

- NOTE:
1. GEARBOX RATIOS: 4 & 6:1.
 2. GEARBOX BASEPLATE: F25/FA25 & F30/FA30.
 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	6	CK(R)C250/500
GEARBOX1	BA	IB10
GEARBOX2	NO	NO G.B.2
CENTRONIK / TERMINAL	B	CTK/3 COND
MECHANISM / MOTOR	S	STD. MECH/SMALL MOT.
HANDWHEEL / REAR / FRONT	0	STD.H.W./STD.REAR/STD.FRNT.
ORIENTATION	0	STD.ORIENT.

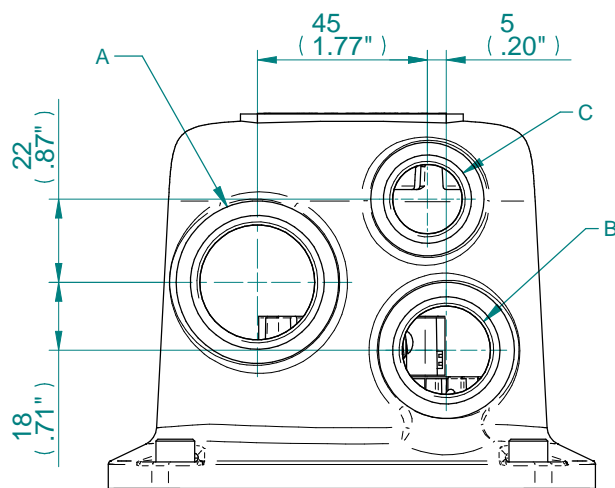
CK range	Drawn	TAMIL	16-11-17
	Checked	BHARAT	16-11-17
	Approved	JOSE	16-11-17

Title DIMENSIONAL DRAWING, CKC250/500 & CKRC250/500, IB10, CENTRONIK / 3 CONDUIT ENTRIES, SMALL MOTOR, STANDARD ORIENTATION.

This drawing and the information it contains are property of Rotork Controls Limited, and they will not be reproduced or disclosed, in whole or in part, without the prior written consent of Rotork.

A4	Doc Number	Ver No	Scale	Sheet No
	A6BAN0BS00X	1	NTS	1 of 2

CONDUIT ENTRY HOLE		
Hole	Metric	NPT
A	M32	1 ¼"
B	M25	¾"
C	M20	¾"

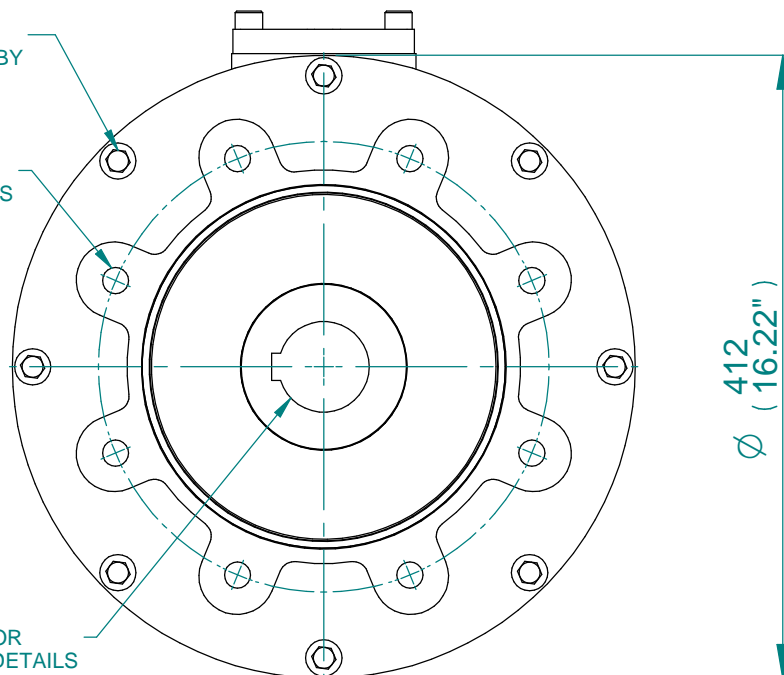


CONDUIT ENTRIES

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

SEE TABLE FOR BASEPLATE DETAILS

SEE TABLE FOR BORE & KEY DETAILS



IB10-F25/FA25 & F30/FA30 GEARBOX MOUNTING DETAILS

MAX. STEM SCREW ACCEPTANCE DIA
88(3.375")

STD	MAX BORE SQ KEY		MAX BORE RECTANGULAR KEY	
	BORE	KEY	BORE	KEY
BS4235	-	-	76.0	22x14
BS46	2.750"	3/4" SQ	3.000"	3/4"x1/2"
ANSI B17.1	2.750"	5/8" SQ	3.000"	3/4"x1/2"

BASEPLATE DETAILS			
TYPE	BASEPLATE	SPIGOT DIA.	HOLE DETAILS (22.5° OFF CENTRES)
ISO F25	STANDARD	Ø199.95-0.05 (Ø7.872"-0.002"	8 HOLES M16x20 (0.79") DEEP ON Ø254.0 (Ø10.00") P.C.
FA25		Ø152.25-0.05 (Ø5.994"-0.002"	8 HOLES 5/8"UNCx20 (0.79") DEEP ON Ø254.4 (Ø10.00") P.C.
ISO F30		Ø229.95-0.05 (Ø9.053"-0.002"	8 HOLES M20x25 (0.98") DEEP ON Ø298.0 (Ø11.73") P.C.
ISO		Ø177.70-0.05 (Ø6.996"-0.002"	8 HOLES 3/4"UNCx25 (0.98") DEEP ON Ø298.5 (Ø11.75") P.C.



Drawn	TAMIL	16-11-17
Checked	BHARAT	16-11-17
Approved	JOSE	16-11-17

Title DIMENSIONAL DRAWING, CKC250/500 & CKRC250/500, IB10, CENTRONIK / 3 CONDUIT ENTRIES, SMALL MOTOR, STANDARD ORIENTATION.

This drawing and the information it contains are property of Rotork Controls Limited, and they will not be reproduced or disclosed, in whole or in part, without the prior written consent of Rotork.

A4	Doc Number	Ver No	Scale	Sheet No
	A6BAN0BS00X	1	NTS	2 of 2