

PART No. **M594070** GA

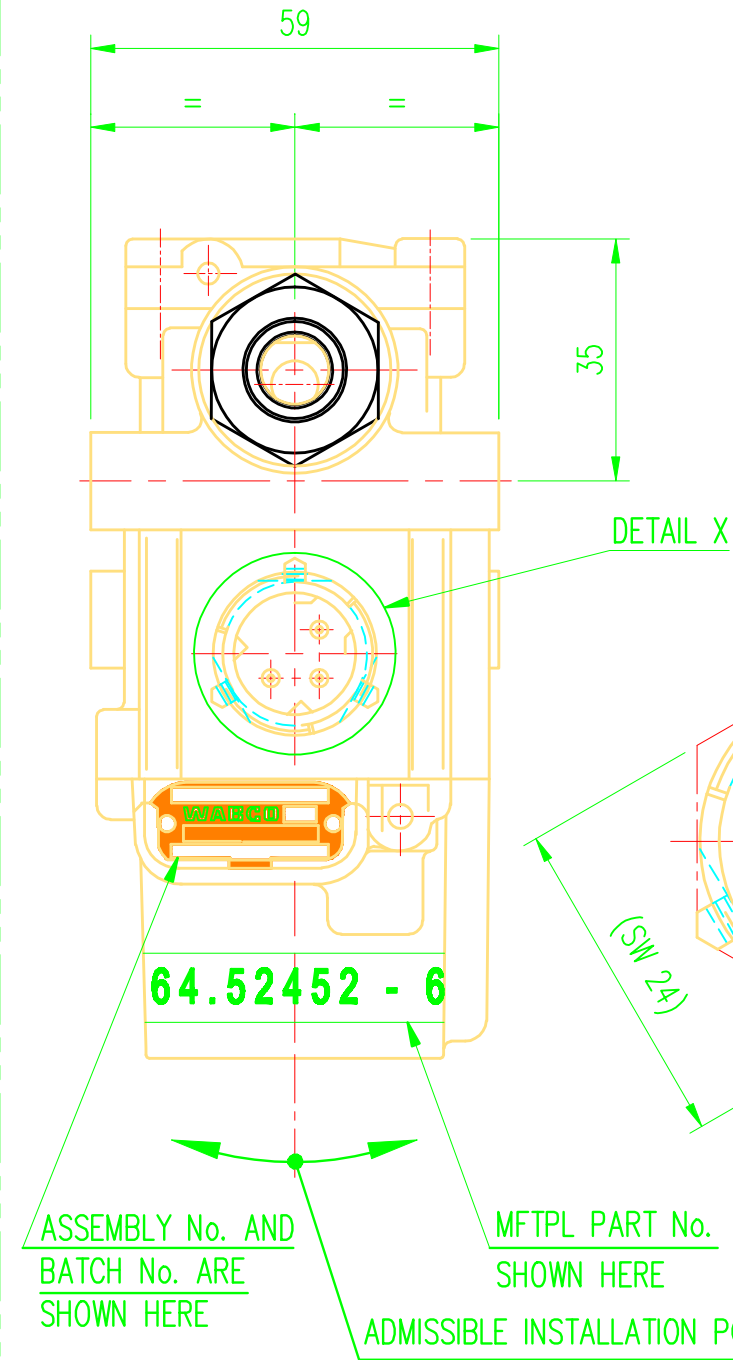
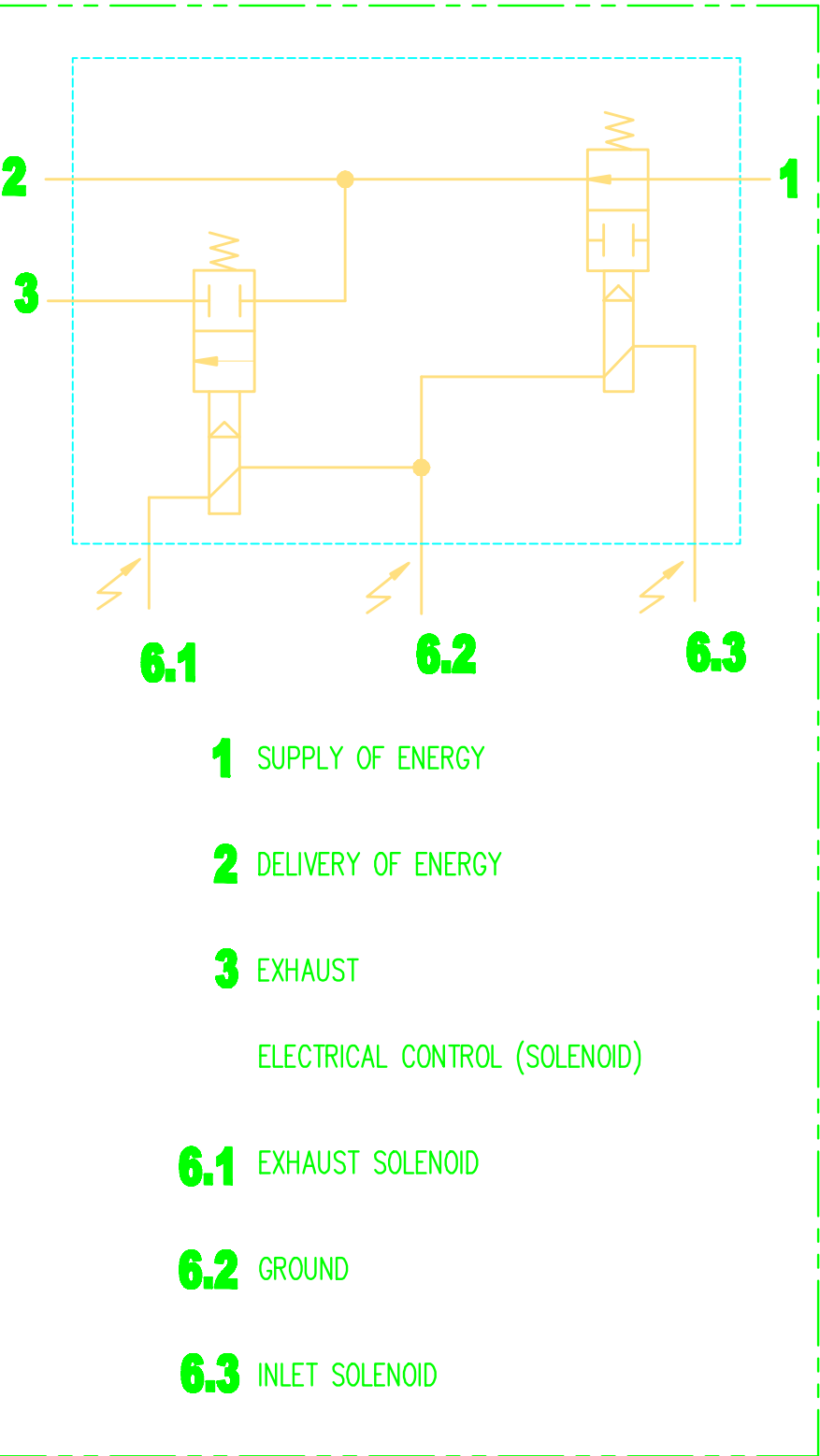
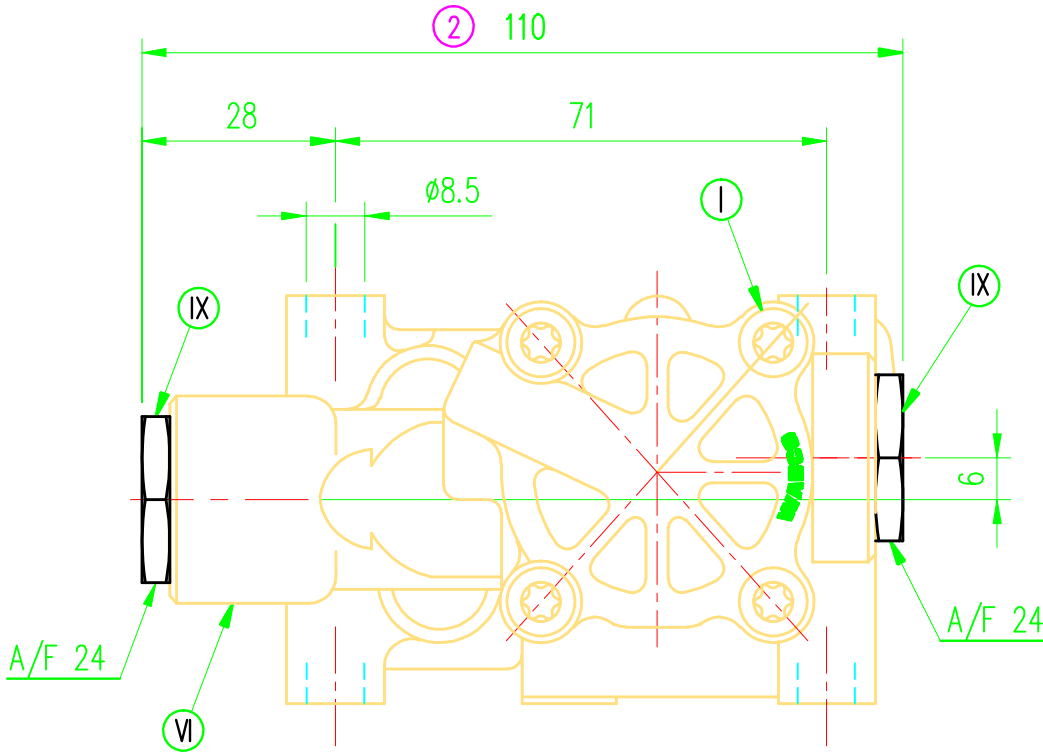
DO NOT SCALE IF IN DOUBT ASK

ENGINEERING CHANGES			
ECN No.	DATE	REV	SIGN
11021	17.11.07	New	RBS
11097	09.02.08	1	RBS
Voltage labels are shown both side was one side. Drawing redrawn.			
11232	08.07.08	2	RBS
In delivery port, VOSS conventional adaptor with sealing ring deleted.			
DIM 110 was 137.5. Drawing redrawn.			
12083	16.03.11	3	RBS
Drawing template WABCO was SUNDAM CLAYTON LTD. Drawing pictorially modified inline with parts. Drawing redrawn.			

THE VALVE CORRESPONDS TO THE REGULATIONS FOR ELECTROMAGNETIC DEVICES ACCORDING TO VDE 0580

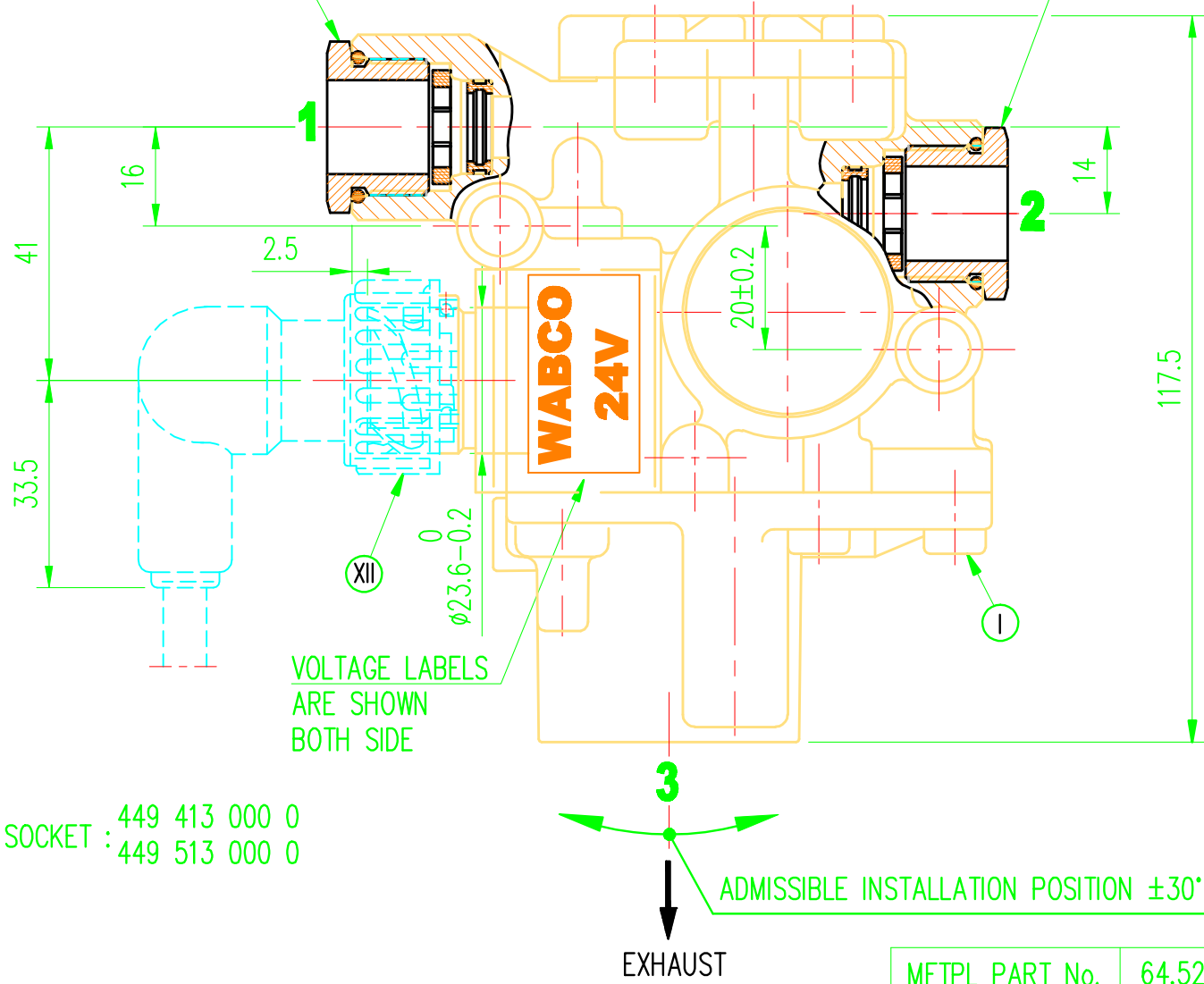
WORKING MEDIUM : AIR
OPERATING VOLTAGE : $U_n=17.5 \text{ V TO } 28 \text{ V DC}$
NOMINAL CURRENT : $I_n \leq 1.65 \text{ A}$
SERVICE CONDITION : DISCONTINUOUS SERVICE – DUTY CYCLE – ED – 20% / 5 min.
TYPE OF PROTECTION : IP 67 / IP 69K
PROTECTION CLASS : III VDE 0580
WORKING PRESSURE : $p_e = 11 \text{ bar max.}$
THERMAL RANGE OF APPLICATION : $-40^\circ\text{C TO } +80^\circ$

FOR FURTHER TECHNICAL DATA REFER
WABCO PRODUCT SPECIFICATION No. 472 195 016 0
DOC. CODE 435



INLET CONNECTION-M22x1.5
TO SUIT VOSS PLUG IN SYSTEM 230
TORQUE $10 \pm 1 \text{ Nm}$

DELIVERY CONNECTION M22x1.5
TO SUIT VOSS PLUG IN SYSTEM 230
TORQUE $10 \pm 1 \text{ Nm}$



SOCKET : 449 413 000 0
449 513 000 0

EXHAUST MFTPL PART No. 64.52452 – 6001

ELEELTRICAL CONTROL : DIN 72585-A1-3.1-Sn/K1

● 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 CODE	MATERIAL	SURFACE PROTECTION
DRN	BSN	13.03.11
CHD	RBS	13.03.11
APD	SN	13.03.11

SIGN	DATE	MATERIAL	---
DRN	BSN	13.03.11	ALTERNATE MATERIAL
CHD	RBS	13.03.11	SURFACE PROTECTION
APD	SN	13.03.11	RAW PART No.

CONFIDENTIAL DRAWING
THIS DRAWING IS THE SOLE PROPERTY OF WABCO. IT SHOULD NOT BE COPIED OR COMMUNICATED TO ANY PERSON WITHOUT THE WRITTEN APPROVAL OF WABCO.

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 (Part 3) 6h : 2001
FEMALE THREAD TO IS 14962 (Part 3) 6H : 2001

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

FORCE, POWER, PRESSURE etc.,	(± %)
10	3

SCALE	1:1
1:1	

SOLENOID MODULATOR VALVE
REAR AXLE
(24V VOSS VERSION)

PART No. **M594070** GA

WABCO

AMBATTUR, CHENNAI – 600058, INDIA