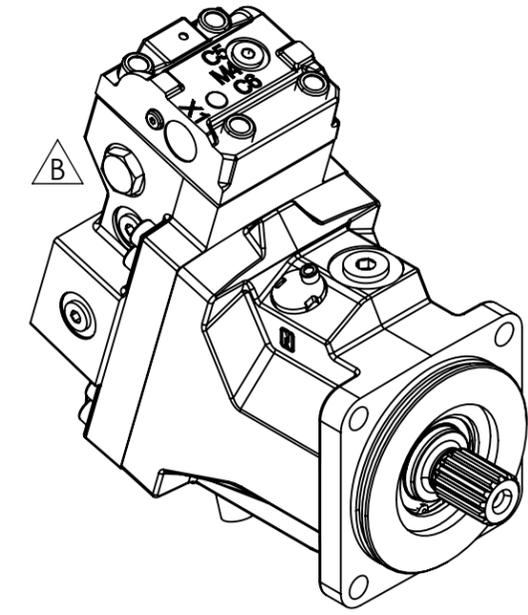


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REVISIONS											MATERIAL											
ECN	REV	DESCRIPTION			ZONE	BY	DATE		PURCHASED													
27700	A	NEW RELEASE				JDS	4/28/2022															
30966	B	UPDATE MODEL			B8, G10	JDS	8/15/2024															

H1 Variable Displacement Motor 60cc/rev

Nomenclature: H1-B-060-A-A-HE-HE-N-B-TA-VS-AS-S-A-10-NN-038-Z-00-NNN
 Material: No matching material number found
 Comments: Propel motor, LeeBoy 8680 paver. Axial ports, 38cc minimum displacement.

Details		
Series	H1	H1 - Series
Product Type	B	Bent-axis variable motor
Frame Size	060	Displacement 60 cc/rev at maximum angle
A:Revision	A	Product version A of H1B series
Z:Port	A	Port configuration: inch according to ISO 11926-1
B:Control	HE	Hydraulic 2 position, system pressure supply, default (without control pressure) = maximum displacement, no pressure compensator override
C:PCOR,BPD	HE	Without pressure compensator override and without brake pressure defeat, internal system pressure supply, use with "HE" control
D:Threshold Setting	N	Not applicable
E:Orifices	B	0.8mm diameter orifices M4 and M5
F:Endcap Type & Ports	TA	Endcap for 2 position and pressure compensator controls, axial ports ISO 6162 Type 1 (metric), use with "E*", "F*", "T*", "P*" and "H*" controls
G:Flange & Housing	VS	SAE-flange motor housing (ISO 3019 / 1), with speed sensor port
H:Shaft & Speed Ring	AS	14 tooth 12/24 pitch ANSI 92.1 1970 class 5, with speed ring
J:Sensor	S	Speed sensor, Deutsch DTM 04-6P connector, 4.5V to 8V
K:Loop Flushing Shuttle System	A	Loop flushing, 6.5 bar shuttle shift pressure
L:Loop Flushing Relief Valve	10	10 l/min, non adjustable, 16 bar cracking pressure
M:Special Hardw Feature	NN	Standard hardware feature 2 position standard
N:Minimum Displacement	038	038 cc/rev minimum displacement setting
P:Maximum Displacement	Z	100% maximum displacement, non adjustable, use with "E*", "F*", "T*", "P*" & "H"
Q:PCOR Setting	00	No pressure compensator override function, use with "L*", "M*", "E*", "F*" and "H*" controls
R:Paint and Nametag	NNN	Danfoss nametag



NOTES:
 1. DANFOSS H1-B-060-A-A-HE-HE-N-B-TA-VS-AS-S-A-10-NN-038-Z-00-NNN

FINISH PER LEEBOY SPECIFICATION DRAWING 1014877														APPROVALS		DATE		1026185																																														
GENERAL FABRICATION TOLERANCE - INCH														DRAWN BY TWJ		04/29/2022		MOTOR, HYDRAULIC, 2 SPEED, H1-B, 60CC, C FLANGE																																														
SURFACE: 250														CHECKED BY SDD		08/15/2024																																																
GENERAL MACHINING TOLERANCE														 ST ENGINEERING LEEBOY, dba LEEBOY 500 LINCOLN COUNTY PARKWAY EXT LINCOLNTON, NC 28092		INFORMATION CONTAINED ON THIS DRAWING IS THE SOLE PROPERTY OF LEEBOY. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF LEEBOY IS PROHIBITED.		PAVER / MULTIPLE																																														
SURFACE: 125																		THIRD ANGLE PROJECTION		SHT SIZE: B																																												
<table border="1"> <tr> <td>></td> <td>0.000</td> <td>3.000</td> <td>12.000</td> <td>24.000</td> <td>48.000</td> <td>96.000</td> <td>120.000</td> <td>240.000</td> <td>0.000</td> <td>1.000</td> <td>3.000</td> <td>6.000</td> <td>12.000</td> <td>36.000</td> </tr> <tr> <td>≤</td> <td>3.000</td> <td>12.000</td> <td>24.000</td> <td>48.000</td> <td>96.000</td> <td>120.000</td> <td>240.000</td> <td>~</td> <td>1.000</td> <td>3.000</td> <td>6.000</td> <td>12.000</td> <td>36.000</td> <td>~</td> </tr> <tr> <td>±</td> <td>0.015</td> <td>0.031</td> <td>0.063</td> <td>0.094</td> <td>0.125</td> <td>0.188</td> <td>0.250</td> <td>0.500</td> <td>0.005</td> <td>0.010</td> <td>0.015</td> <td>0.031</td> <td>0.063</td> <td>0.094</td> </tr> </table>														>	0.000	3.000	12.000	24.000	48.000	96.000	120.000	240.000	0.000	1.000	3.000	6.000	12.000	36.000	≤	3.000	12.000	24.000	48.000	96.000	120.000	240.000	~	1.000	3.000	6.000	12.000	36.000	~	±	0.015	0.031	0.063	0.094	0.125	0.188	0.250	0.500	0.005	0.010	0.015	0.031	0.063	0.094	SHEET SCALE: 1:4		SHT 1 OF 1		PART WEIGHT: 62.50 LBS	
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