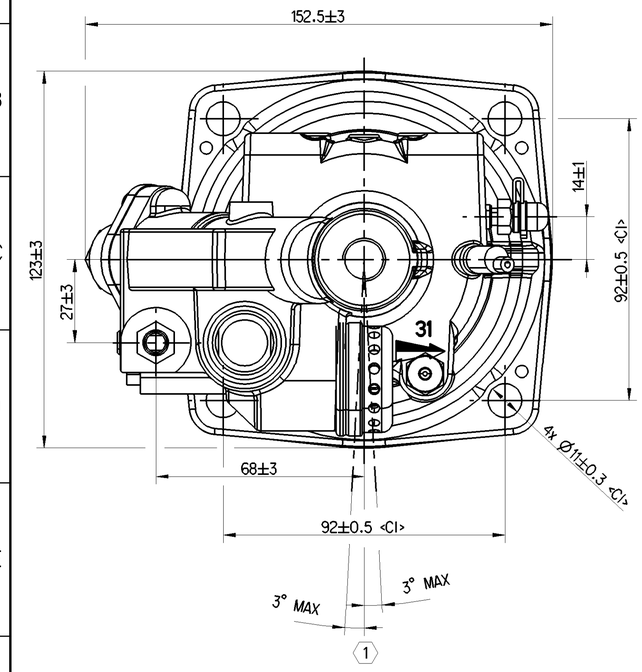
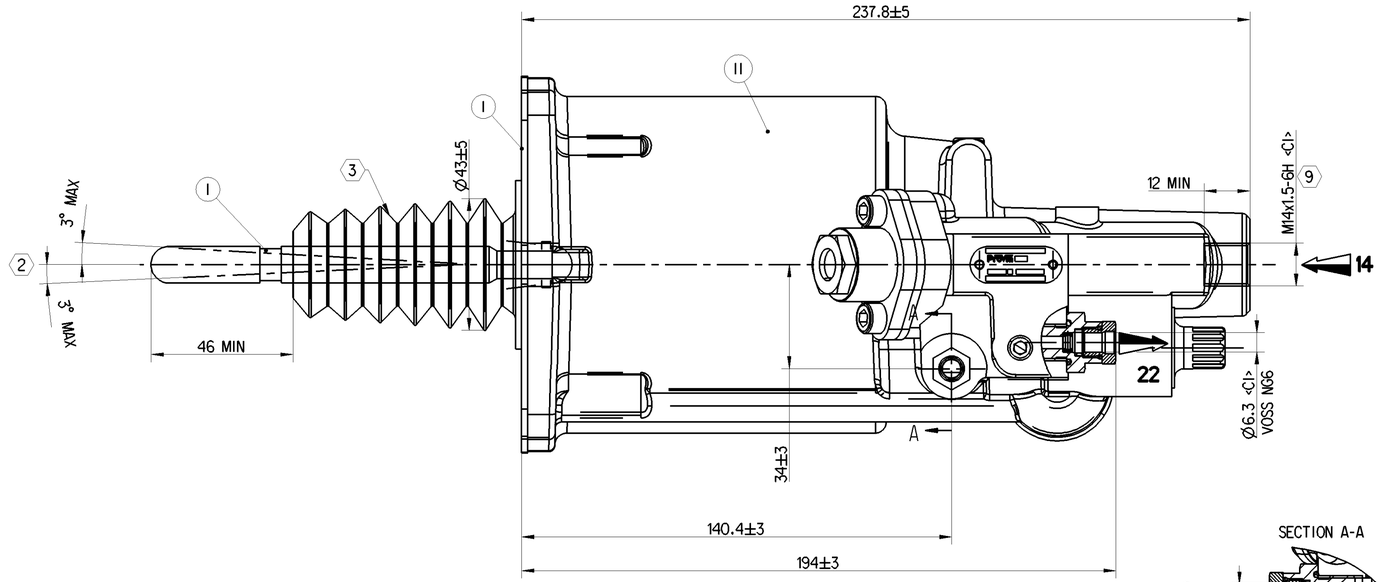
POS	MATERIAL	SURFACE PROTECTION
III	STEEL	SALT BATH (BLACK)
II	ALUMINIUM	HARD ANODIZING
I	STEEL	GALVANIZED (WHITE)

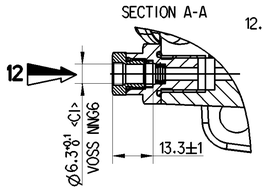
<1> SAFETY CHARACTERISTICS	0
<2> SIGNIFICANT CHARACTERISTICS	0
<CI> CUSTOMER INTERFACE	8



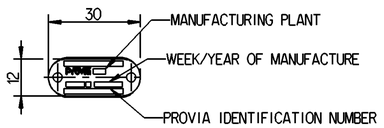


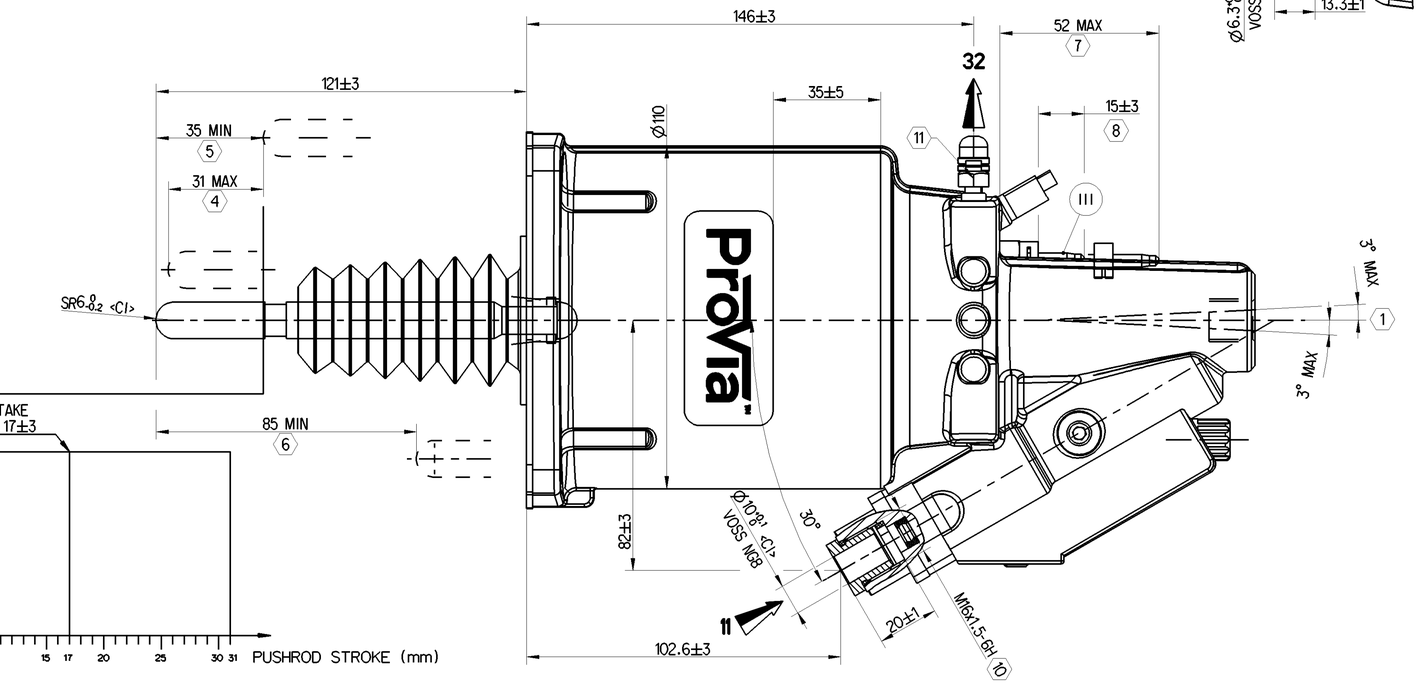
TECHNICAL INFORMATION

1. HYDRAULIC TANK DIA : Ø22mm
2. AIR TANK DIA : Ø102mm
3. HYDRAULIC WORKING PRESSURE 4MPa
4. HYDRAULIC WORKING PRESSURE MAX 12MPa
5. AIR WORKING PRESSURE MAX 1MPa
6. WORKING TEMPERATURE : -40°C TO +80°C
7. MEDIUM
   HYDRAULIC MEDIUM : DOT 4 BASED BRAKE FLUID IN ACCORDANCE WITH SAE J 1703
   PNEUMATIC MEDIUM : AIR
8. OIL VOLUME INPUT : V=(SHxC)+K
   K : ABSORPTION AT 120 BAR FOR C=0, K<1.5cm³
   SH : HYDRAULIC SECTIONAL AREA = 3.8 cm²
   C : GEAR DISENGAGING STROKE
9. OPEN PORTS ARE FITTED WITH CLOSURE PLUG FOR STORAGE AND TRANSMIT PURPOSE
10. CAUTION : DO NOT ACTUATE THE DEVICE IF NOT FITTED ON ITS MOUNTING BRACKET
11. WITH STROKE WEAR INDICATOR
12. DO NOT OPERATE THIS PRODUCT WITHOUT INSTALLATION OR FIXATION ON THE BRACKET

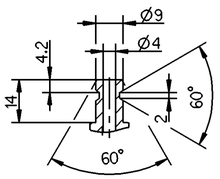


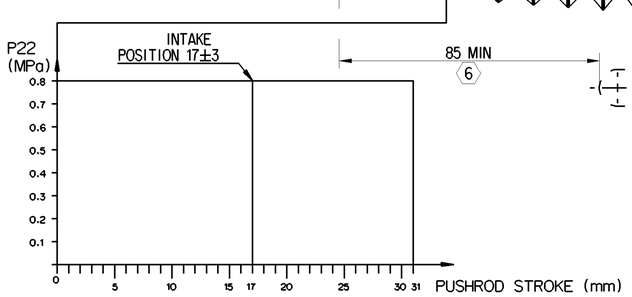
NAME PLATE DETAILS





BLEEDER SCREW END FITTING DETAILS DIMENSION

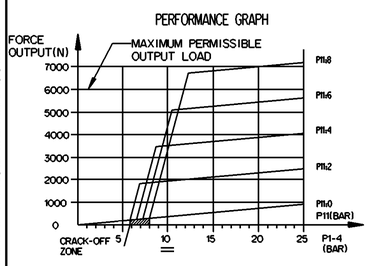




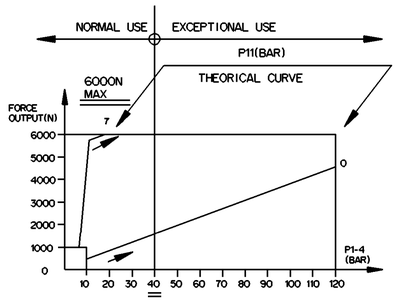
NOTES

1	DEVICE EXTREME POSITION WHEN BLEEDING
2	MISALIGNMENT OF PUSHROD IN ANY DIRECTION
3	BOOT THERMAL RANGE -40°C TO +130°C
4	GEAR DISENGAGING STROKE
5	POSITION TO NOTE (CLUTCH IN NEW CONDITION)
6	STROKE
7	ADJUSTMENT OF WEAR INDICATOR
8	POSITION WHEN DELIVERED
TORQUE FOR CONNECTION	
9	25Nm MAX
10	34Nm MAX
11	5^{+5}_{0} Nm

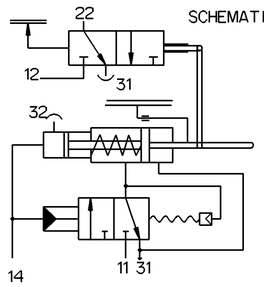
PERFORMANCE GRAPH



CRACK-OFF PRESSURE 6.9±1 BAR WHEN P11=7BAR



SCHEMATIC DIAGRAM



MARKING OF PORTS	
11	AIR INLET
14	OIL INLET
12	AIR INLET
22	AIR OUTLET
31	AIR EXHAUST
32	BLEED SCREW

General Specification: ISO 8015, JED-334-1, Size ISO 14405 LP
Further Technical Data: PRO 411 019 0
Doc. Code: 035 | Sheet: 1 To 13
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	

Tapped Holes acc.-
1) Tolerance Class Applied Crossmarked

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Date	Signature	
Drawn	2023-11-07	Kaviya
Checked	2023-11-07	Manivannon

Dimensions in mm

PROVIA

CLUTCH SERVO

Mass	Scale	Material No.	Date of first issue: 2023-11-07		
3.2 kg	NTS	PRO 411 032 0	Doc.Code	Language	Sheet
Size	CAD System		005	EN	1/1
A 1	CREO		ECN-No.	Revision	Techn. Resp.
			-	-	5630_AM

Replacement for: -

100mm

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