XT 017	17	6,2 bars	326	652	43	81	71	1480	1800	361,5	76,1	3,7
		5 bars	309	618	36	66	58	1162	1500			
		4 bars	289	578	30	55	48	911	1200			
NTS 20 XT 023	23	6,2 bars	246	492	57	107	94	1480	1800	361,5	76,1	3,7
		5 bars	233	466	48	87	77	1162	1500			
		4 bars	218	436	40	73	64	911	1200			
NTS 20 XT 028	28	6,2 bars	205	411	69	128	113	1480	1800	361,5	76,1	3,7
		5 bars	195	389	57	105	92	1162	1500			
		4 bars	182	364	48	87	77	911	1200			
NTS 20 XT 033	33	6,2 bars	171	343	82	154	135	1480	1800	361,5	76,1	3,7
		5 bars	163	325	68	126	110	1162	1500			
		4 bars	152	304	57	105	92	911	1200			
NTS 20 XT 042	42	6,2 bars	134	269	105	196	173	1480	1800	361,5	76,1	3,7
		5 bars	127	255	87	160	141	1162	1500			
		4 bars	119	238	73	133	117	911	1200			
NTS 20 XT 054	54	6,2 bars	106	211	134	250	220	1480	1800	361,5	76,1	3,7
		5 bars	100	200	111	204	180	1162	1500			
		4 bars	94	187	93	170	150	911	1200			

NTS 20 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)	Weight (kg)
NTS 20 RV 004	4	6,2 bars	1135	2270	11	14	12	1352	1800	351	76,1	4
		5 bars	1052	2104	9,3	12	10	1027	1500			
		4 bars	978	1956	7,3	9,6	8,5	749	1200			
NTS 20 RV 005	5	6,2 bars	986	1972	13	16	14	1352	1800	351	76,1	4
		5 bars	914	1828	11	14	12	1027	1500			
		4 bars	850	1700	8,4	11	9,8	749	1200			
NTS 20 RV 006	6	6,2 bars	823	1646	16	20	17	1352	1800	351	76,1	4
		5 bars	763	1526	13	16	14	1027	1500			
		4 bars	709	1419	10	13	12	749	1200			
NTS 20 RV 007	7	6,2 bars	646	1292	20	25	22	1352	1800	351	76,1	4
		5 bars	599	1197	16	21	18	1027	1500			
		4 bars	557	1113	13	17	15	749	1200			
NTS 20 RV 011	11	6,2 bars	451	902	29	36	31	1352	1800	351	76,1	4,0
		5 bars	418	836	23	30	26	1027	1500			
		4 bars	388	777	18	24	21	749	1200			
NTS 20 RV 017	17	6,2 bars	272	544	47	59	52	1352	1800	383	76,1	4,3
		5 bars	252	505	39	49	43	1027	1500			
		4 bars	235	469	31	40	35	749	1200			
NTS 20 RV 023	23	6,2 bars	205	411	63	78	69	1352	1800	383	76,1	4,3
		5 bars	190	381	51	65	57	1027	1500			
		4 bars	177	354	40	53	47	749	1200			
NTS 20 RV 028	28	6,2 bars	171	343	75	94	83	1352	1800	383	76,1	4,3
		5 bars	159	318	62	78	68	1027	1500			
		4 bars	148	296	48	64	56	749	1200			
NTS 20 RV 033	33	6,2 bars	143	286	90	113	99	1352	1800	383	76,1	4,3
		5 bars	133	265	74	93	82	1027	1500			
		4 bars	123	247	58	76	67	749	1200			
NTS 20 RV 042	42	6,2 bars	112	225	115	143	126	1352	1800	383	76,1	4,3
		5 bars	104	208	94	119	105	1027	1500			
		4 bars	97	194	74	97	86	749	1200			
NTS 20 RV 077	77	6,2 bars	62	123	210	262	231	1352	1800	383	76,1	4,3
		5 bars	57	114	172	217	191	1027	1500			
		4 bars	53	106	135	178	157	749	1200			

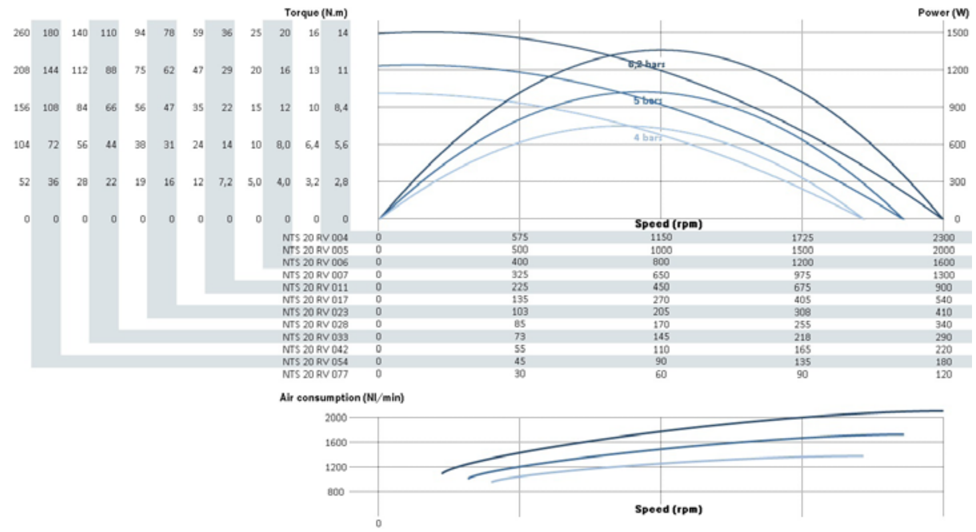
Data indicated in this table have an accuracy of +/- 5%

POWER, SPEED, TORQUE AND AIR CONSUMPTION GRAPHS

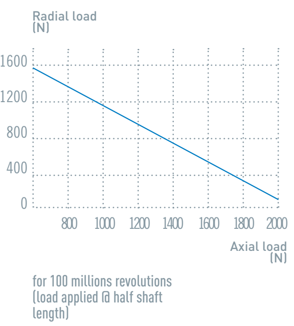
NTS 20 XT



NTS 20 RV



MAXIMUM RADIAL & AXIAL LOAD



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

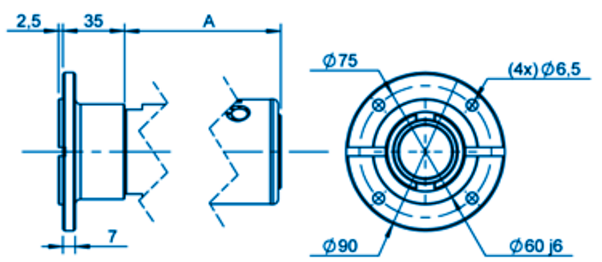
NOTES

modec moteurs & solutions pneumatiques

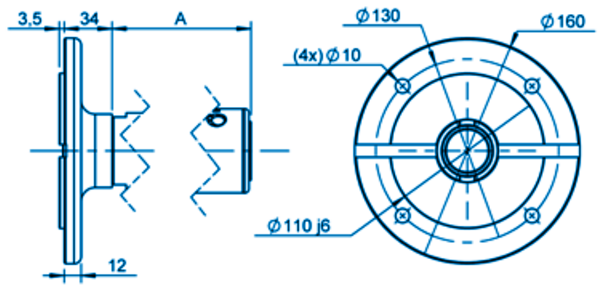
FLANGES GROUP IV (1/3)

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

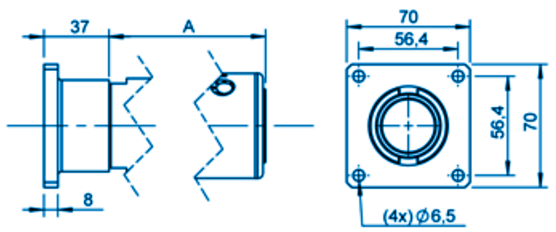
GROUP IV FLANGE AB - IEC63B14



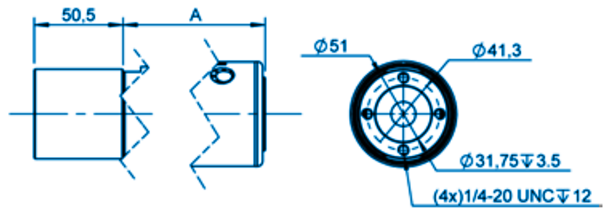
GROUP IV FLANGE AC - IEC71B5



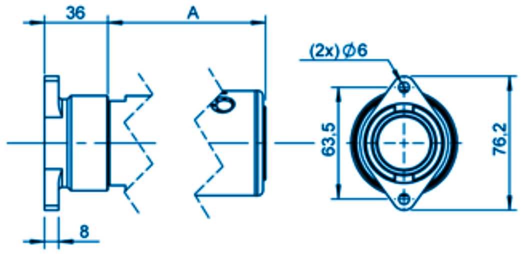
GROUP IV FLANGE AF



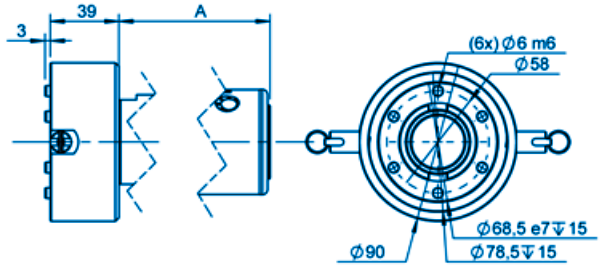
GROUP IV FLANGE AH



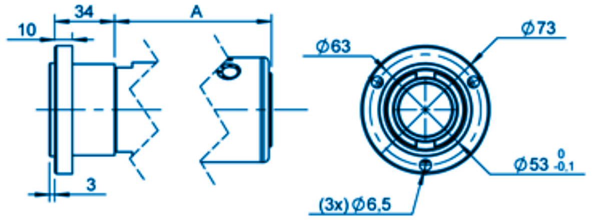
GROUP IV FLANGE AS



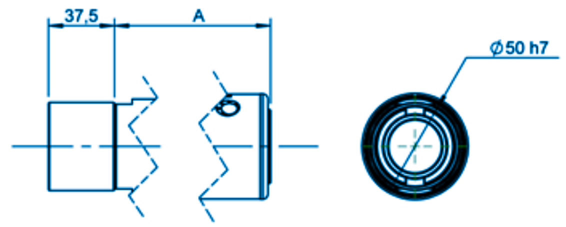
GROUP IV FLANGE AX - ARP



GROUP IV FLANGE B



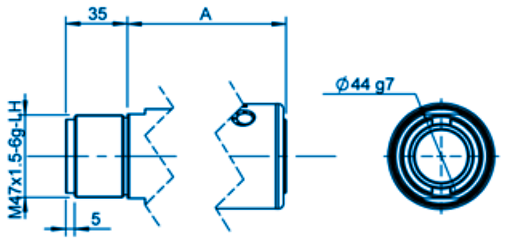
GROUP IV FLANGE BO



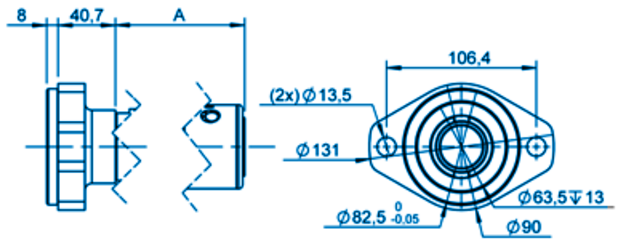
FLANGES GROUP IV (2/3)

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

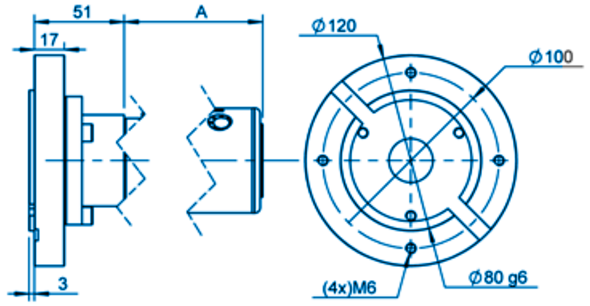
GROUP IV FLANGE F



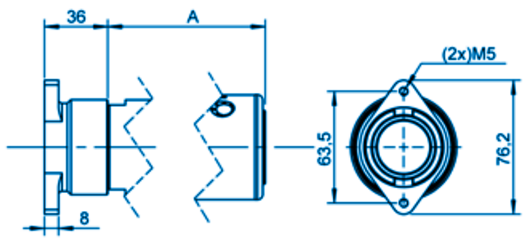
GROUP IV FLANGE FH



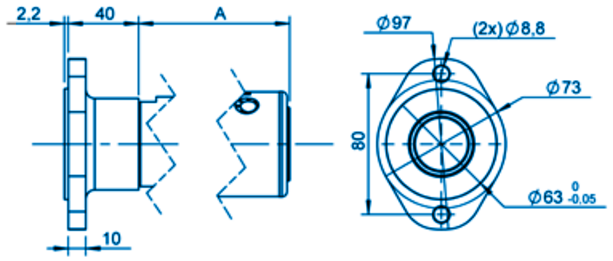
GROUP IV FLANGE FJ - IEC80B14



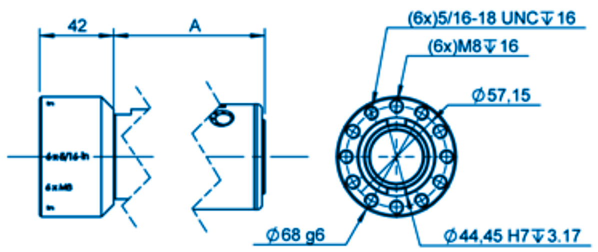
GROUP IV FLANGE J



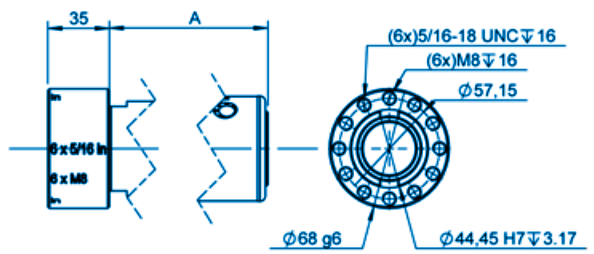
GROUP IV FLANGE L



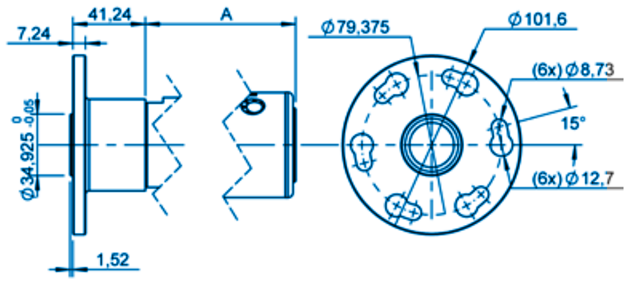
GROUP IV FLANGE M



GROUP IV FLANGE N



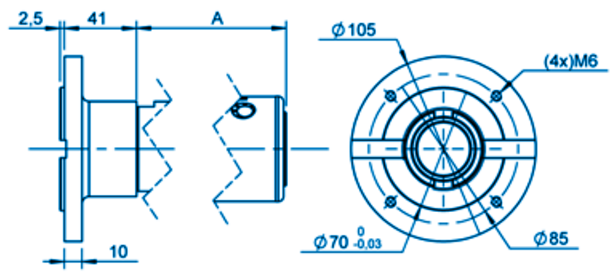
GROUP IV FLANGE Q



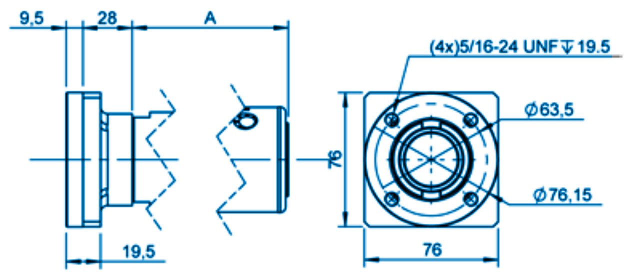
FLANGES GROUP IV (3/3)

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

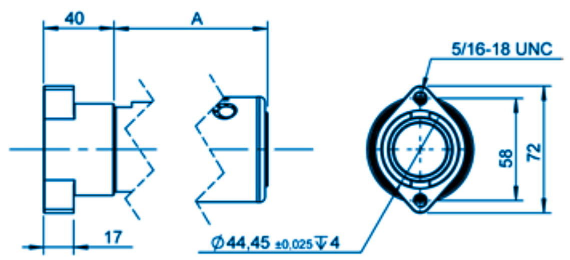
GROUP IV FLANGE R - IEC71B14



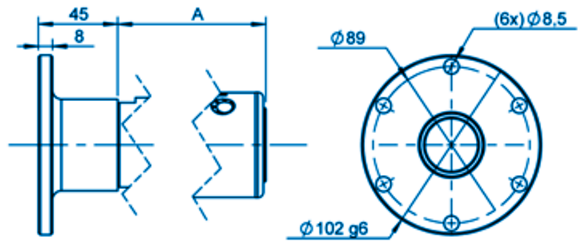
GROUP IV FLANGE S



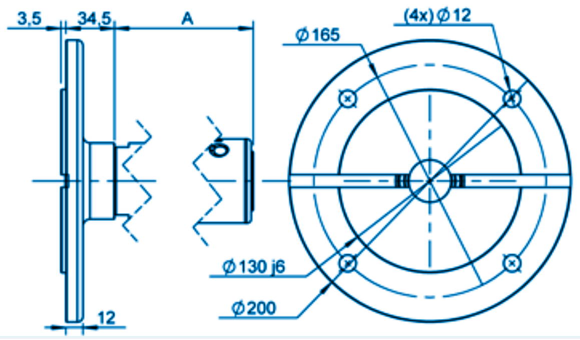
GROUP IV FLANGE U



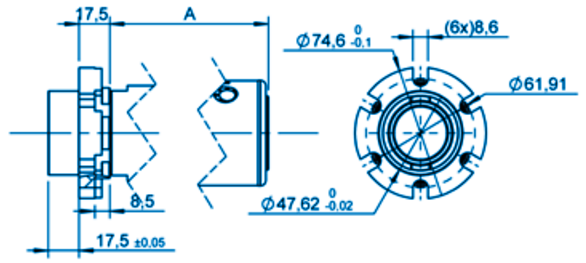
GROUP IV FLANGE V



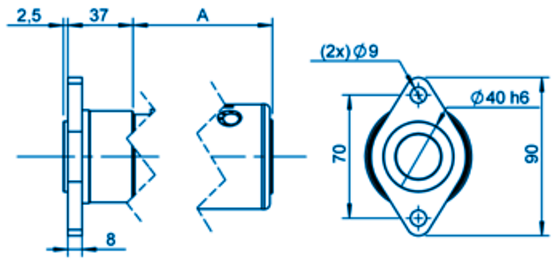
GROUP IV FLANGE W - IEC80B5



GROUP IV FLANGE Y



GROUP IV FLANGE Z



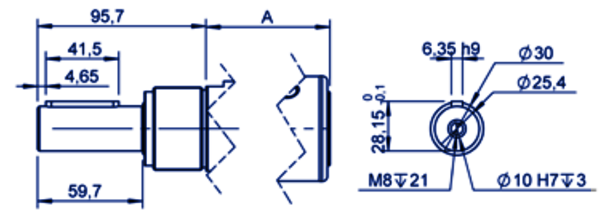
You didn't find your match ?

Contact us !

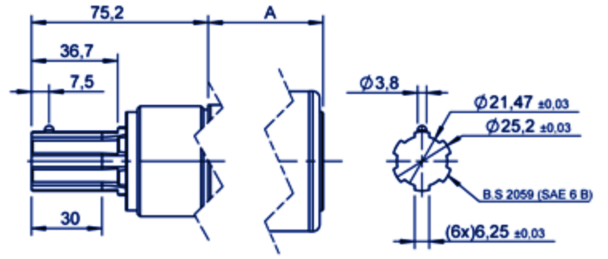
SHAFTS GROUP IV (1/3)

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

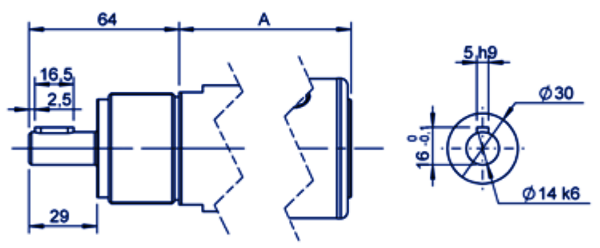
GROUP IV SHAFT 007 - KEYED Ø1''



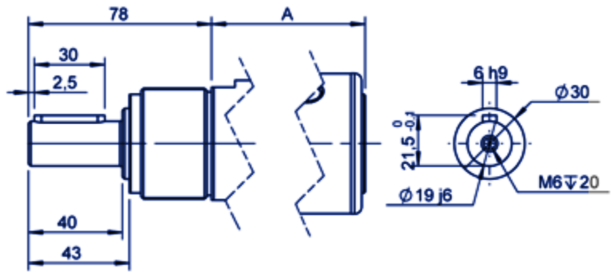
GROUP IV SHAFT 019 - SPLINED ARP



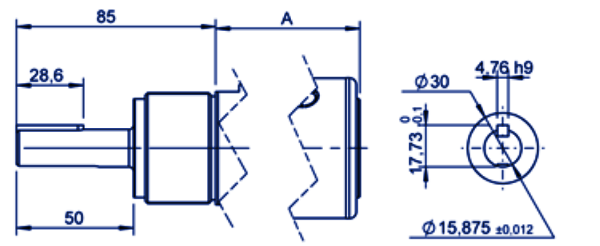
GROUP IV SHAFT C11 - KEYED Ø14 - IEC71B5 - IEC71B14



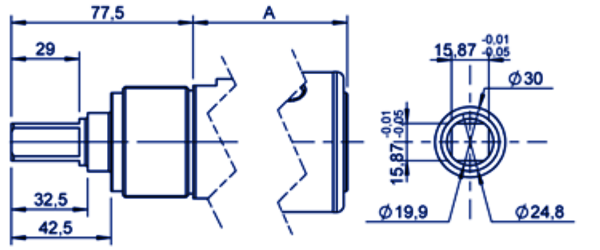
GROUP IV SHAFT C12 - KEYED Ø19 - IEC80B5 - IEC80B14



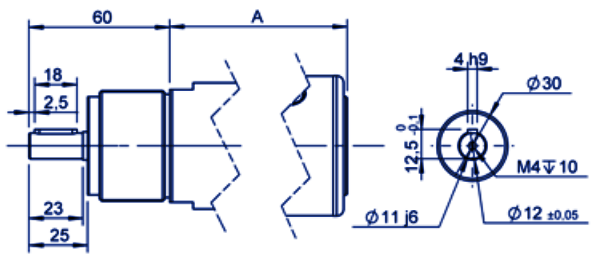
GROUP IV SHAFT C15 - KEYED Ø5/8''



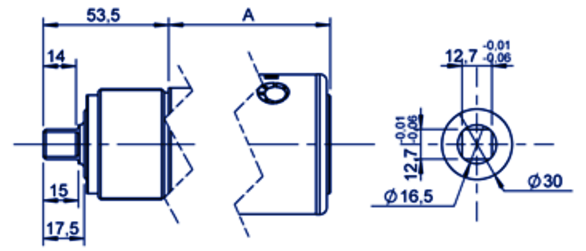
GROUP IV SHAFT C16 - SQUARE Ø5/8''



GROUP IV SHAFT C19 - KEYED Ø11 - IEC63B14



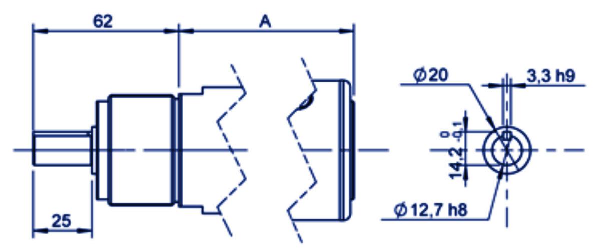
GROUP IV SHAFT CA1 - SQUARE Ø1/2''



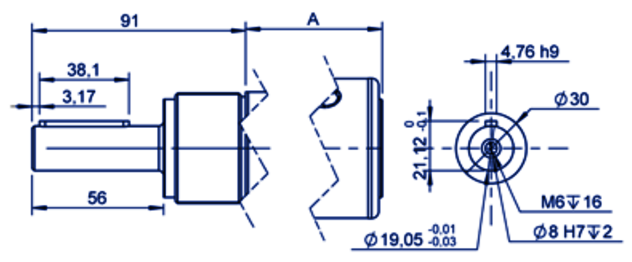
SHAFTS GROUP IV (2/3)

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

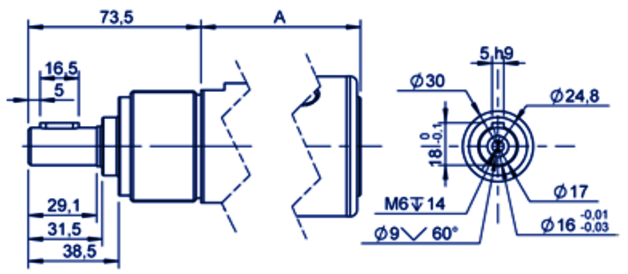
GROUP IV SHAFT CL1 - KEYED Ø1/2''



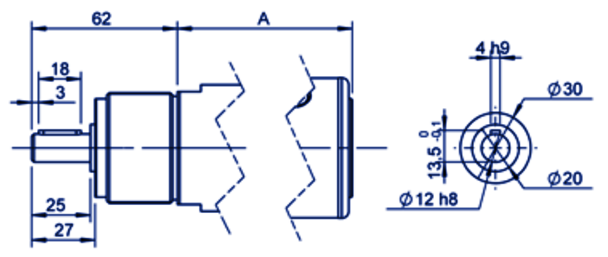
GROUP IV SHAFT CL2 - KEYED Ø3/4''



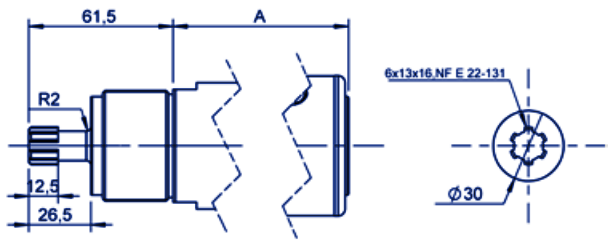
GROUP IV SHAFT CL6 - KEYED Ø16



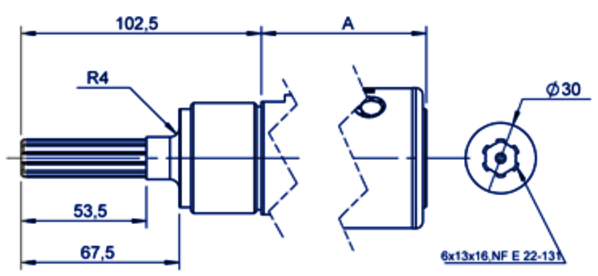
GROUP IV SHAFT CL9 - KEYED Ø12



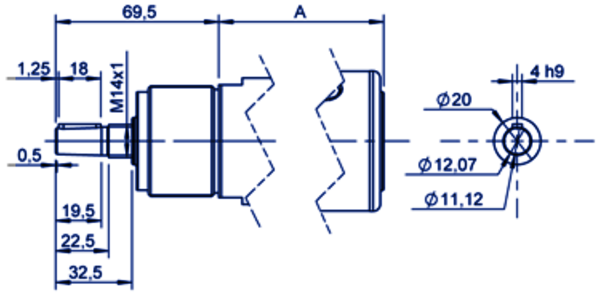
GROUP IV SHAFT CNC - SPLINED SHORT



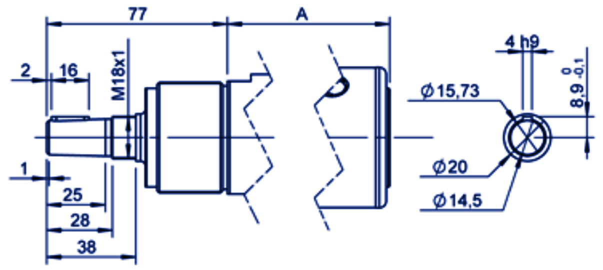
GROUP IV SHAFT CNL - SPLINED LONG



GROUP IV SHAFT CONICAL B12



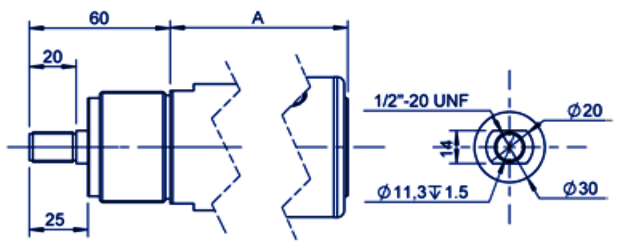
GROUP IV SHAFT CONICAL B16



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''



You didn't find your match ?

Contact us !