

INSTALLATION ARRANGEMENT HJX29

A

B

C

D

E

F

INSTALLATION ARRANGEMENT HJX29

STEERING CYLINDER PORTS (X2) 8mm HOSE FITTING FOR MANUAL CONTROLS. NOTE: FOR MANUAL CONTROLS WITH MORE THAN ONE JET, THE CYLINDER (AND THE PROTRUDING PORTION OF THE KEEP-OUT ZONE ASSOCIATED WITH THE CYLINDER) IS ONLY REQUIRED ON THE PORT (TWIN) OR CENTRE (TRIPLE) JET.

DETAIL A
SCALE 1 : 5

MIN R200 BEND RADIUS FOR REVERSE
CABLE ROUTING (MANUAL CONTROLS)

173.6 AFT FACE OF TRANSOM
1154 INTAKE BLOCK LENGTH

768
NOMINAL REVERSE DUCT UP

918
KEEP CLEAR

REVERSE CABLE ENTRY
(MANUAL CONTROLS)
SEE DETAIL 'A'

594
NOMINAL
REVERSE
DUCT UP

270
JET SHAFT HEIGHT
AND COG

680
KEEP CLEAR

96°
94°
86
COG

741.2 TO COUPLING FACE
ALLOW +/-4 ADJUSTMENT
FOR COUPLING OPTION 01 AND 05.
REFER TO DWG HJX29-125.

VOLUME WITHIN RED DOTTED
LINES TO BE KEPT CLEAR TO
PROVIDE SERVICE ACCESS

859
NOMINAL REVERSE DUCT DOWN

468
KEEP CLEAR

540
KEEP CLEAR

375
KEEP CLEAR

553
KEEP CLEAR

INSTALLATION NOTE

THE FIXING OF THE INTAKE BLOCK TO THE HULL AND THE STRENGTH OF THE TRANSOM MUST BE SUFFICIENT TO CARRY THE LOADS IMPOSED BY THE JET UNIT ON THE HULL. REFER TO MANUAL FOR JET LOADING.



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DOCUMENT TITLE **INSTALLATION DETAILS FOR HJX29 - 5° SHAFT CENTRE LINE**

CHANGE SUMMARY
FIRST RELEASE

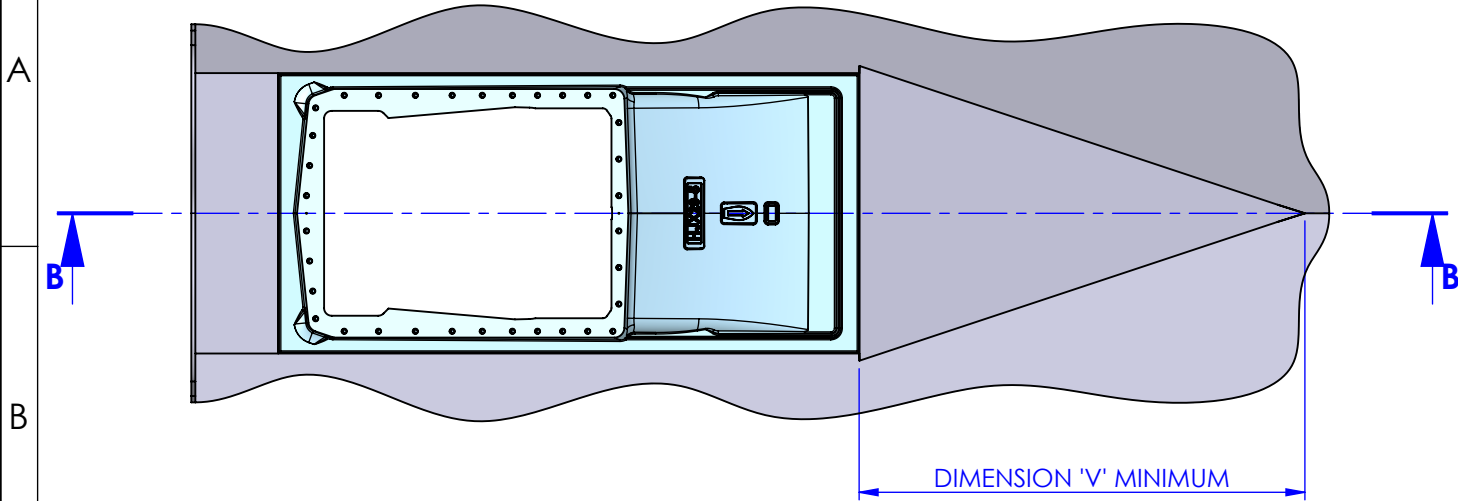
REVISION **A** REFER TO ECN **32886** FOR DETAILS

REVISED:	M.GLA	31-03-2020	UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS IN MILLIMETRES REMOVE ALL SHARP EDGES & BURRS	UNTOLERANCED DIMENSIONS & SURFACE FINISH GENERAL: ± 0.5 HOLES: ± 0.2 ANGULAR: $\pm 0.5^\circ$ MACHINED SURFACE FINISH: Ra 6.3 μ m	SHEET SIZE: A3
DOCUMENT REVIEW:	M.LEW	31-03-2020			SCALE: 1:10
ENGINEERING REVIEW:	N.THU	31-03-2020	DRAWN TO HAMJET 085195	3RD ANGLE PROJECTION	SHEET 1/2

STATE: **Released**

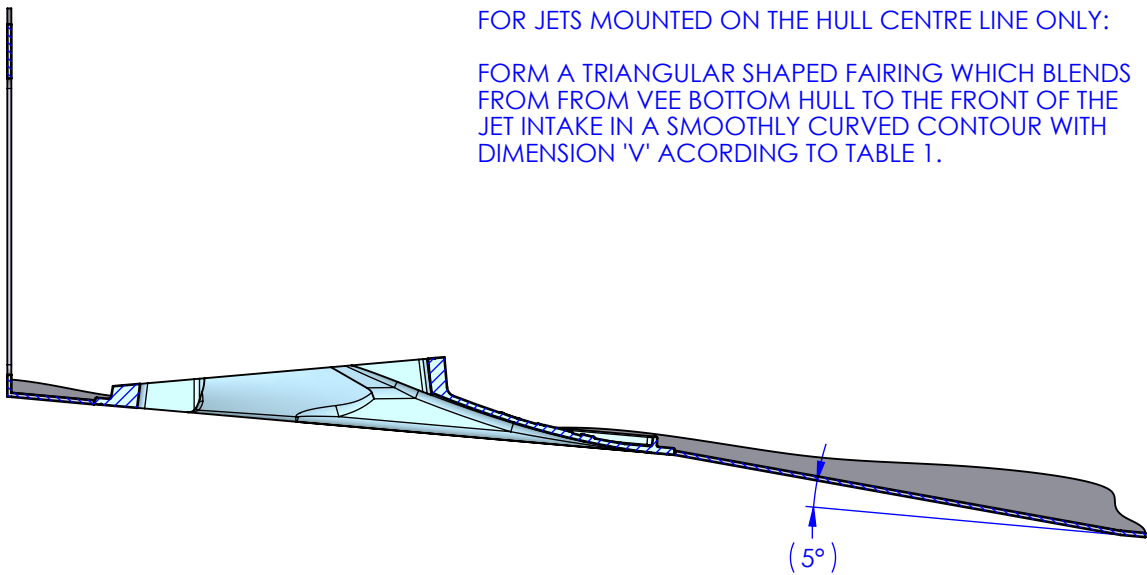
DWG No: **HJX29-700-02 INSTALLATION 5 DEG** REV: **A**

INTAKE BLOCK TO HULL FAIRING FOR CENTRE JETS



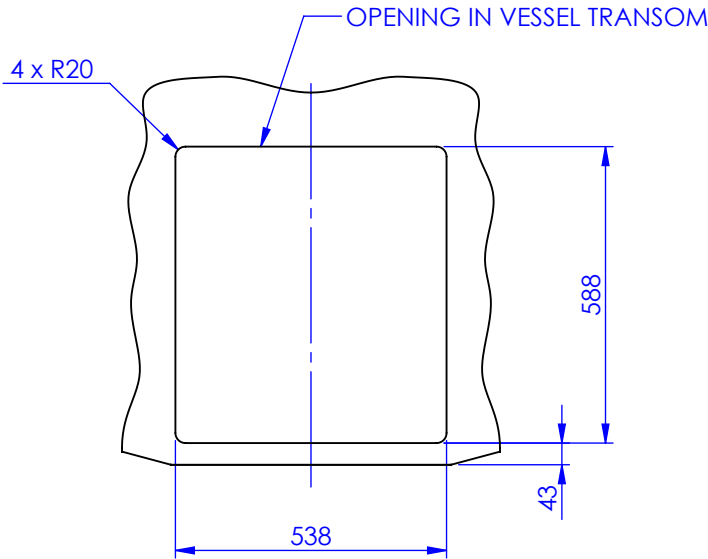
FOR JETS MOUNTED ON THE HULL CENTRE LINE ONLY:
FORM A TRIANGULAR SHAPED FAIRING WHICH BLENDS FROM FROM VEE BOTTOM HULL TO THE FRONT OF THE JET INTAKE IN A SMOOTHLY CURVED CONTOUR WITH DIMENSION 'V' ACORDING TO TABLE 1.

TABLE 1	
DEADRISE 'Z'	DIM 'V'
5°	279
10°	572
15°	884
20°	1221
25°	1590



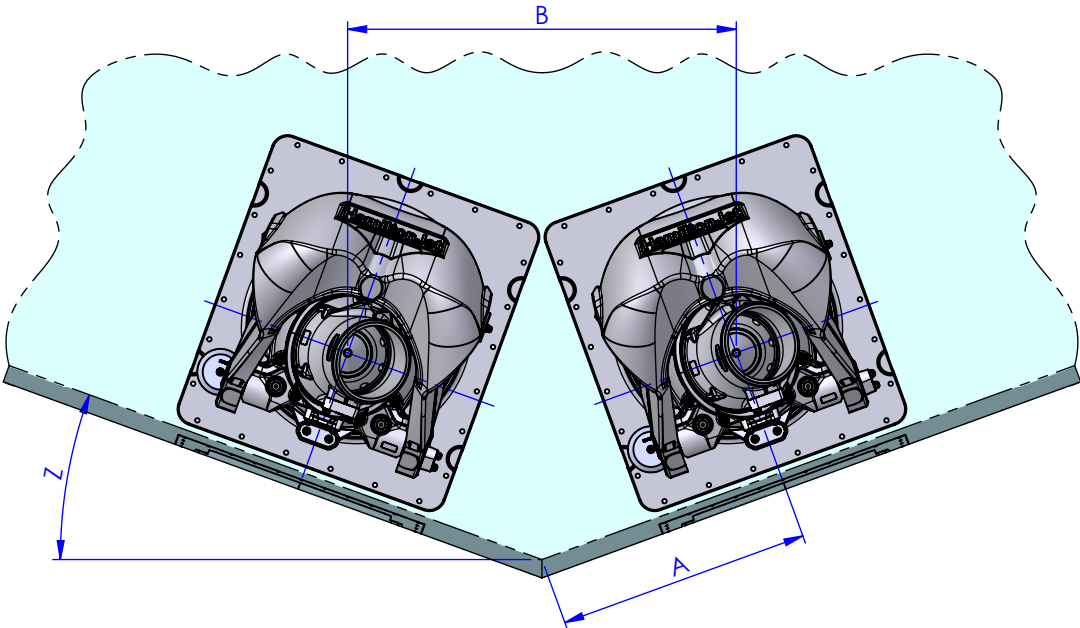
SECTION B-B

TRANSOM CUTOUT DETAILS

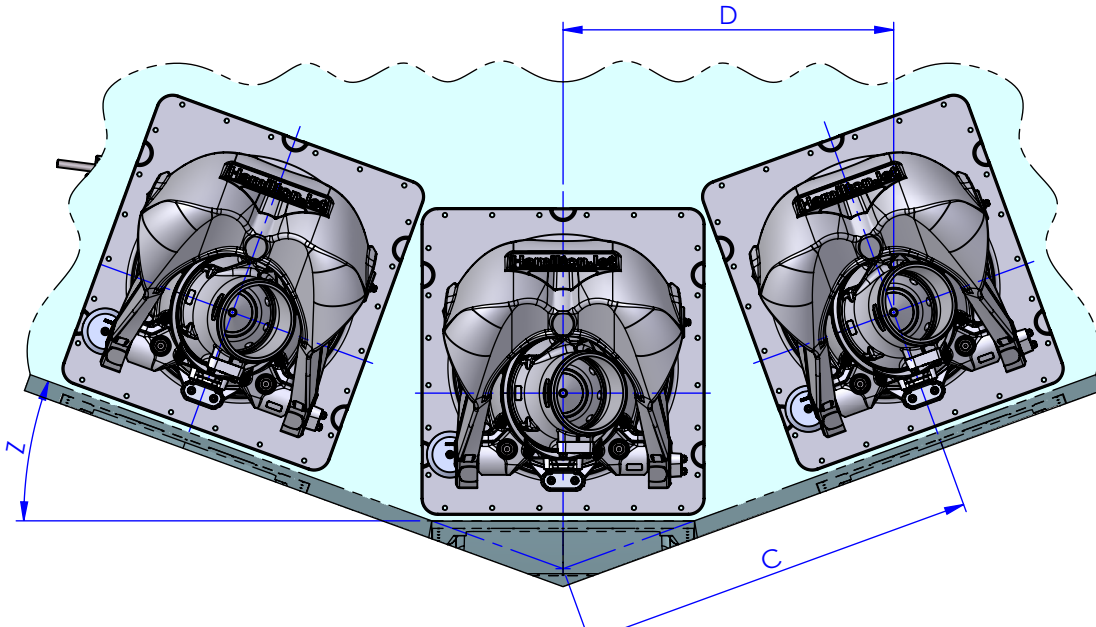


MINIMUM DISTANCE BETWEEN INTAKE BLOCK BASES

DEADRISE 'Z'	TWIN JET				TRIPLE JET			
	DIM 'A'		DIM 'B'		DIM 'C'		DIM 'D'	
0°	331	305*	662	610*	662		662	
5°	369	360*	688	670*	702		676	
10°	417		727		744	741*	686	683*
15°	475		778		789	783*	692	686*
20°	536		823		843		700	
25°	602		863		905		706	
* FOR MANUAL CONTROLS ONLY								



TWIN JET INSTALLATION (SCALE 1:16)



TRIPLE JET INSTALLATION (SCALE 1:16)

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DOCUMENT TITLE

INSTALLATION DETAILS FOR HJX29 - 5° SHAFT CENTRE LINE

CHANGE SUMMARY

FIRST RELEASE

REVISION A

REFER TO ECN 32886 FOR DETAILS

REVISED:

M.GLA

31-03-2020

UNLESS OTHERWISE SPECIFIED

ALL DIMENSIONS IN MILLIMETRES

REMOVE ALL SHARP EDGES & BURRS

UNTOLERANCED DIMENSIONS & SURFACE FINISH

GENERAL: ± 0.5 HOLES: ± 0.2 ANGULAR: ± 0.5°

MACHINED SURFACE FINISH: Ra 6.3 µm

SHEET SIZE: A3

DOCUMENT REVIEW:

M.LEW

31-03-2020

ENGINEERING REVIEW:

N.THU

31-03-2020

DRAWN TO HAMJET 085195

3RD ANGLE PROJECTION

SCALE: 1:15

STATE: Released

DWG No: HJX29-700-02 INSTALLATION 5 DEG

REV: A

SHEET 2/2