

- NOTE:
1. GEARBOX RATIOS: 140,210,280:1.
 2. GEARBOX BASEPLATE: F16/FA16, 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.

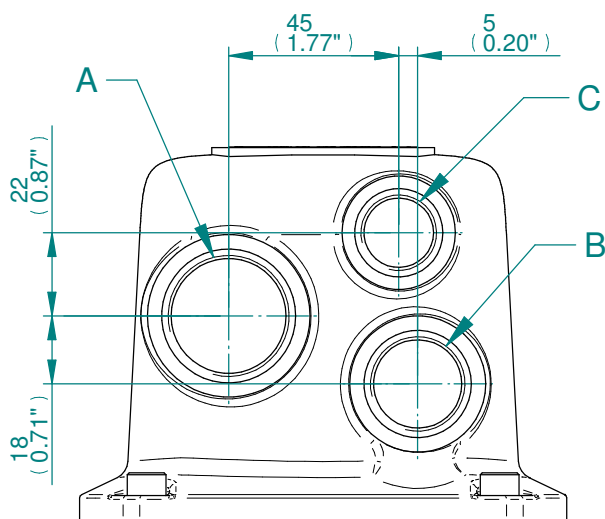
PARAMETER	VALUE	DESCRIPTION
DRAWING TYPE	A	INSTALLATION DRAWING
ACTUATOR	2	CK(R)120
GEARBOX1	W6	IW6
GEARBOX2	RL	LOW RATIO
TERMINAL COVER	B	3 COND
MECHANISM / MOTOR	0	STD.MECH/LARGE MOT.
HANDWHEEL / REAR / FRONT	0	STD.H.W./STD.REAR/STD.FRNT.
ORIENTATION	0	STD.ORIENT.

CK range	Drawn	TAMIL	05-03-19	Title	DIMENSIONAL DRAWING, CK120 & CKR120, IW6, LOW RATIO, 3 CONDUIT ENTRIES, LARGE MOTOR, STANDARD ORIENTATION
	Checked	BHARAT	05-03-19		
	Approved	JOSE	05-03-19		

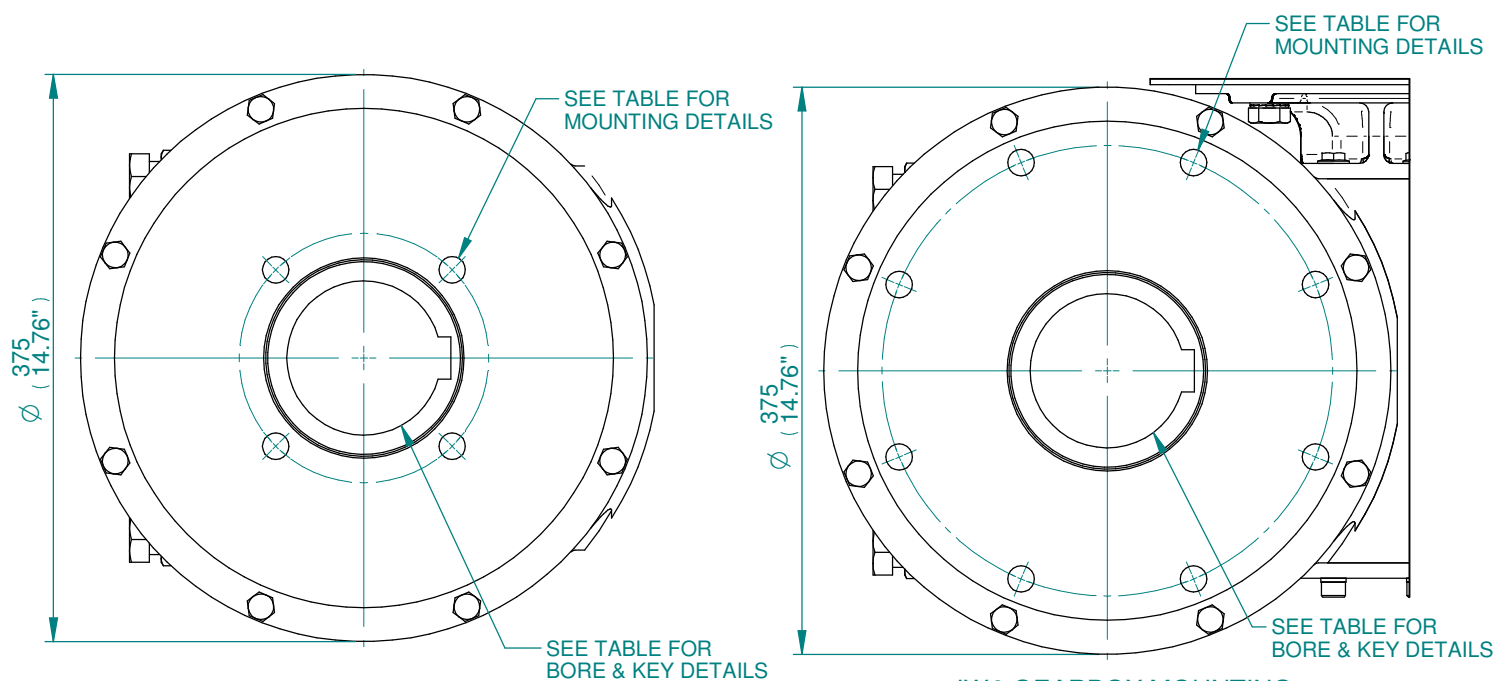
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CONDUIT ENTRY HOLE		
Hole	Metric	NPT
A	M32	1 1/4"
B	M25	3/4"
C	M20	3/4"



CONDUIT ENTRIES



IW6 GEARBOX MOUNTING
DETAILS FOR F16/FA16

IW6 GEARBOX MOUNTING
DETAILS FOR F25/FA25 & F30/FA30

BASEPLATE	X	Y	Z
STANDARD THICKNESS	70	113	139
FILLED THICKNESS	70	113	139
WAFER THICKNESS	93	136	162

STD	MAX BORE SQ KEY		MAX BORE RECTANGULAR KEY	
	BORE	KEY	BORE	KEY
BS4235	-	-	102	28X16
BS46	3.625"	1"SQ	3.75"	1"X3/4"
ANSI B17.1	3.75"	7/8"SQ	3.875"	1"X3/4"

BASEPLATE DETAILS		
TYPE	BASEPLATE	HOLE DETAILS (45° OFF CENTRES)
ISO F16	STANDARD	4 HOLES M20X20 (0.79") DEEP ON Ø165.0 (Ø6.50") P.C.
		4 HOLES 3/4"UNCX20 (0.79") DEEP ON Ø165.0 (Ø6.50") P.C.
FA16	STANDARD	8 HOLES M16X16 (0.63") DEEP ON Ø254.00 (Ø10.00") P.C.
		8 HOLES 5/8"UNCX16 (0.63") DEEP ON Ø254.00 (Ø10.00") P.C.
ISO F25	STANDARD	8 HOLES M20X30 (1.18") DEEP ON Ø298.00 (Ø11.73") P.C.
		8 HOLES 3/4"UNCX30 (1.18") DEEP ON Ø298.00 (Ø11.73") P.C.
FA25	STANDARD	8 HOLES M20X30 (1.18") DEEP ON Ø298.00 (Ø11.73") P.C.
		8 HOLES 3/4"UNCX30 (1.18") DEEP ON Ø298.00 (Ø11.73") P.C.
ISO F30	FILLED & WAFER	8 HOLES M20X30 (1.18") DEEP ON Ø298.00 (Ø11.73") P.C.
		8 HOLES 3/4"UNCX30 (1.18") DEEP ON Ø298.00 (Ø11.73") P.C.
FA30	FILLED & WAFER	8 HOLES M20X30 (1.18") DEEP ON Ø298.00 (Ø11.73") P.C.
		8 HOLES 3/4"UNCX30 (1.18") DEEP ON Ø298.00 (Ø11.73") P.C.



Drawn	TAMIL	05-03-19
Checked	BHARAT	05-03-19
Approved	JOSE	05-03-19

Title DIMENSIONAL DRAWING, CK120 & CKR120, IW6, LOW RATIO, 3 CONDUIT ENTRIES, LARGE MOTOR, STANDARD ORIENTATION

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