

PROPORTIONAL SOLENOID WITH LVDT FEEDBACK TRANSDUCER EPO-63-C

APPLICATION:

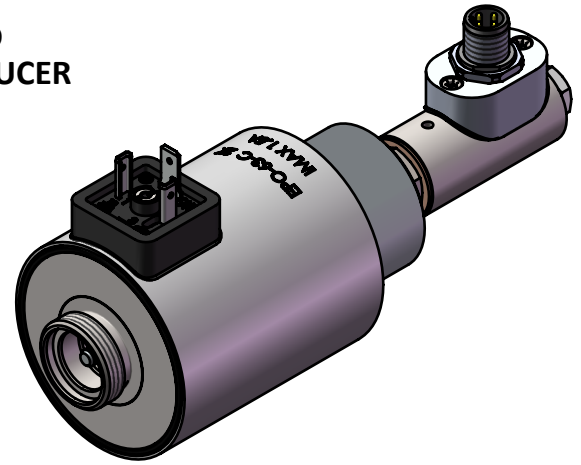
Control of proportional hydraulic valves in power hydraulics systems.

TECHNICAL DESCRIPTION:

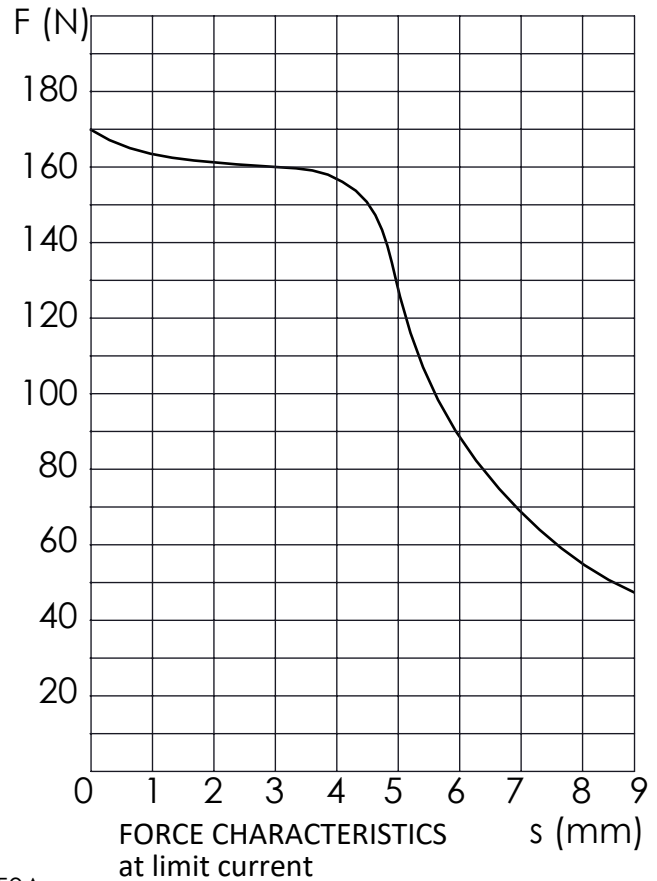
Solenoid EPO-63-C is supplied with direct current and operates in hydraulic oil environment.

A complete product consists of two main parts: EPO-63 proportional solenoid and inductive position transducer LVDT 508 coupled with the movable plunger of the electromagnet.

All steel parts of the device are protected against corrosion by electro-galvanizing or are made of stainless steel. Protection degree of IP65 is provided.



SOLENOID TECHNICAL DETAILS		
Limit current	[A]	1,5
Nominal resistance	[Ω]	10
Working stroke	[mm]	4,2
Work time	[%] ED	100
Max. working oil pressure	[MPa]	25
Rated force at limit current*	[N]	160
Mounting: via central thread	[mm]	M26x1,5
Max. ambient temperature	°C	+50
Electrical connection		DIN 43650A
LVDT TRANSDUCER TECHNICAL DETAILS		
Nominal voltage	Vpp AC	10
Supply frequency	kHz	2,5
Rated current [RMS]	mA	50
Electrical connection (acc. IEC 61076-2-101, coding A)		M12x1 4-PIN



* Due to natural dispersion, magnetic-force values may deviate by ±5%.

It is also possible to design electromagnets that meet individual requirements, with parameters specified by the customer.

The plug for the DIN 43650A socket is available on additional order.

AVAILABLE SPARE PARTS:

1. Coil EPO-63,
2. Complete tube EPO-63,
3. Nut 63X
4. Transducer coil LVDT 508

