

Datasheet - EBRT-S55x17

GENERAL CHARACTERISTICS

MATERIAL:

Body: Anticorrosive Polyamide, Grey colour / **Optional:** Polypropilene V0, Black colour.

Cover: Anticorrosive Polyamide, Blue colour / **Optional:** Polypropilene V0, Natural colour.

Output drive: Zamak, Zinc plated / **Optional:** Zamak, TEFLON coated

Flange: Aluminum and Cataphoresis / **Optional:** Aluminum and TEFLON coated.

Main external shaft: Stainless Steel

External screws: Stainless Steel

Gears: Steel and Polyamide

Visual position indicator: Polyamide

Dome: Polycarbonate

Adjustable internal cams: Polyamide

Electronic Torque Limiter function

Electric motor: 24VDC Brushless motor

Insulation: Class B

(IEC 60034) Service: S4



Modelo	S55	B55
Voltage VDC/VAC 50/60Hz-0/+5%	24-240 VDC/VAC	12 VDC/VAC ONLY

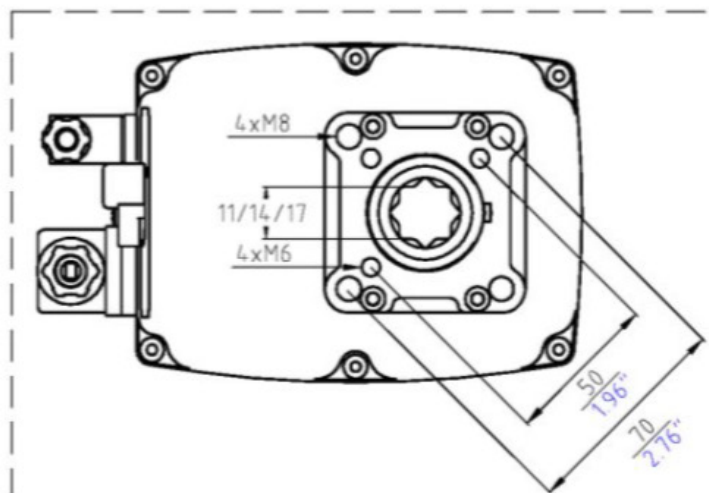
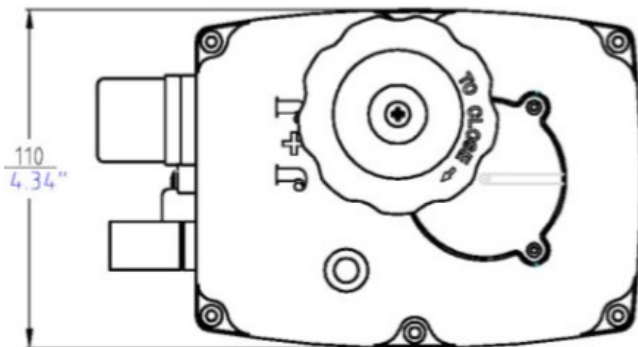
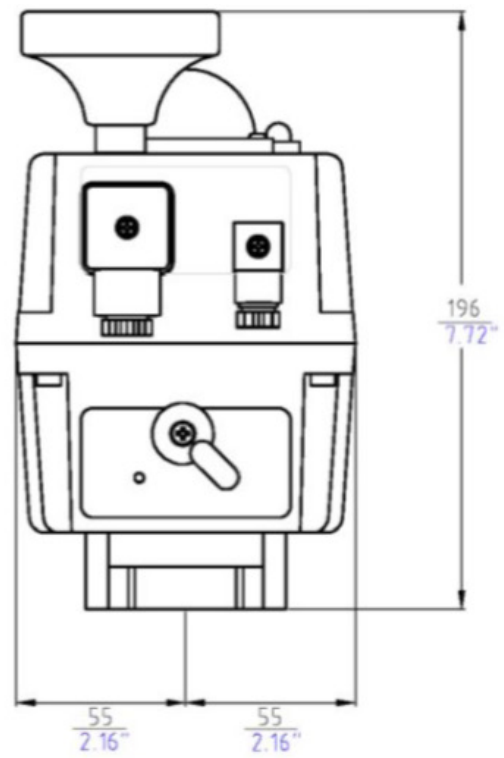
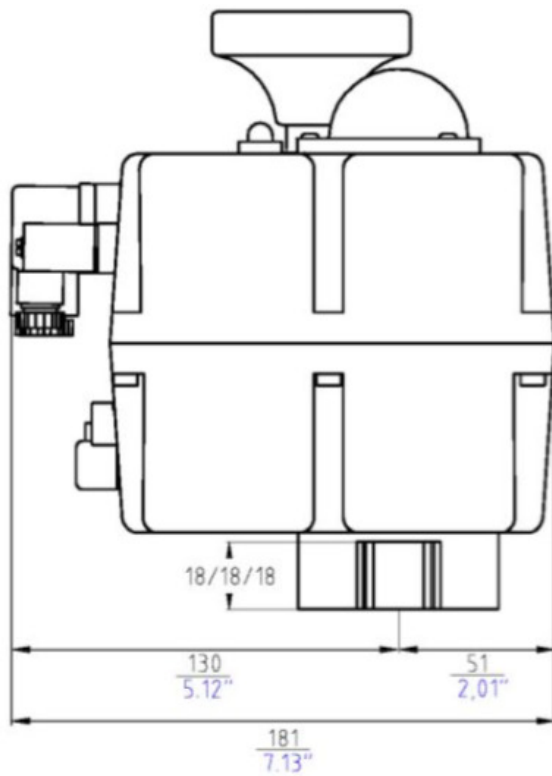
Model	S55/B55
Operation time unload	13 Sec./90°
Maximum torque break	60 Nm / 530 lb/in
Maximum operational torque	55 Nm / 486 lb/in
Duty rating	75 %
Max. Working angle	0° to 270°
Limit switch	4 SPST NO micro (2 motor stop and 2 confirmations)
Automatic heater	3,5 W
Big Plug	EN175301-803 FORM A
Small Plug	DIN43650/C
Protection IEC 60529 rating	IP67
Temperature	-20°C +70°C / -4°F +158°F
ISO 5211 Plate	Standard: F05/F07
DIN 3337 Female output drive	Standard: *17 Optional: *11, *14mm
Weight	2,4 Kg

Options

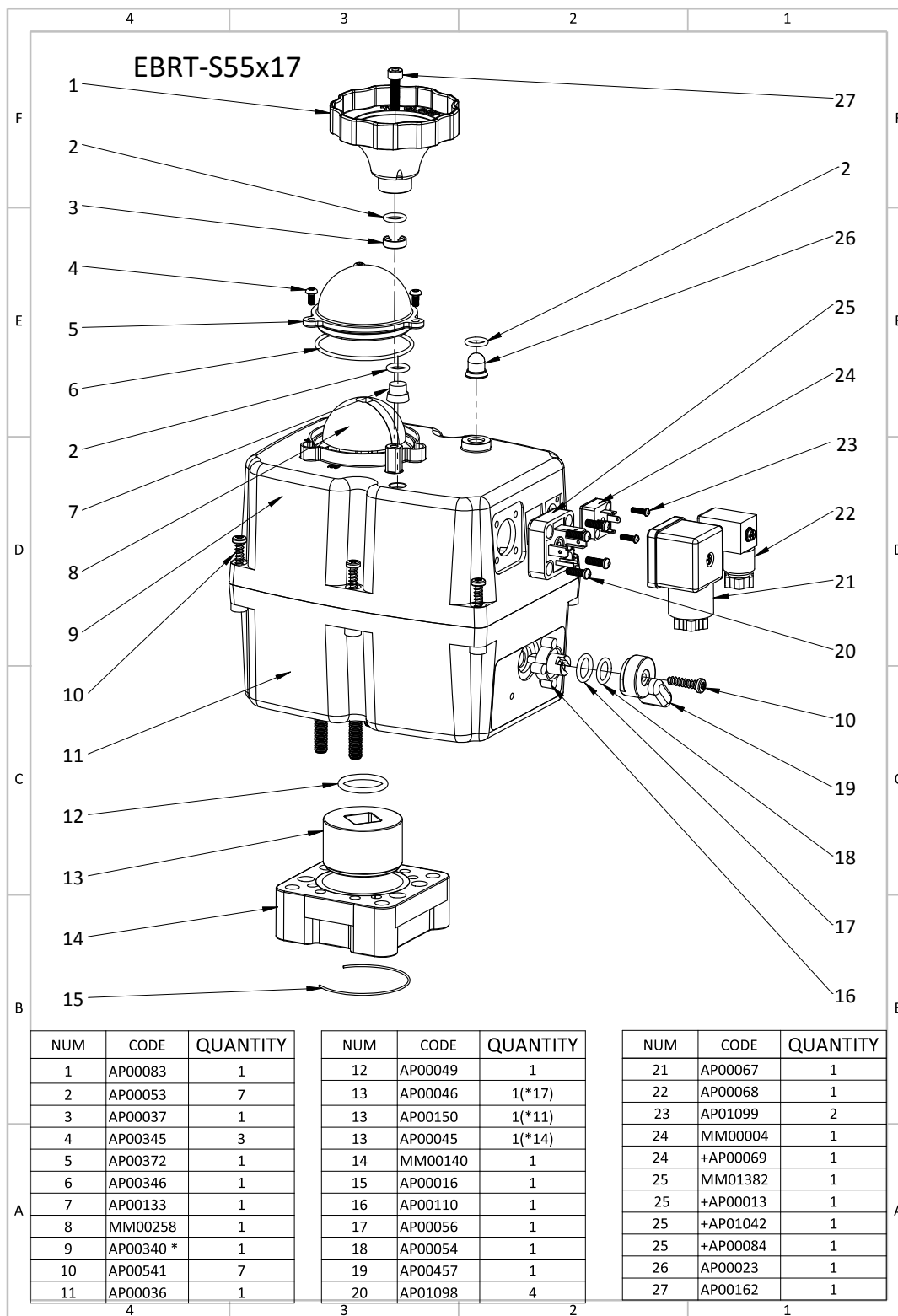
KIT DPS digital positioner:	4-20mA, 0-20mA, 0-10V or 1-10V
KIT BSR emergency fail safe kit system by battery	NC- NO
Potentiometer	1K, 5K or 10K
3 position actuator	0°-45°-90° or 0°-90°-180°

Note: Technical data are the same despite the different casings.

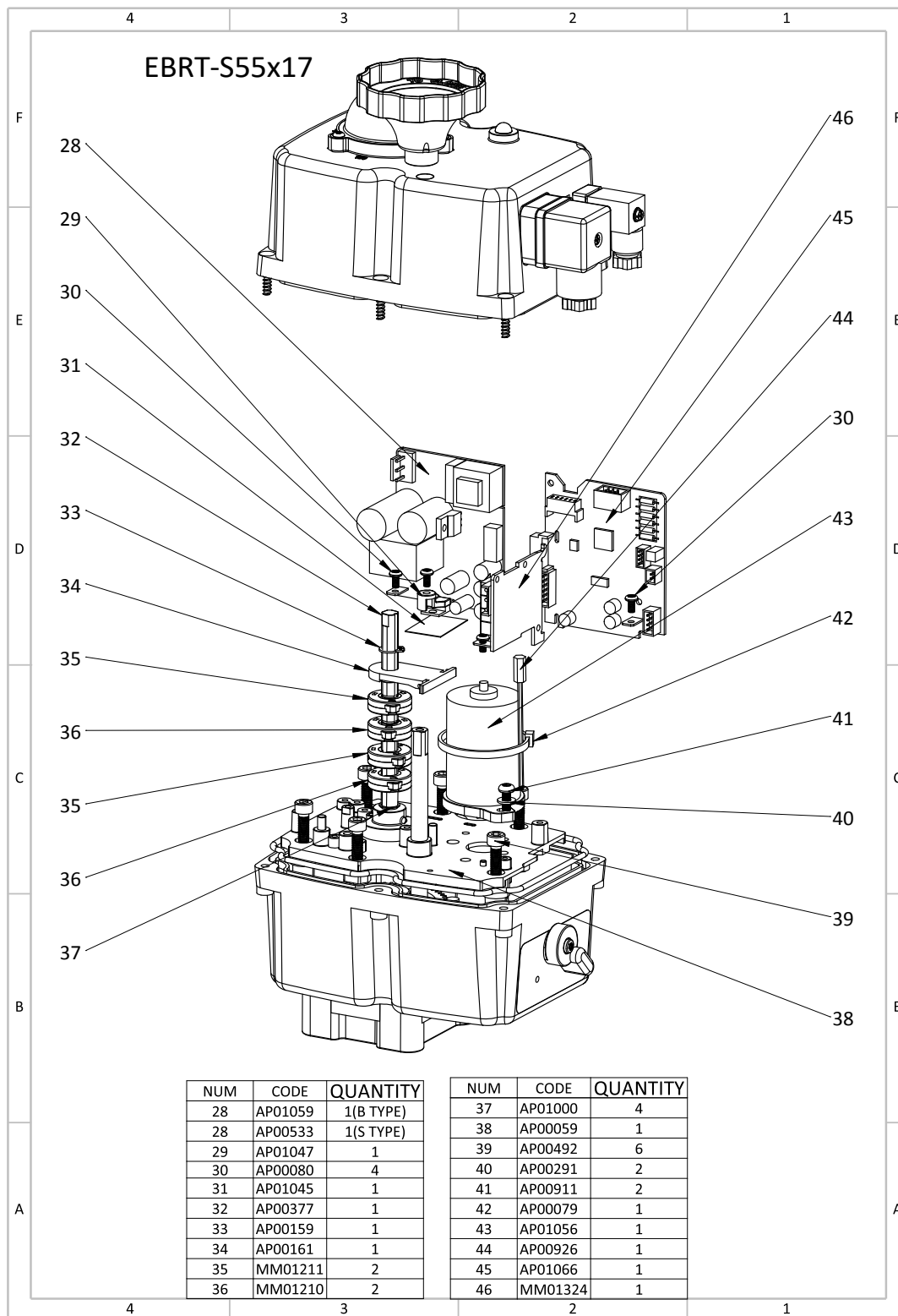
EBRT-S55x17 SIZES



Exploded View



Exploded View



Exploded View

