

CHARACTERISTICS

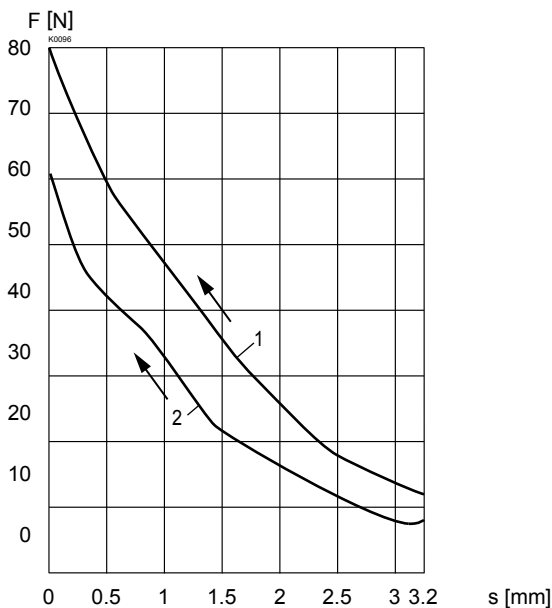
Static pressure tightness	160 bar (seal diameter of valve max. 27 mm) With seal diameter of valve = 32mm Static pressure tightness = 120 bar
Coil winding insulation class	H
Connection/Power supply	Over device plug connection to ISO 4400/DIN 43650, (2P+E), other connections on request
Protection class EN 60 529	IP65
Relative duty factor	100%
Reference temperature	50 °C
Seal	Viton, other on request
Fluid	Mineral oil, other fluid on request
Switching cycles	15000/h
Mounting screws	4 x M4 (Quality 8.8)
Housing	Zinc coated steel housing, other surface treatments on request

		DC	AC
Totale stroke (mm)	3,2	3,2	
Working stroke (mm)	1,5	1,5	
Nominal power (W)	20		
	(VA)		23
Armature weight (kg)	0,028		0,028
Solenoid weight (kg)	0,34		0,34
Voltage range (VDC)	10-250		
	(VAC)		24-250

	12VDC	24VDC	115VAC	230VAC
Nominal resistance (Ω)	7,5	29	530	2'550
Number of windings (-)	720	1'320	5'700	13'300
Inductivity (mH)	7	25	-	-

PERFORMANCE

F = f (s) Force-stroke characteristics



- 1: U = 100% U_N Reference temperature = 20 °C (20W)
 2: U = 90% U_N Reference temperature = 50 °C
 Solenoid in operating temperature (12W)

 The values refer to U_N = 24 VDC.

With other nominal voltages deviations can occur.

For curve 2 the solenoid has been mounted on a body □ 38 x 54.

ACCESSOIRES

Plug HB0	* Article No. 239.2033
Plug with integrated manual override HB4,5	* Article No. 253.8000
	* 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

Technical explanation see data sheet 1.1-400