

- NOTE:
1. GEARBOX RATIOS: 120,180,240 , 360:1.
  2. GEARBOX BASEPLATE: F25/FA25, F30/FA30, F35/FA35 & F40/FA40.
  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	3	CK(R)250/500
GEARBOX1	W8	IW8
GEARBOX2	RL	LOW RATIO
CENTRONIK / TERMINAL	S	SET/3 COND
MECHANISM / MOTOR	S	STD.MECH./SMALL MOT.
HANDWHEEL / REAR / FRONT	0	STD.H.W./STD.REAR/STD.FRNT.
ORIENTATION	0	STD.ORIENT.

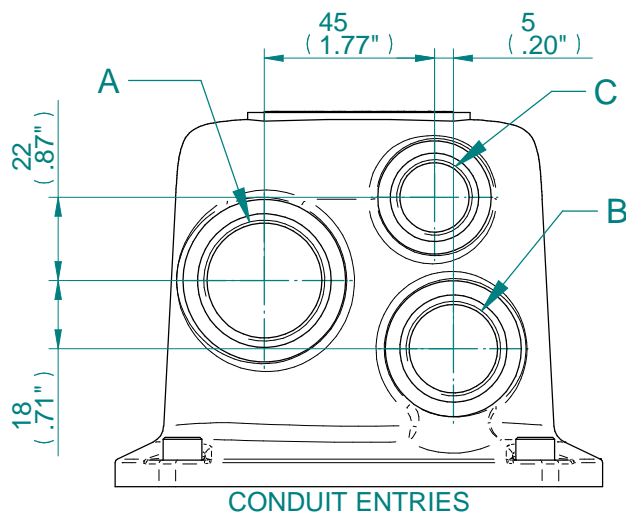
<b>CK range</b>	Drawn	JB	15-05-18
	Checked	FT	15-05-18
	Approved	FT	15-05-18

**Title** DIMENSIONAL DRAWING, CK250/500 & CKR250/500, IW8, LOW RATIO, 3 CONDUIT ENTRIES, SMALL MOTOR, STANDARD ORIENTATION

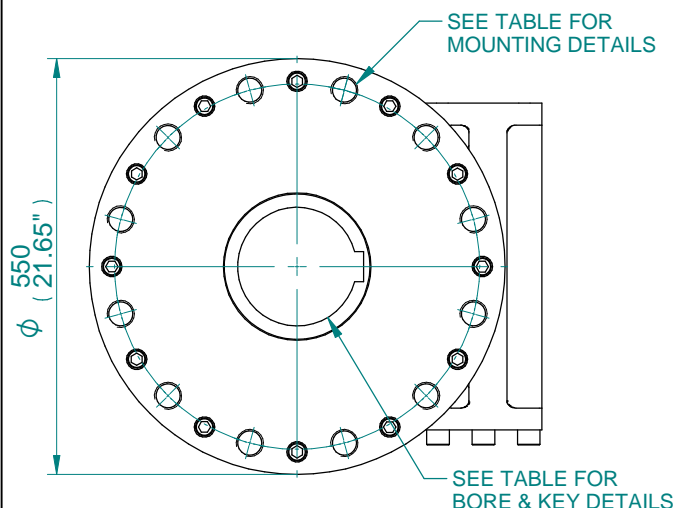
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<b>A4</b>	<b>Doc Number</b>	<b>Ver No</b>	<b>Scale</b>	<b>Sheet No</b>
	<b>A3W8RLSS00X</b>	<b>1</b>	<b>NTS</b>	<b>1 of 2</b>

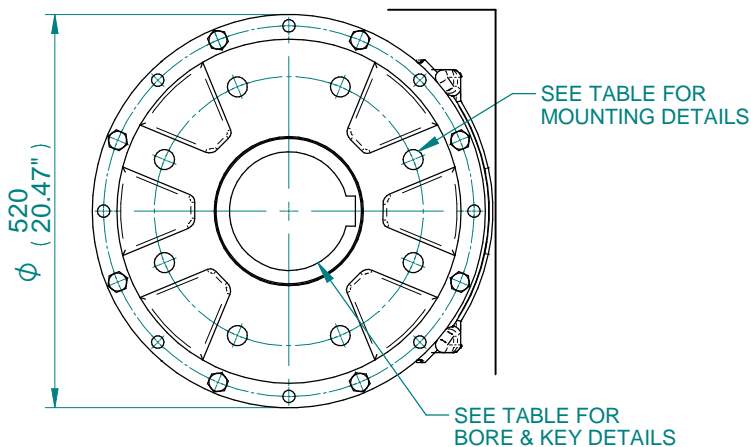
CONDUIT ENTRY HOLE		
Hole	Metric	NPT
A	M32	1 1/4"
B	M25	3/4"
C	M20	3/4"



CONDUIT ENTRIES



IW8 GEARBOX MOUNTING DETAILS FOR F48/FA48



IW8 GEARBOX MOUNTING DETAILS FOR F25/FA25, F30/FA30, F35/FA35 & F40/FA40

BASEPLATE	X	Y	Z
STANDARD THICKNESS	99	160	193
FILLED THICKNESS	99	160	193
WAFER THICKNESS	137	198	231

STD	MAX BORE SQ KEY		MAX BORE RECTANGULAR KEY	
	BORE	KEY	BORE	KEY
BS4235	-	-	157	40 x 22
BS46	5.625"	1.1/2" SQ.	6.00"	1.1/2" x 1"
ANSI B17.1	5.625"	1.1/2" SQ.	6.00"	1.1/2" x 1"

BASEPLATE DETAILS			
TYPE	BASEPLATE	HOLE DETAILS (22.5° OFF CENTRES)	
ISO F25	STANDARD & FILLED	8 HOLES M16X30 (1.18") DEEP ON Ø254.0 (Ø10.00") P.C.	
FA25		8 HOLES 5/8"UNCX30 (1.18") DEEP ON Ø254.0 (Ø10.00") P.C.	
ISO F30		8 HOLES M20X30 (1.18") DEEP ON Ø298.0 (Ø11.73") P.C.	
FA30		8 HOLES 3/4"UNCX30 (1.18") DEEP ON Ø298.0 (Ø11.73") P.C.	
ISO F35		8 HOLES M30X30 (1.18") DEEP ON Ø356.0 (Ø14.02") P.C.	
FA35		8 HOLES 1"UNCX30 (1.18") DEEP ON Ø355.6 (Ø14.00") P.C.	
ISO F40		8 HOLES M36X36 (1.42") DEEP ON Ø406.0 (Ø15.98") P.C.	
FA40		8 HOLES 1.25"UNCX36 (1.42") DEEP ON Ø406.4 (Ø16.00") P.C.	
TYPE		BASEPLATE	HOLE DETAILS (15° OFF CENTRES)
ISO F48		WAFER	12 HOLES M36X36 (1.42") DEEP ON Ø483.00 (Ø19.02") P.C.
FA48			12 HOLES 1.25"UNCX36 (1.42") DEEP ON Ø482.6 (Ø19.00") P.C.



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