FLUCOM ITALY

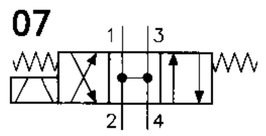
SOLENOID VALVES SPOOL-TYPE DIRECTIONAL
FOUR WAY THREE POSITION
CENTRE OPEN

ETD 50/43..

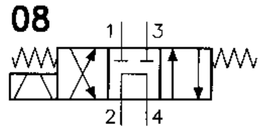
09.180
01.97

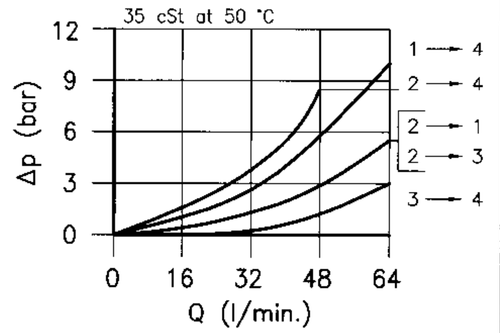
Technical features

07

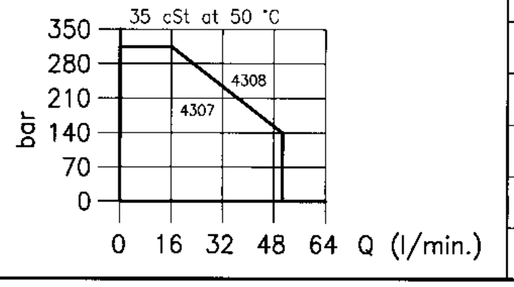


08



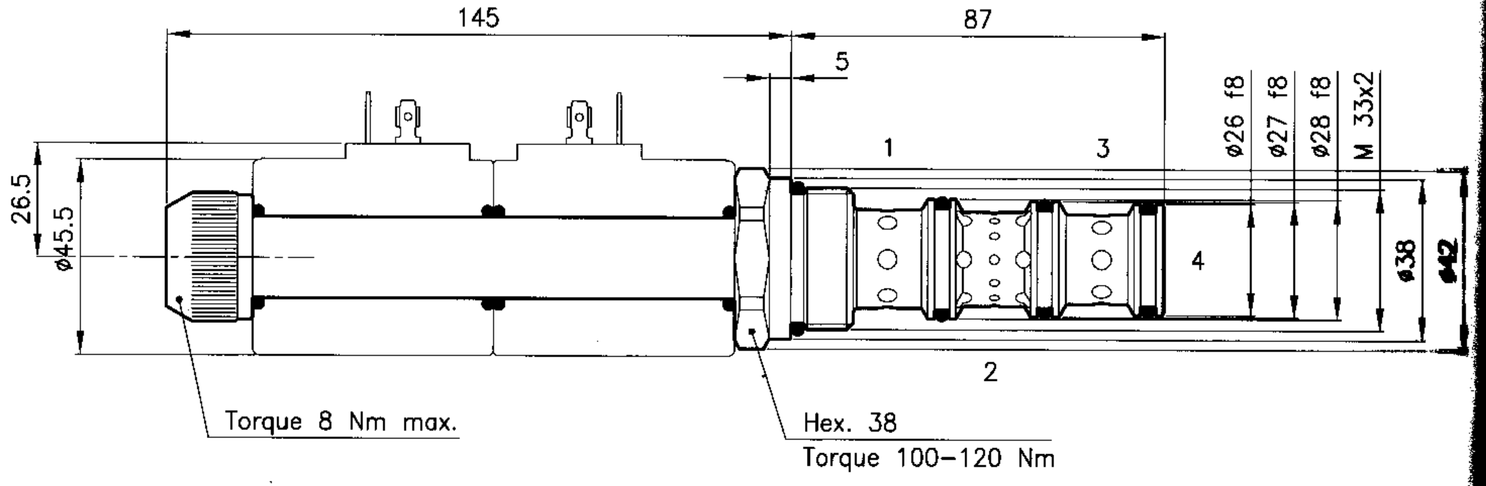


Use limits



Cavity (For dimensions see catalogue 17.000)		S 50/4
Max. flow	(l/min.)	45
Max. pressure way 1–2–3	(bar)	315
Max. pressure way 4	(bar)	210
Max. leakage	(cm^3/min.)	40
Response time It change in function of circuit, pressure, flow and fluid viscosity.	(ms)	40 – **80** (Mean value)
Fluid viscosity range	(cSt)	2.8 – **380**
Fluid temperature range	(°C)	–20 **+80**
Mass	(kg)	0.580
Hydraulic fluid; mineral oil HM and HV ISO 6074		
Recommended filtration; 19/15 ISO 4466 (25 μ absolute)		
Standard seals in Polyurethane and Buna N		

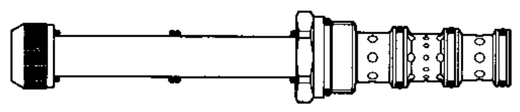
Dimensions



Ordering informations

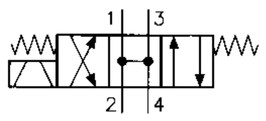
ETD 50/4307

ETD 50/43.. = Valve type
Centre open

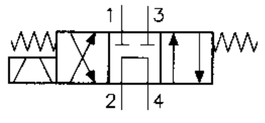


Circuits

4307 =



4308 =



Codes:

ETD 50/4307	55 011 **129**
ETD 50/4308	55 011 **110**
External seals kit	90 620 **108**

ETD 50/43.. valves can be assembled on standard bodies 50–C4 series; for dimensions see catalogue 16.011

On the ETD 50 valves must be assembled the Coils B50 series; for dimensions, features and codes see catalogues 09.900 and 09.901.

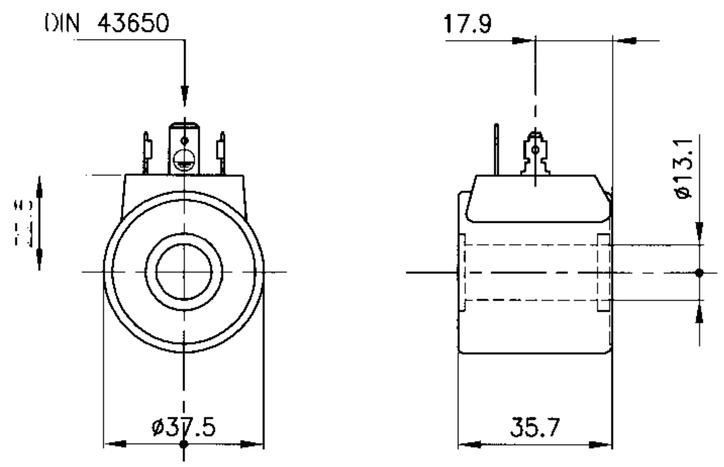
FLUCOM ITALY

STANDARD COILS FLUCOM
B20 – B30 – B50 Series

09.900
01.07

This Coils series, with connection DIN 43650, include all standard versions normally available.
Protection Class (with connector assembled) IP 65 DIN 40050 Encapsulation with nylon 6 and fiberglass
Insulation Coil Class F – VDE 0580 Insulation Copper wire Class H – VDE 0580

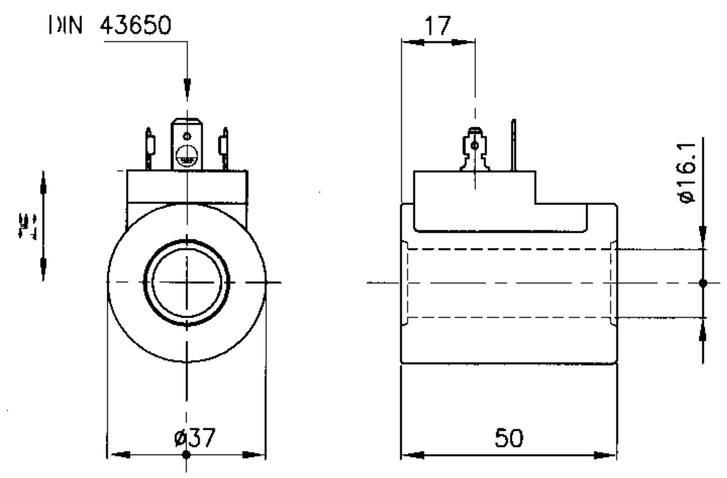
Coils **B20** Series (DIN 43650)



Power 18 Watt
Voltage range +/– 10%
Duty cicle ED 100%
* (1) Nominal current
* (2) Resistance 20°C +/– 5%

Type	Code	Volt	* (1) Ampere	* (2) Ohm
B20–12C–18H	25 125 101	12	1.50	8
B20–24C–18H	25 125 102	24	0.75	32
B20–27C–18H	25 125 110	27	0.66	40.5
B20–24A–18H	25 125 103	19.4	0.93	20.9
B20–110A–18H	25 125 104	96	0.19	512
B20–220A–18H	25 125 105	194	0.09	2090

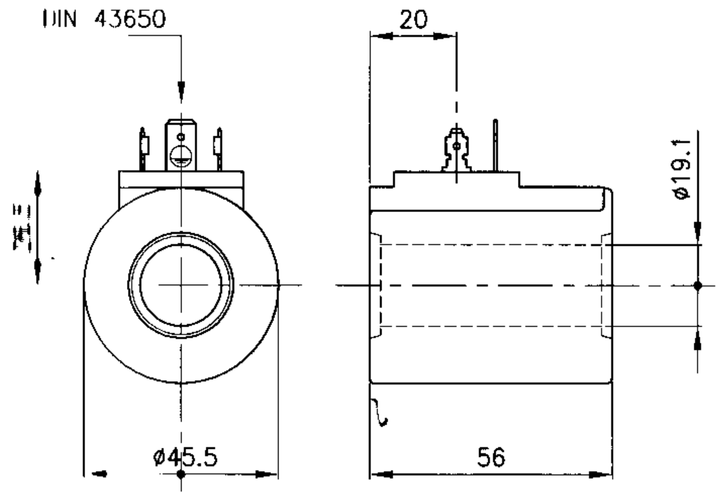
Coils **B30** Series (DIN 43650)



Power 28.5 Watt
Voltage range +/– 10%
Duty cicle ED 100%
* (1) Nominal current
* (2) Resistance 20°C +/– 5%

Type	Code	Volt	* (1) Ampere	* (2) Ohm
B30–12C–28H	35 125 101	12	2.37	5.05
B30–24C–28H	35 125 102	24	1.19	20.2
B30–27C–28H	35 125 109	27	1.05	25.6
B30–24A–28H	35 125 103	19.4	1.46	13.2
B30–110A–28H	35 125 104	96	0.30	323
B30–220A–28H	35 125 105	194	0.15	1320

Coils **B50** Series (DIN 43650)



Power 33 Watt
Voltage range +/– 10%
Duty cicle ED 100%
* (1) Nominal current
* (2) Resistance 20°C +/– 5%

Type	Code	Volt	* (1) Ampere	* (2) Ohm
B50–12C–33H	55 125 101	12	2.75	4.36
B50–24C–33H	55 125 102	24	1.38	17.45
B50–27C–33H	55 125 110	27	1.22	22.13
B50–24A–33H	55 125 103	19.4	1.70	11.40
B50–110A–33H	55 125 104	96	0.34	279.27
B50–220A–33H	55 125 105	194	0.17	1140.5