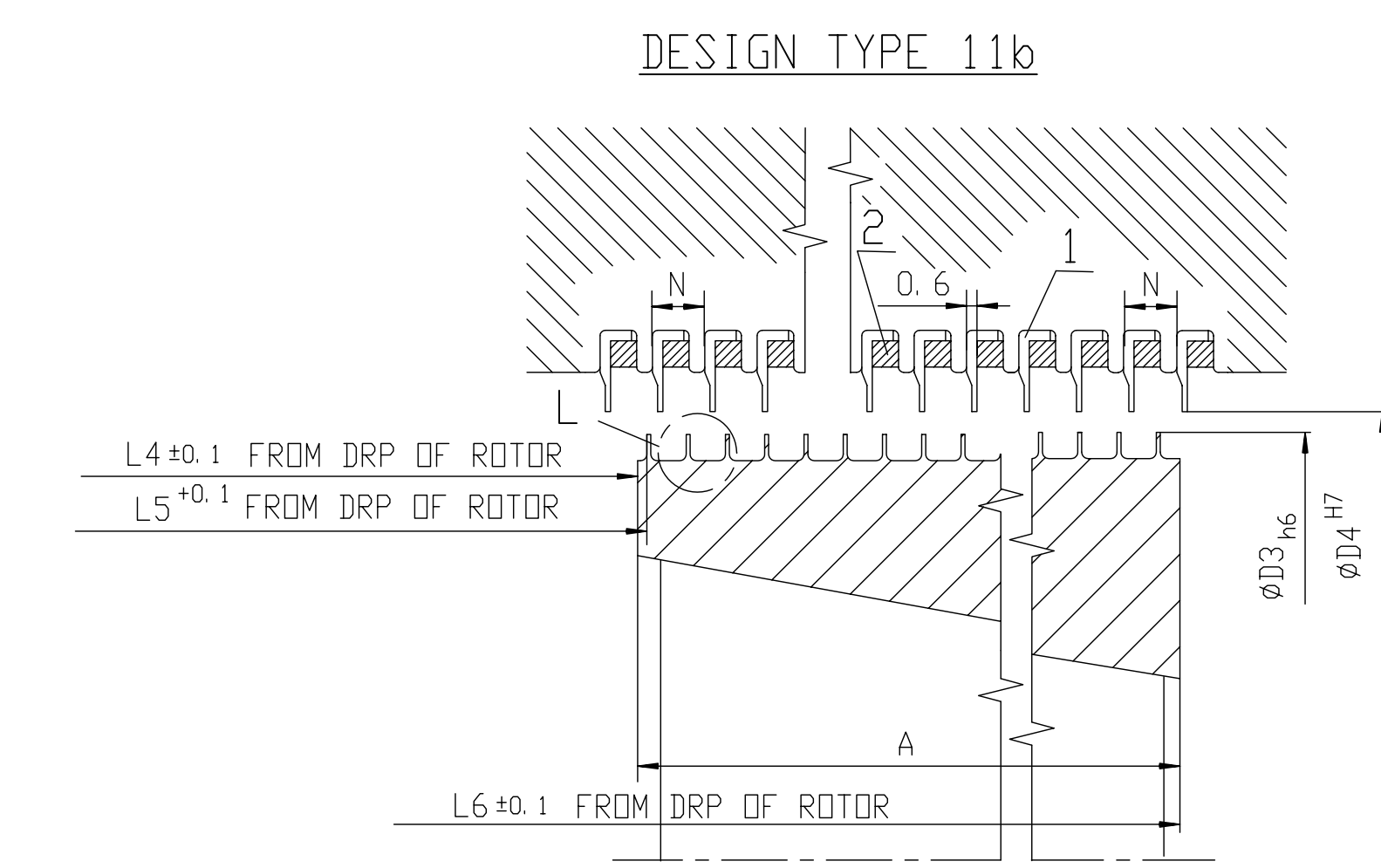


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15-09-2020 10:31:42

GUIDE BLADE DIMENSIONS *H* AND SEALING STRIPS DIAMETER Ø													AXIAL DISTANCE OF BLADE SHROUD					
Stage	H	H1	B1	B2	B3	B4	L1	L2	L3	L4	L5	L6						
1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2	101.6	99.1	1490.0	1491.8	1656.2	1659.0	465.9	---	487.1	1339.7	1341.2	1360.9						
3	122.6	120.1	1490.0	1491.8	1730.2	1732.0	281.1	282.6	302.3	1152.4	1153.6	1176.1						
4	152.6	150.1	1490.0	1491.8	1790.2	1792.0	183.7	184.9	207.4	1048.3	1049.9	1078.7						
5	204.1	201.6	1490.0	1491.8	1893.2	1895.0	68.8	70.9	103.3	925.0	926.3	963.8						



SHROUD PLATE DESIGN OF MOVING BLADE									
Stage	Type	Blade	Casing	b	d	N	A		
1- 2	116	7	15	1.5	3.0	4.0	21.2		
3	116	8	15	1.5	3.0	4.0	23.7		
4	116	10	17	1.5	3.0	4.0	30.4		
5	116	13	15	1.5	3.0	4.0	38.8		

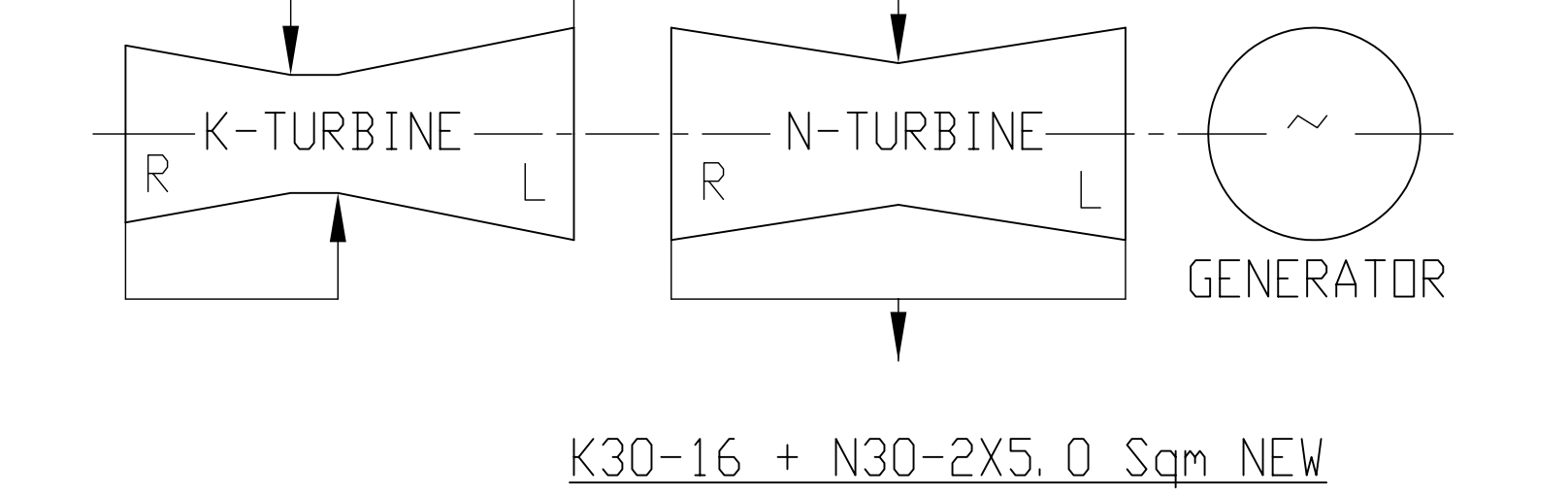
SHROUD PLATE DESIGN OF GUIDE BLADE									
Stage	Type	Blade	Rotor	b	d	N	A		
2,3	12a	7	15	1.5	3.0	4.0	21.2		
4	12a	8	15	1.5	3.0	4.0	23.7		
5	12a	11	18	1.5	3.0	4.0	34.5		

SHROUD PLATE DESIGN OF MOVING BLADE									
Stage	Type	Blade	Casing	b	d	N	A		
1- 2	116	7	15	1.5	3.0	4.0	21.2		
3	116	8	15	1.5	3.0	4.0	23.7		
4	116	10	17	1.5	3.0	4.0	30.4		
5	116	13	15	1.5	3.0	4.0	38.8		

SHROUD PLATE DESIGN OF GUIDE BLADE									
Stage	Type	Blade	Rotor	b	d	N	A		
2,3	12a	7	15	1.5	3.0	4.0	21.2		
4	12a	8	15	1.5	3.0	4.0	23.7		
5	12a	11	18	1.5	3.0	4.0	34.5		

GUIDE BLADE DIMENSIONS *H* AND SEALING STRIPS DIAMETER Ø							AXIAL DISTANCE OF BLADE SHROUD						
Stage	H	H1	D1	D2	D3	D4	L1	L2	L3	L4	L5	L6	
1	---	---	---	---	1656.2	1658.0	465.9	---	487.1	1339.7	1341.2	1360.9	
2	101.6	99.1	1490.0	1491.8	1688.2	1690.0	373.5	375.0	394.7	1247.3	1248.8	1268.5	
3	122.6	120.1	1490.0	1491.8	1730.2	1732.0	281.1	282.6	302.3	1152.4	1153.6	1176.1	
4	152.6	150.1	1490.0	1491.8	1790.2	1792.0	183.7	184.9	207.4	1048.3	1049.9	1078.7	

MINIMUM AXIAL CLEARANCE IN FRONT OF/BEHIND ROTATING BLADE			
TS		GS	
stage in front of	behind	stage in front of	behind
1- 2	23.7(+)	23.7(-)	23.7(+)
3	23.7(+)	3	23.7(-)
4	23.7(+)	4	23.7(-)
5	23.7(+)	5	23.7(-)



- NOTES:
- GROOVE PLAN AS PER DRAWING No. : 9-103-04-62015-00
 - MIN. BLADE CLEARANCES AS PER DRAWING No. : 4-103-04-62016-00
 - RADIAL CLEARANCE NOMINAL VALUE FOR STAGES 1 TO 5 R&L = 0.9mm
 - TOLERANCE ON RADIAL CLEARANCE FOR STAGES 1 TO 5 R&L = +0.2mm
 - WHILE MACHINING OF THE SHROUD DIMENSIONS CARE IS TO BE TAKEN SUCH THAT THE PROFILE IS NOT DAMAGED.

TYPE OF PRODUCT OR NAME OF CUSTOMER/PROJECT
N30-2x5.0NEW CCGP

BHARAT HEAVY ELECTRICALS LIMITED
HYDERABAD

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