

- NOTE:**
1. GEARBOX RATIOS: 3, 4 & 6:1.
  2. GEARBOX BASEPLATE: F14 & FA14 AND F16 & FA16.
  3. DIMENSIONS WITH "\*" INDICATE COVER REMOVAL ALLOWANCE
  4. THE INTERFACE PROVIDED FOR MOUNTING THE ACTUATOR OR SECOND STAGE GEARBOX ONTO THE VALVE SHOULD CONFORM TO GOOD ENGINEERING PRACTICES, ENSURING ADEQUATELY TOLERANCED LIMITS FOR PARALLELISM, PERPENDICULARITY AND CONCENTRICITY.
  5. ROTORK CANNOT BE HELD LIABLE FOR DAMAGE TO OUR EQUIPMENT CAUSED BY EXCESSIVE LOADING FROM COVER TUBES, HANDWHEEL AND HAND LEVER.

PARAMETER	VALUE	DESCRIPTION
DRAWING TYPE	A	INSTALLATION DRAWING
ACTUATOR	9	CK(R)A250/500
GEARBOX1	B6	IB6
GEARBOX2	N0	NO G.B.2
TERMINAL COVER	B	3 COND
MECHANISM / MOTOR	S	STD. MECH/SMALL MOT.
HANDWHEEL / REAR / FRONT	0	STD.H.W./STD.REAR./STD.FRNT.
ORIENTATION	0	STD. ORIENT.

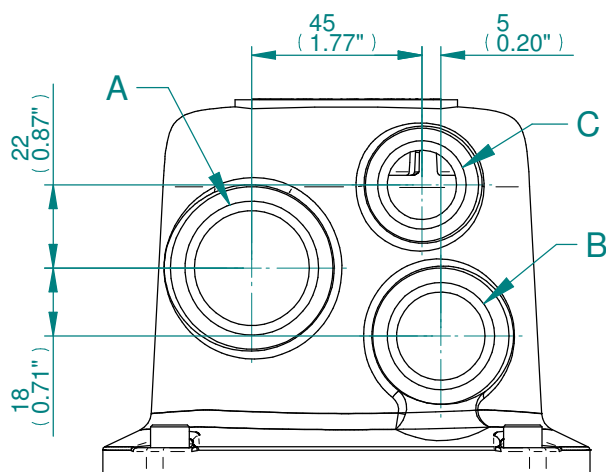
<b>CK range</b>	Drawn	HAABI	25-11-19
	Checked	TAMIL	25-11-19
	Approved	JOSE	25-11-19

**Title** DIMENSIONAL DRAWING, CKA250/500 & CKRA250/500, IB6, 3 CONDUIT ENTRIES, SMALL MOTOR, STANDARD ORIENTATION

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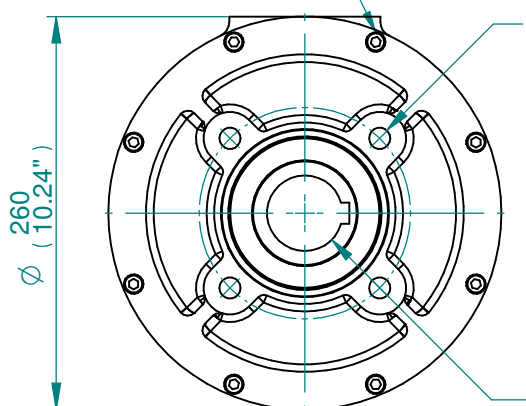
<b>A4</b>	<b>Doc Number</b>	<b>Ver No</b>	<b>Scale</b>	<b>Sheet No</b>
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CONDUIT ENTRY HOLE		
Hole	Metric	NPT
A	M32	1 ¼"
B	M25	¾"
C	M20	¾"



CONDUIT ENTRIES

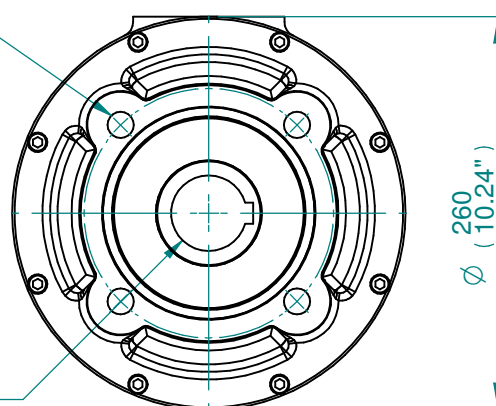
MOUNTING HOLES CAN BE POSITIONED ON/OFF CENTRES BY REMOVING 8 BOLTS INDICATED AND REPOSITIONING



IB6-F14/FA14 GEARBOX MOUNTING DETAILS

SEE TABLE FOR BASEPLATE DETAILS

SEE TABLE FOR BORE & KEY DETAILS



IB6-F16/FA16 GEARBOX MOUNTING DETAILS

MAX. STEM SCREW ACCEPTANCE DIA
55 (2.125")

STD	MAX BORE SQ KEY		MAX BORE RECTANGULAR KEY	
	BORE	KEY	BORE	KEY
BS4235	-	-	52.0	16X10
BS46	1.875"	1/2" SQ	2.000"	1/2"x5/16"
ANSI B17.1	1.875"	1/2" SQ	2.000"	1/2"x3/8"

BASEPLATE DETAILS			
TYPE	BASEPLATE	SPIGOT DIA.	HOLE DETAILS (45° OFF CENTRES)
ISO F14	STANDARD	Ø99.95-0.05 (Ø3.935"-0.002")	4 HOLES M16x20 (0.79") DEEP ON Ø140.0 (Ø5.51") P.C.
FA14		Ø95.22-0.10 (Ø3.749"-0.004")	4 HOLES 5/8"UNCx20 (0.79") DEEP ON Ø139.7 (Ø5.50") P.C.
ISO F16		Ø129.95-0.05 (Ø5.116"-0.002")	4 HOLES M20x25 (0.98") DEEP ON Ø165.0 (Ø6.50") P.C.
FA16		Ø126.87-0.25 (Ø4.995"-0.010")	4 HOLES 3/4"UNCx25 (0.98") DEEP ON Ø165.1 (Ø6.50") P.C.



Drawn	HAABI	25-11-19
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