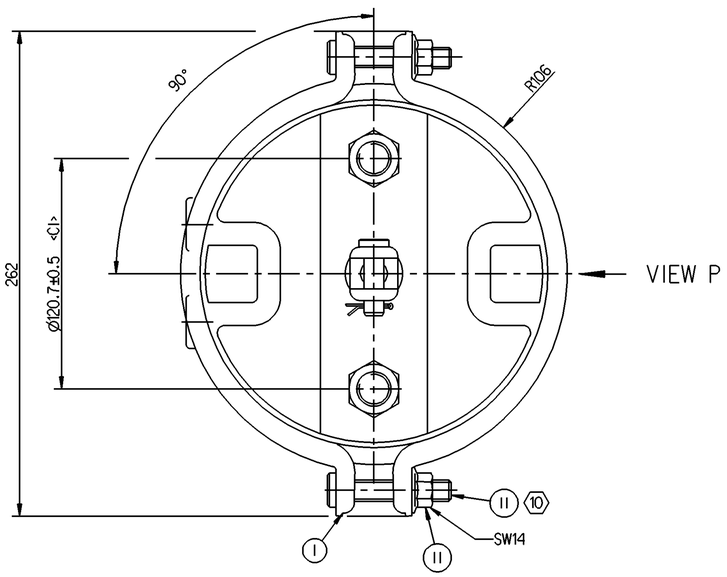
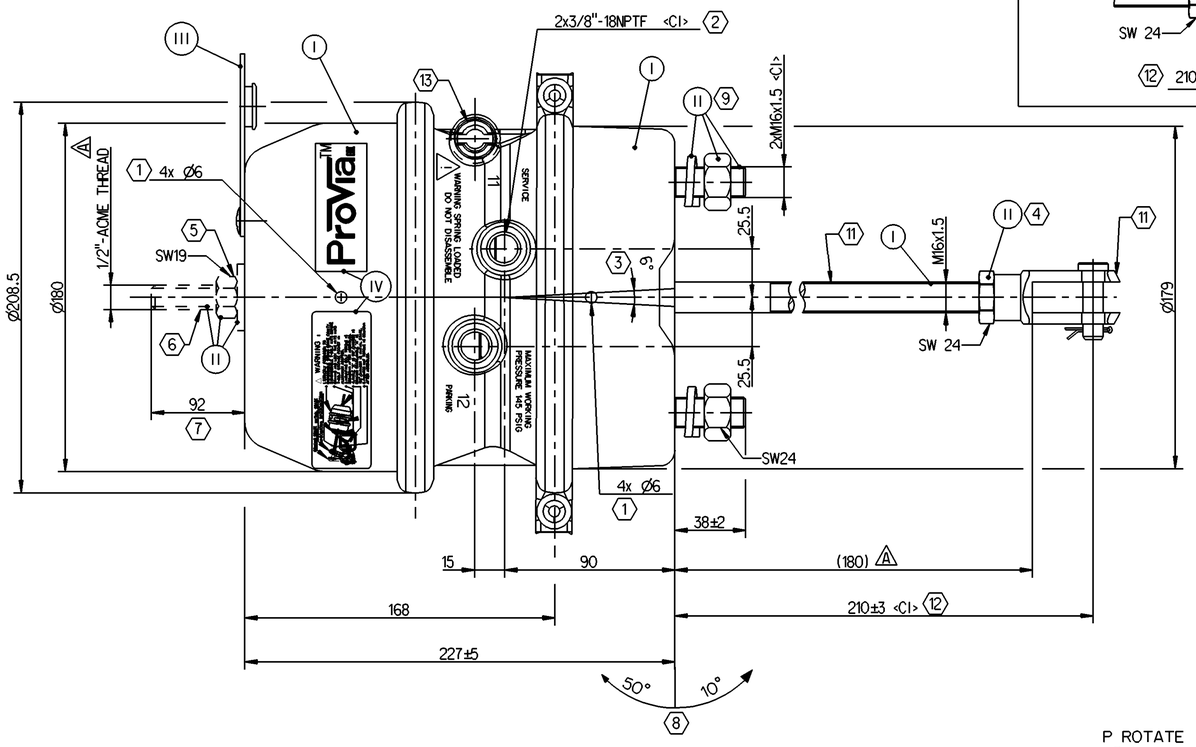
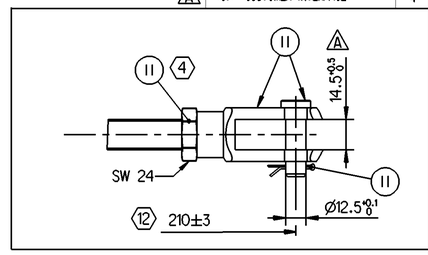
EXTERNAL SURFACE	
I	ELECTRO-PAINTING
II	ZINC PLATED WITH CRG+ FREE
III	HARD POLYETHYLENE
IV	STICKER

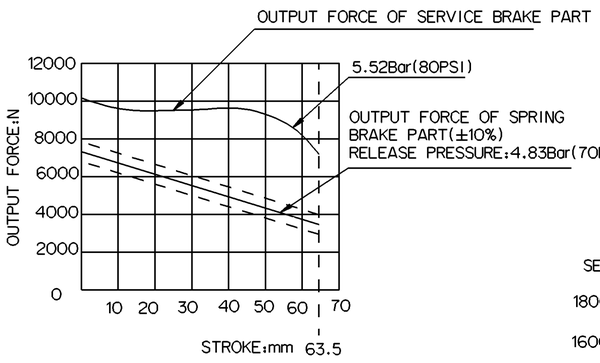
◁▷	SAFETY CHARACTERISTICS	0
◁▷	SIGNIFICANT CHARACTERISTICS	0
⚠ <CI>	CUSTOMER INTERFACE	4

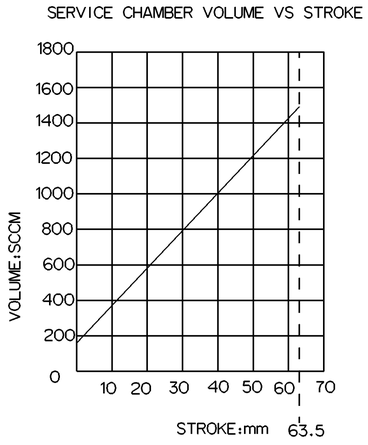


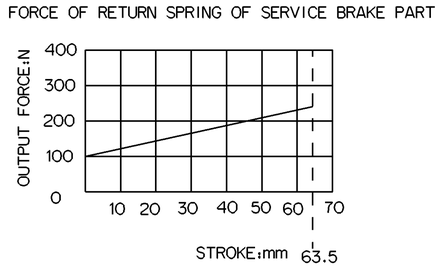




GRAPHS FOR INFORMATION ONLY







(1) OPEN BREATHER HOLE DEFLECTION ANGLE ±30°

(2) TORQUE: 45±5Nm; THREAD PLUG IS INSTALLED

(3) DEFLECTION MAX 6° AT 0mm STROKE

(4) TORQUE: 80±10Nm

(5) TORQUE: MAX 25Nm

(6) CONDITION AS SUPPLIED: POWER SPRING IS NOT COMPRESSED

(7) SIZE WHEN SPRING COMPRESSED

(8) PARTIAL DEFLECTION ANGLE ALLOWED

(9) TORQUE: 220±20Nm

(10) TORQUE:≥ 25Nm

(11) DURING DELIVERY CONDITION YOKE WILL BE ASSEMBLED WITH PUSH ROD WITH LIMITED TORQUE. YOKE NEED TO BE TIGHTENED WITH TORQUE OF 80±10Nm BY CUSTOMER DURING INSTALLATION IN VEHICLE. ⚠A

(12) STAND-OUT DIMENSION AFTER ASSEMBLING YOKE

(13) TIGHTENING TORQUE: 20±5Nm ⚠A

TECHNICAL REQUIREMENT:

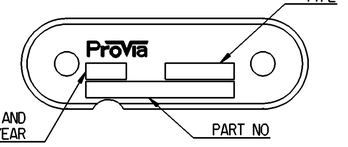
1.STROKE:PARKING CHAMBER: ≥ 63.5mm (2.5")
SERVICE CHAMBER: ≥ 63.5mm (2.5")

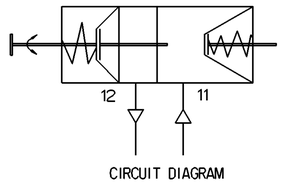
2.WORKING PRESSURE
APPLIED PRESSURE: 8Bar(116 PSI)
MAX.WORKING PRESSURE: 10Bar (145 PSI)

3.WORKING TEMPERATURE: -40℃....+80℃ (-40℉...+176℉)

4.THE DRAWING IS AT CAGED CONDITION,PARKING CHAMBER WILL BE AT UNCAGED CONDITION DURING SHIPMENT

P ROTATE
2:1





CIRCUIT DIAGRAM

General Specification: ISO 8015, JED-334-1, Size ISO 14405 LP							
Further Technical Data: PRO 000 0016 0							
Doc. Code: 035				Sheet: 1 To 7			
General Tolerances JED-261							
Class 1)	Range of Nominal Dimensions (± mm) ≤ 50	> 50 ≤ 180	> 180 ≤ 400	> 400	∠		
Fine		±0.5	±1	±1.5	±2		
Medium	X	±1	±2	±3	±4	±3°	
Coarse		±2	±3.5	±5	±6.5		
Topped Holes acc. -							
1) Tolerance Class Applied Crossmarked							

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Date	Signature
Drawn 2023-05-08	Murugan
Checked 2023-05-09	Manivannan

Dimensions in mm

ProVia

DOUBLE DIAPHRAGM SPRING BRAKE 30/30-2.5"

Mass	Scale	Material No.	Date of first issue: 2023-05-09		
9.1 kg	NTS	PRO 712 714 0	Doc.Code 005	Language EN	Sheet 1/1
Size A 1	CAD System CREO	ECN-No. 514015	Revision 6x A	Techn. Resp. 5420_AM	Replacement for -

100mm

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