

CHARACTERISTICS

Static pressure tightness	160 bar (seal diameter of valve max. 26 mm)
Coil winding insulation class	F
Connection/Power supply	Over device plug connection to ISO 4400/DIN 43650, (2P+E), other connections on request.
Protection class EN 60529	IP65
Relative duty factor	100%
Reference temperature	50°C
Seal	Viton, other on request
Fluid	Mineral oil, other fluid on request
Switching cycles	15'000/h
Mounting screws	4xM5 (Quality 8.8)
Housing	Zinc coated steel housing, other surface treatments on request.

		DC	AC
Totale stroke	(mm)	5,5	5,5
Working stroke	(mm)	2,5	2,5
Nominal power	(W)	30	
	(VA)		35
Armature weight	(kg)	0,055	0,055
Solenoid weight	(kg)	0,76	0,76
Voltage range	(VDC)	10-250	
	(VAC)		40-250*

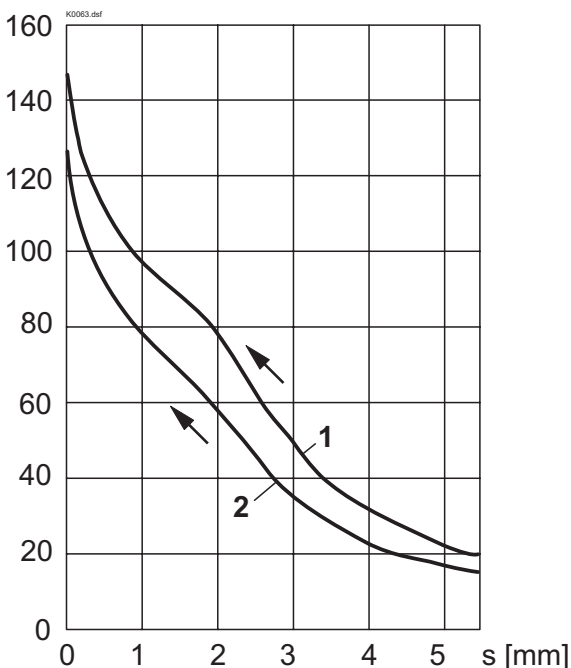
* For AC voltages below 40 VAC DC solenoids plus rectifier plugs are available.
 21 VDC to 24 VAC
 32 VDC to 36 VAC

	12VDC	24VDC	115VAC	230VAC
Nominal resistance (Ω)	5	21,8	445	1'400
Number of windings (-)	770	1'560	7'000	13'000
Inductivity (mH)	16	72	-	-

PERFORMANCE

F = f (s) Force-stroke characteristics

F [N]



1: U = 100 % U_N Reference temperature = 20°C (30W)
 2: U = 90 % U_N Reference temperature = 50°C
 Solenoid in operating temperature (19W)

The values refer to U_N = 24 VDC.
 With other nominal voltages deviations can occur.
 For curve 2 the solenoids has been mounted on a body □ 46x64.

ACCESSOIRES

Plug HB0	* Article No. 239.2033
Plug with integrated manual override HB6	* Article No. 253.8001
	* acc. data sheet 1.1-300
Special manual override	see data sheet 1.1-310
Plug grey	Article No. 219.2001
Plug black	Article No. 219.2002
Rectifier plug grey	Article No. 219.2105
Rectifier plug black	Article No. 219.2106

Technical explanation see data sheet 1.1-400E