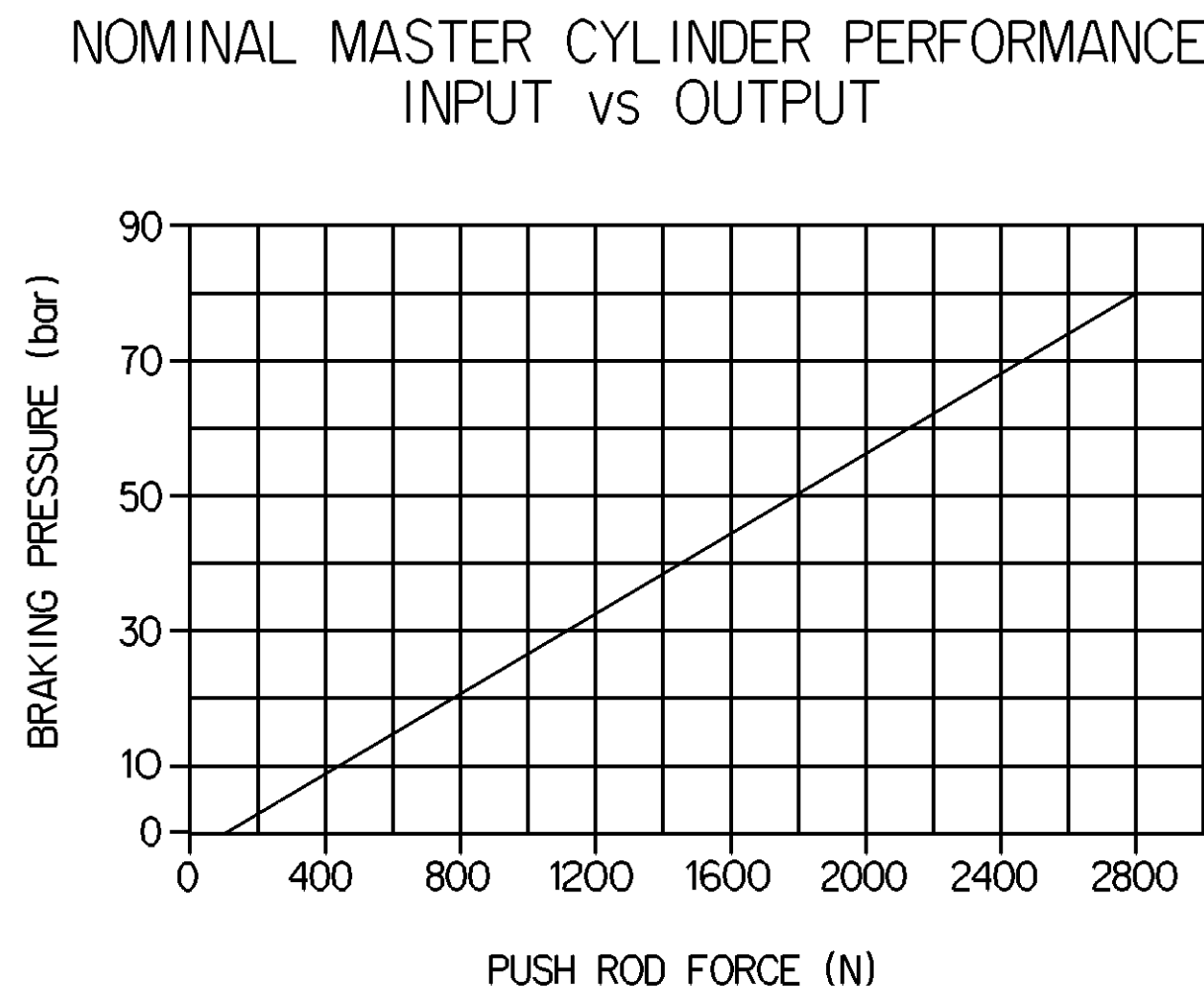
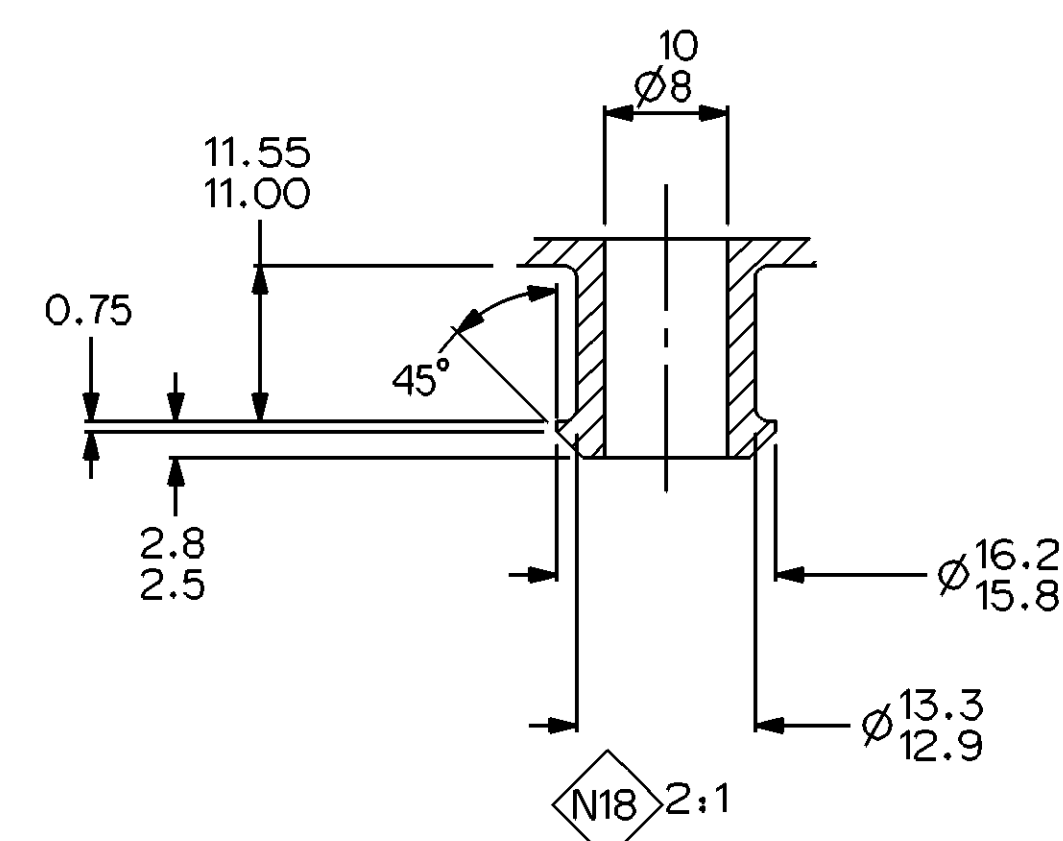
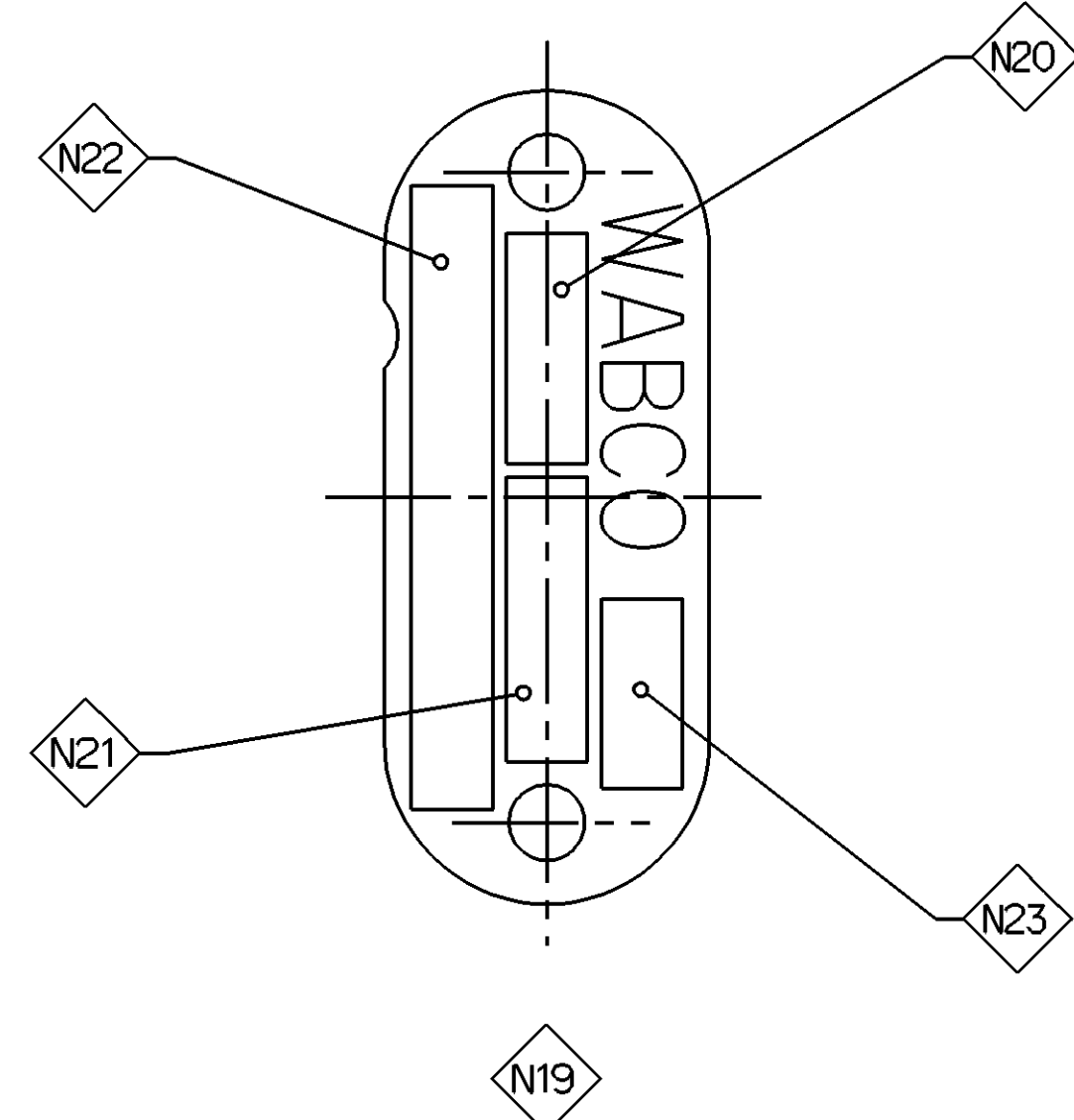




B	ISS	ALTERATIONS		D.H.C.
	NO.	DATE	PARTICULARS	
	1.0	19/12/05	DISCUSSION ONLY.	
	2.0	10/01/06	DESIGN RELEASE.	
	3.0	10/03/06	PRODUCTION ISSUE.	
			NPA2150	
			NPA2150	
	3.1	25/04/06	CHANGES IN LINE WITH	
			CON20201B	
	3.2	25/04/06	CHANGES IN LINE WITH	
			CON20201B	
	3.3	05/07/06	CHANGES IN LINE WITH	
			CON202036	
A				



N	NOTES
1	MAXIMUM.
2	MINIMUM.
3	MAXIMUM PUSH ROD TRAVEL.
4	CENTRELINE OF SWITCH CONTACT.
5	MINIMUM PRIMARY DISPLACEMENT 2.0ml.
6	MINIMUM SECONDARY DISPLACEMENT 2.0ml.
7	RECOMMENDED TUBE NUT TIGHTENING TORQUE 14 to 20 Nm.
8	CENTRE OF PUSH ROD ARTICULATION.
9	DUST PLUGS FITTED FOR STORAGE AND TRAVEL ONLY.
10	PLANT MANUFACTURING INDEX, DATE OF MANUFACTURE, TESTERS MARK & DATE & CUSTOMERS PART NO. TO BE STAMPED ON LABEL.
11	SCHEMATIC REPRESENTATION OF MASTER CYLINDER.
12	PORT DETAILS.
13	MIXO-6H PORT TAPPING.
14	MAXIMUM ANGULAR DISPLACEMENT OF PUSHROD IN ANY DIRECTION AND AT ANY POINT OF STROKE.
15	INSTALLATION POSITION RELATIVE TO HORIZONTAL $\pm 5^\circ$.
16	PERFORMANCE GRAPH.
17	#
18	#
19	RECOMMENDED RESERVOIR INLET FORM.
20	LABEL DETAILS.
21	WEEK AND YEAR OF MANUFACTURE.
22	DATE OF MANUFACTURE AND TESTERS CODE.
23	WABCO IDENTIFICATION NUMBER:- 469 411 007 0
24	MANUFACTURING PLANT INDEX CODE:- 171
25	OPTIONAL FEATURE.
26	FIRST THREAD.

	TECHNICAL DATA:- (NOMINAL VALUES)
L	SECONDARY SPRING FITTED LOAD = "45N" (ACTUAL NOMINAL 43.8N) SIMULATED TRAVEL = 5.7mm
	MAIN SIMULATION SPRING RATE = 240N/mm
K	COUNTRY OF ORIGIN :- UNITED KINGDOM.
J	CASTING SURFACE TREATMENT:- ZnNi + PASSIVATE + SEALANT (CHROME 6 FREE)
H	ASSEMBLY TO BE PROTECTED FROM CONTINUAL ROAD SPLASH. CONTAMINATION BY MINERAL OIL, FUEL AND BATTERY ACID TO BE PREVENTED.
G	FIGURES IN BRACKETS () ARE FOR REFERENCE ONLY.
F	ESTIMATED DRY WEIGHT : 2.60kg
E	TRAIL SWITCH - AMP SUPERSEAL 1.5 SERIES. 3 POLE HOUSING WITH 2 CONTACTS. SWITCH CONTACTS - MAKE CONTACT WHEN ACTUATED. SWITCH VOLTAGE - 8 - 32V DC. SWITCH CURRENT - 2 - 10mA. MAX SWITCHING CAPACITY - 0.12W. SWITCH MUST OPERATE BETWEEN 1 TO 3mm OF PUSH ROD TRAVEL.
D	AP HYDRAULICS ASSEMBLY NUMBER- LB84A004A CUSTOMER PART NUMBER - 468 411 007 0
C	OPERATING PARAMETERS:- MAXIMUM TEMPERATURE:- CONTINUOUS- 70°C PEAK- 110°C MINIMUM TEMPERATURE, CONTINUOUS- -20°C PEAK- -40°C MAXIMUM LOAD ON PUSH ROD 17.8KN. ONLY BRAKE FLUIDS APPROVED BY AP HYDRAULICS & CONFORMING TO DOT3, DOT4 OR DOT5.1 TO BE USED.

A		#		N		#		GENERAL NOTES	
PDM DATABASE				MATERIAL					
RELEASE LEVEL				TREATMENT					
				DRAWN					
				JW		DATE		19/12/05	
DES ✓ #				TITLE					
REMOVAL ✓ #				ASSEMBLY OF DIAMETER 20.6					
				TANDEM MASTER CYLINDER					
SHEET 1 OF 1				PART NUMBER					
ORIGINAL SCALE 1:1				LBHAA0004ACD					
ORIGINAL SIZE AO									
				BPM 170					

UNLESS OTHERWISE STATED
 LINEAR TOLERANCES ± 0.25
 ANGULAR TOLERANCE $\pm 2^\circ$
 MAX SURFACE FINISH: BY ANY METHOD
 ON MACHINED SURFACES
 WITHOUT FURTHER TREATMENT
 DIMENSIONS AFTER TREATMENT AND
 DRAWINGS TO B.S.308. THREADS
 REMOVE ALL BURRS

[illegible]**WABCO**