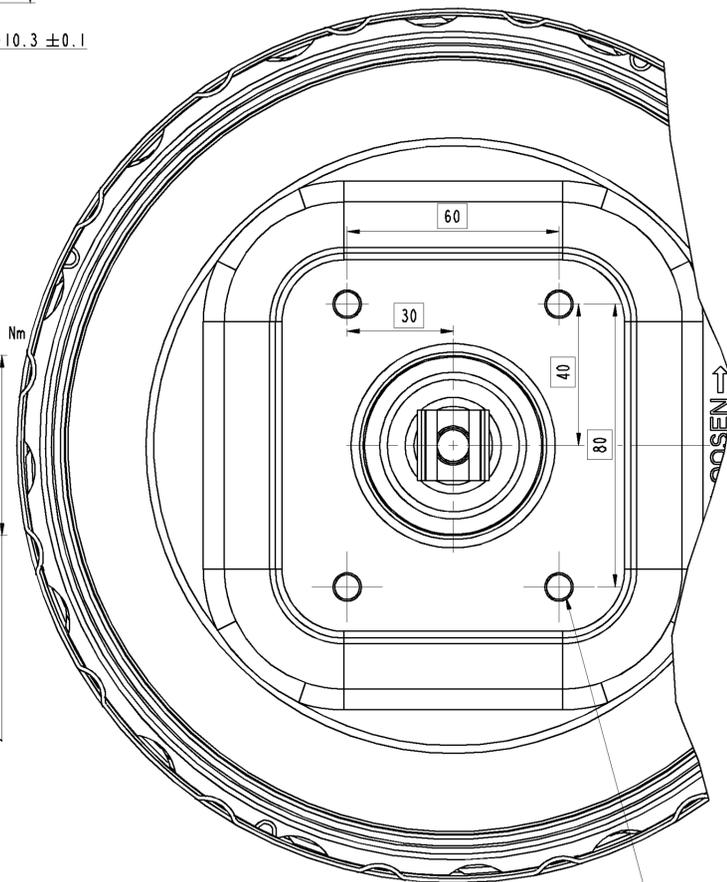
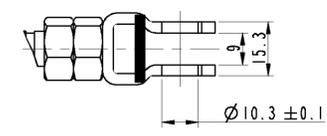
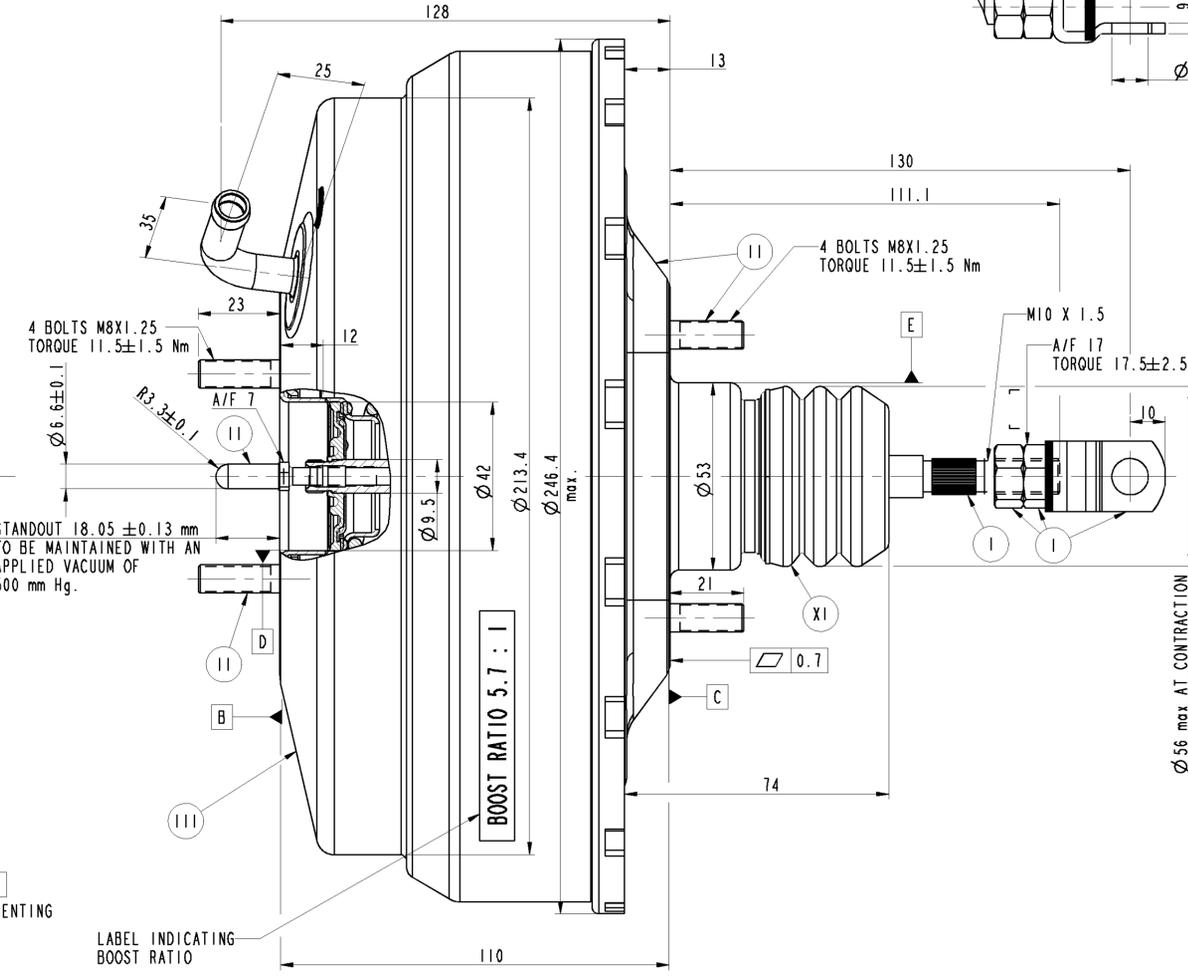
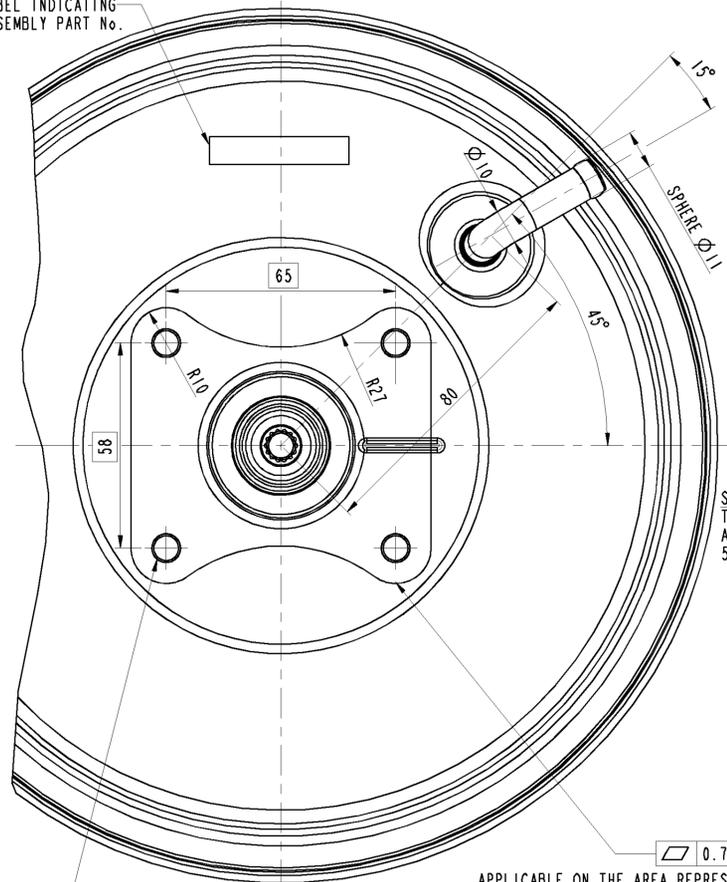


PART No. M450820 GA

ENGINEERING CHANGES				
ECN No.	DATE	REV	SIGN	ASK
10309	10.08.06	N		
10654	16.03.07	1	KN	
DIM 18.05±0.13 was 17.37±0.13. Drawing redrawn.				
12083	16.03.11	2	RBS	
Drawing template WABCO was WABCO-VS (India) Ltd. Drawing pictorially modified inline with parts. Drawing redrawn.				

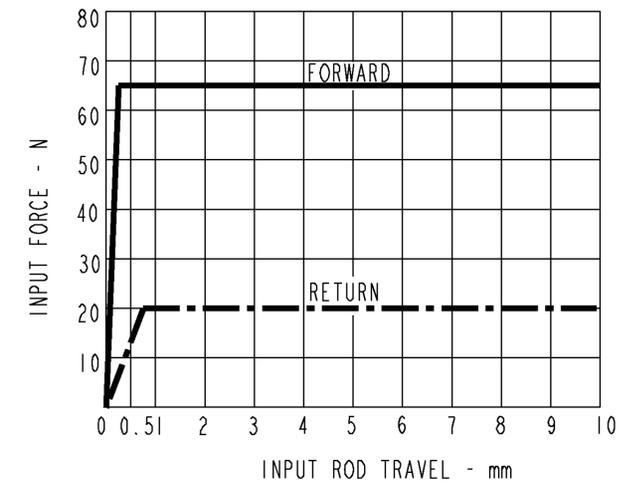
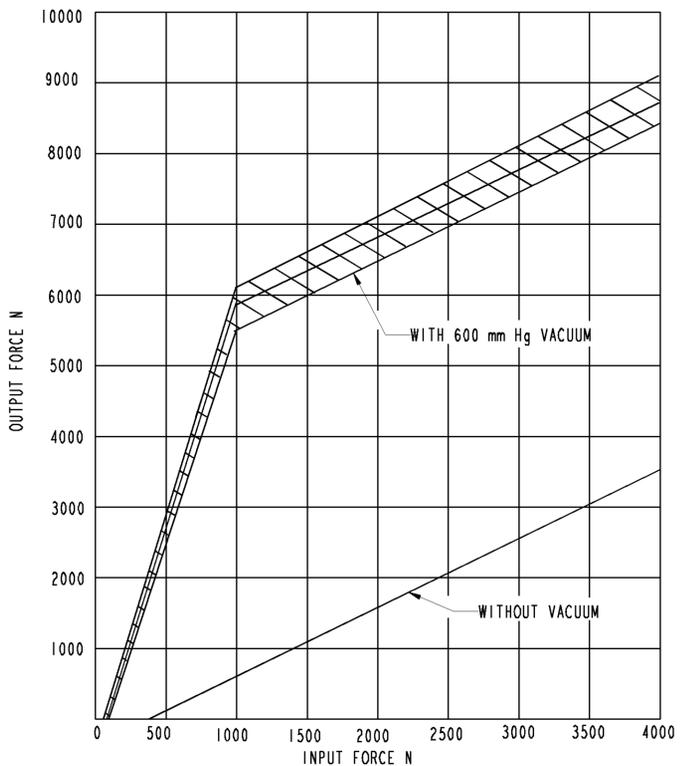
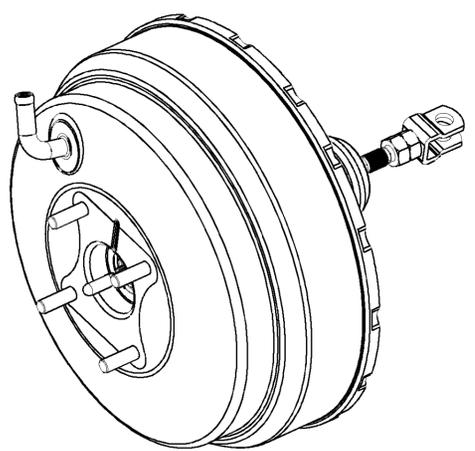
DO NOT SCALE IF IN DOUBT ASK

LABEL INDICATING ASSEMBLY PART No.



INPUT FORCE Vs OUTPUT FORCE  
BOOST RATIO: 5.7:1  
STROKE: 23 mm

INPUT ROD TRAVEL Vs INPUT FORCE  
STROKE : 10 mm  
600 mm OF Hg



- NOTES:
- NOMINAL DIAMETER 225 X 200 mm.
  - BOOSTER TO BE USED IN CONJUNCTION WITH MASTER CYLINDER WHOSE STROKE DOES NOT EXCEED 31 mm.
  - PRODUCT SPECIFICATION No. PSSC 144C , ISSUE No. 5, DATE 26.05.2006.
  - ANGLE SHIFT ALLOWED BETWEEN FRONT HOUSING AND REAR HOUSING BOLTS- 1° max.
  - WEIGHT (Kg) : 4.3.

- CRITICAL
- MAJOR
- NO SYMBOL - MINOR

XVII	STEEL	NO TREATMENT
XVI	CAST IRON	PLATED
XV	STEEL	ZINC IRON PLATED
XIV	CAST IRON	NO TREATMENT
XIII	ZINC ALLOY	ANODISED
XII	PLASTIC	NO TREATMENT
XI	RUBBER	NO TREATMENT
X	STAINLESS STEEL	NO TREATMENT
IX	BRASS	NO TREATMENT
VIII	ZINC ALLOY	CHROMATED
VII	ALUMINIUM ALLOY	ANODISED
VI	ALUMINIUM ALLOY	CHROMATED
V	CAST IRON	PAINTED
IV	STEEL	POWDER COATED
III	STEEL	PAINTED
II	STEEL	PHOSPHATED
I	STEEL	ZINC PLATED
PART MATERIAL CODE		SURFACE PROTECTION

SIGN	DATE	MATERIAL	----
DRN KA	15.03.11	ALTERNATE MATERIAL	----
CHD RBS	15.03.11	SURFACE PROTECTION	REFER TABLE
APD SN	15.03.11	RAW PART No.	----

CONFIDENTIAL DRAWING  
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UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS IN mm.  
REMOVE BURRS AND SHARP EDGES FROM FINISHED PARTS. ALL DIMENSIONS ARE AFTER SURFACE PROTECTION/TREATMENT.  
MALE THREAD TO IS 14962 (PART3) 6H : 2001  
FEMALE THREAD TO IS 14962 (PART3) 6H : 2001

GENERAL TOLERANCES			
RANGE OF NOMINAL DIMENSIONS (± mm)			
≤ 50	50 - 180	180 - 400	> 400
1	2	3	4

FORCE, POWER, PRESSURE etc., (± %)

SCALE 1:1000

**WABCO**  
AMBATTUR, CHENNAI - 600058, INDIA  
**DOUBLE DIAPHRAGM VACUUM  
RAKE VALVE**

PART No. M450820 GA