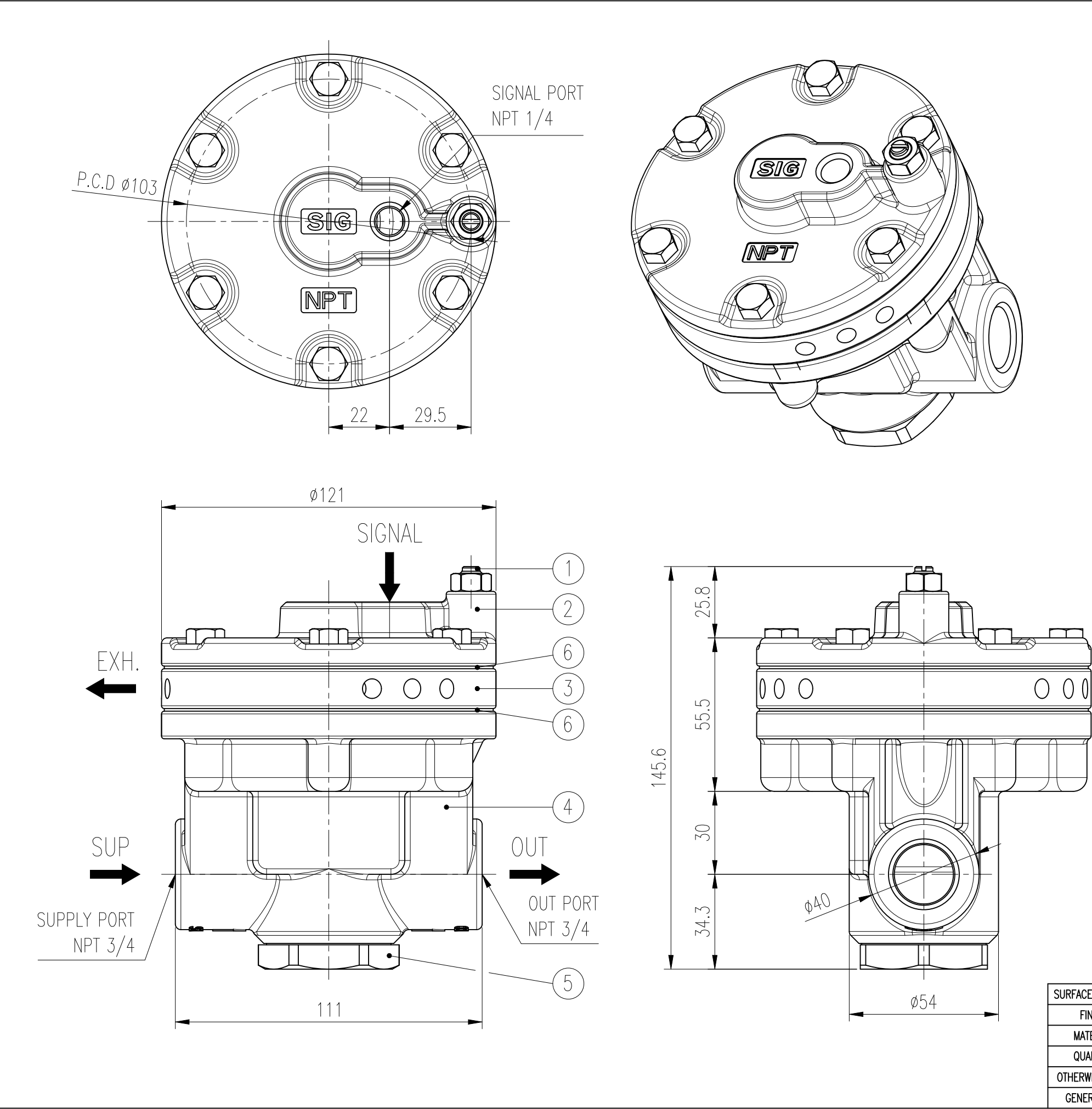


NO.	DATE	REVISION	DESIGNED	CHECKED	APPROVED
	200520	RELEASED	DKMIN	-	DKMIN
	220221	ADD TEMPERATURE GRADE	SHYEOM	-	DKMIN

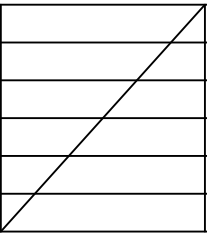


PART LIST

6	DIAPHRAGM	Low / High / Ultra Low Temp. : SILICONE
		Standard : NBR
5	PLUG	STS303
4	BODY	ALDC12
3	RING EXHAUST	ALDC12
2	COVER	ALDC12
1	ADJUST SCREW	STS303
NO.	PART NAME	MATERIAL

SPECIFICATIONS

Working fluid		Compressed air
Max. supply pressure		1.0 MPa
Max. signal pressure		0.7 MPa
In / Out pressure ratio		1 : 1
Flow Capacity (Cv)	Output	5.2
	Exhaust	4.9
Ambient Temp.	Standard	-20°C ~ 70°C
	High Temp.	-20°C ~ 120°C
	Low Temp.	-40°C ~ 70°C
	Ultra Low Temp.	-60°C ~ 70°C
Linearity		±1.0% F.S.
Hysteresis		±1.0% F.S.
Signal Connection		NPT 1/4
In / Out Connection		NPT 3/4
Housing Material		Aluminum die-cast
Weight		1.9kg

SURFACE TEXTURE		WEIGHT	g	PROJECT	-	
FINISH		SHEET No.	1 / 1	PRODUCT NAME	VOLUME BOOSTER	
MATERIAL		UNIT	mm	MODEL	TS120	
QUANTITY		SCALE	1 / 1.5	TITLE	VOLUME BOOSTER ASS'Y	REV.
OTHERWISE NOTE		PROJECTION	3RD ANGLE			
GENERAL DIM		DWG SIZE	A3	DWG. NO.	TS120 01 A1	1