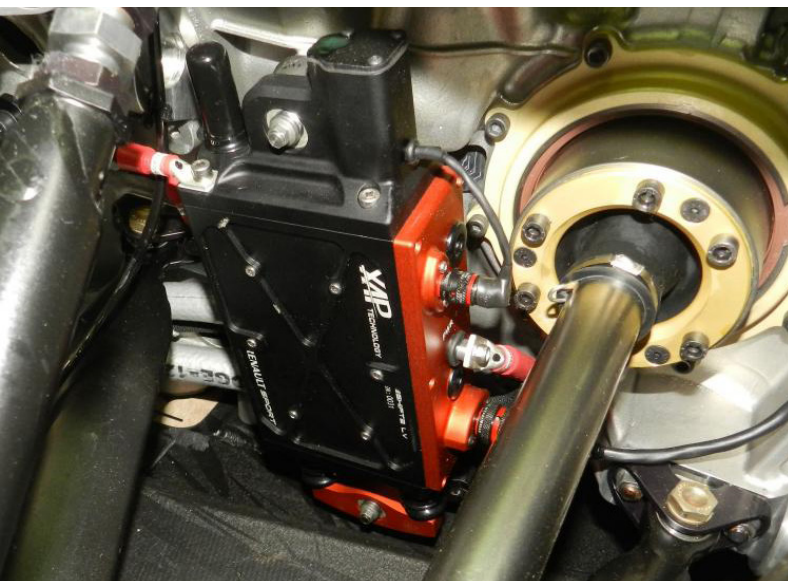


E-SHIFT2 LV3



POWERFUL AND RELIABLE ELECTROMAGNETIC GEARBOX ACTUATORS.

XAP IS THE WORLD LEADER IN ELECTROMAGNETIC ACTUATORS FOR SEQUENTIAL GEARBOXES.

The E-Shift2-LV is an electric push/pull actuator developed specifically for the requirements of modern motorsport to command a sequential gearbox.

The E-Shift2-LV is a mono block assembly. The installation is very simple and once installed calls for very little service, unlike pneumatic and hydraulic systems where the installation requires many components and regular service.

XAP's electromagnetic actuators are reliable, consistent and do not need much maintenance.

MOVING MAGNETS TECHNOLOGY

MAGNETIC SPRING INSIDE

HIGH PUSH/PULL FORCE

VERY RELIABLE.

NO CONTACT SHAFT POSITION SENSOR OPTIONAL

35ms TYPICAL GEAR CHANGE TIME

MAINTENANCE FREE

MORE COMPETITIVE THAN CURRENT TECHNOLOGY

AUTO SPORT CONNECTOR

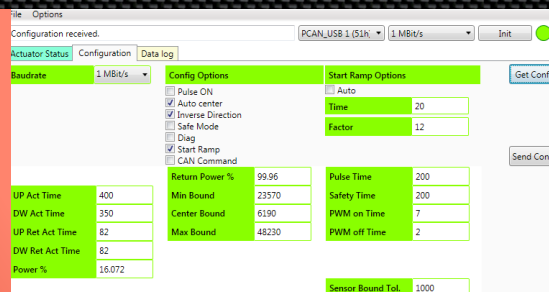
PROGRESSIVE PUSHING MODE

ISOLATED POWER AND CAN

NO PUMP, NO SEAL, NO TUBE, NO FLUID...

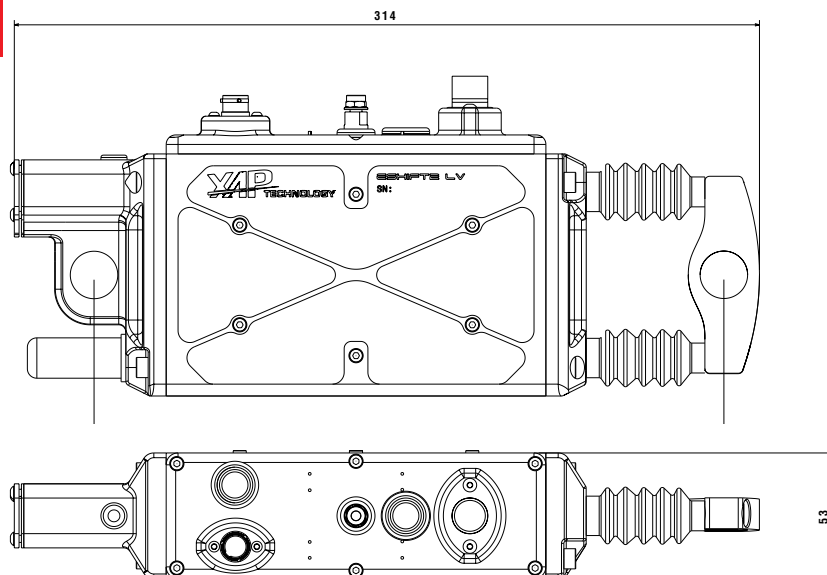
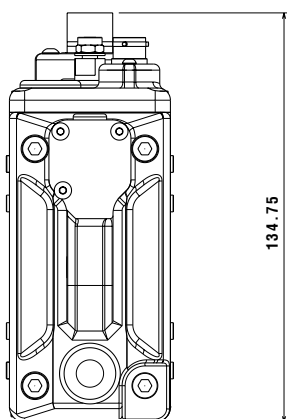
***CAR ELECTRIFICATION IS THE FUTURE OF
MOTORSPORT!***





► GEARBOX ACTUATORS: *E-SHIFT2-LV3*

DIMENSIONS



TECHNICAL SPECIFICATIONS

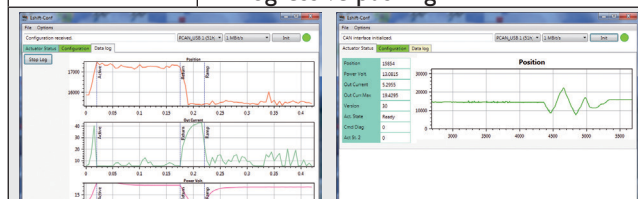
Stroke	+/- 18 mm
Electric consumption	Equivalent to 20 W for one gear shift each two second
Peak current	100 A
Started pushing force	900 N max
Middle pushing force	700 N max
Diagnostic on Can	YES
Command by Can	YES
Command by wire	CMD_UP, CMD_DOWN, CMD_LP, CMD_HP
Supply Voltage	9 to 18v
Operating Temperature	100 °c. max
Weight	4.2 kg to 5 kg

OPTIONS

Programming software

Useful Validation Features :

- Closed loop regulation on standby position
- Vibration mode to help the disengagement and avoid dog to dog
- Progressive pushing



Programming loom

E-Shift2-LV3 programming kit

REFERENCES

PF0731	E-SHIFT2 LV3 KNEECAP FIXING WITHOUT POSITION SENSOR
PF0732	E-SHIFT2 LV3 SCREWED FIXING AND POSITION SENSOR
PF0733	E-SHIFT2 LV3 KNEECAP FIXING AND POSITION SENSOR
PF0734	E-SHIFT2 LV3 SCREWED FIXING WITHOUT POSITION SENSOR