



NOTES:—  
 1) MATERIAL = ASTM B584 GRADE C90500  
 2) WEIGHT = 1.75 Kg.  
 $3.2 \sqrt{A} \left( \frac{1.6}{\sqrt{A}} \right)$

Digitally signed by  
**MOHAMMED SHAIKH**  
 DN: C=QA,  
 OU=Engineering CAD  
 Lab, O=Qatar Steel,  
 CN=MOHAMMED  
 SHAIKH,  
 E=mohammedshaikh@qatarsteel.com.qa  
 Location: Engineering  
 CAD Lab  
 Date: 2022-01-31 07:44:  
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REV	DATE	DESCRIPTION	DRN	CHD	APP
—	—	—	—	—	—
REVISIONS					
ITEM CODE	ASSET NO.	AREA / EQUIP. No.			
—	540CRANE85—001	EFCC5/CRANE NO.100			
<b>QATAR STEEL COMPANY</b>					
TOLERANCES UNLESS SPECIFIED OTHERWISE			DO NOT SCALE		
ANGULAR DIMS	M/C FAB.	OVER LPTO TOL.	NAME	DATE	SIGNATURE
—	—	6 ±0.1 ±0.5	DRAWN	30/01/2022	
—	—	30 ±0.2 ±0.5	CHECKED	30/01/2022	
—	—	30 120 ±0.3 ±1.0	APPROVED	30/01/2022	
—	—	120 315 ±0.5 ±1.0	SUPPLIER DRG. No.	—	—
—	—	1 6 ±6	SCALE :	1:1	
—	—	6 30 ±10	TITLE :	EF#5, SCALE PIT, CRANE No.100,	
—	—	30 120 ±20		CLAMSHELL GRAB, HYDRAULIC CYLINDER	
—	—	120 400 ±30		PISTON ROD GUIDE	
—	—	4000 ±2.0 ±3.0	Q No.	3—11976	SHT No. 1 OF 1
—	—	4000 ±3.0 ±3.0	DRG. No.	500—HWTR—101—80—B5	REV. 0
—	—	4000 ±3.0 ±3.0	REQUEST No.	2831361	REFERENCE DWG. No.
—	—	4000 ±3.0 ±3.0	REVISIONS	—	—
—	—	4000 ±3.0 ±3.0	REVISIONS	—	—