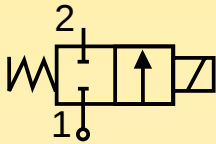


Solenoid valves for heating

2/2 way - Normally Closed - Direct Operated

Fittings: G = 3/8" - 1/2"

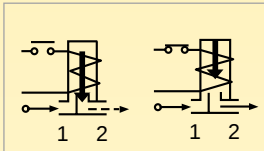
Series **153**



N.C.

Normally closed

Coil energised - open
Coil de-energised - closed



General description:

PARKER series **153** solenoid valves are direct operated and do not require a minimum differential pressure to operate. They are used for general applications with media such as **fuel oils up to 2°E**. Series **153** valves are **normally closed**.

Temperatures:

The working temperature for media is:

maximum	+140°C
minimum	-10°C

The maximum ambient temperature is:

with class "F" coils	+50°C
with class "H" coils	+80°C

Application:

Series **153** solenoid valves are ideal for automatic control of fuel oils up to 2°E.

Some typical application examples:

- Heating systems;
- Diesel oil distribution systems;
- Tank level control.

Coils:

For series **153** valves class "**F**" (**155°C**) coils are available encapsulated in thermoplastic containing 30% glass fiber (types: ZB, YB) and class "**H**" coils (**180°C**) are available encapsulated in thermoplastic containing 40% of glass fiber (type ZH). All the coils are for continuous service, 100% E.D.

The rated voltage tolerance is:

±10% for A.C. power supply
and **+10% -5% in D.C.**

The "Z" and "Y" coils can be used on a.c. with a frequency of 50/60 Hz (dual-frequency).

The "Z" coils have Faston terminals for **DIN 43650A** connector with protection to **IP65**.

The "Y" coil has terminals with 2 x 1,000 mm cables with protection to **IP67**.

Installation:

The valves can be mounted in any position without jeopardising their operation. It is however advisable to install them with the coil in a vertical position above the body.

Approvals:



- For the coils:

ZB 14	115V/50-60Hz, 220-230V/50-60Hz
ZH 14	24V/50-60Hz
ZH 16	12V-DC, 24V-DC
YB 14	220V/50-60Hz



- For the coil:

ZB 14	220-230V/50-60Hz
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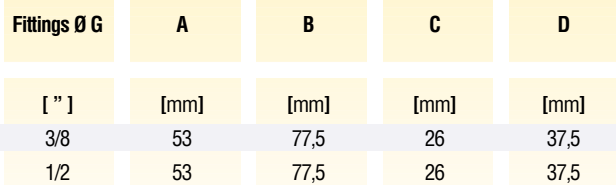
Series **153**

ELECTRICAL FEATURES

SPECIFICATION

Note: 1) NP (nominal pressure): 10 bar.

DIMENSIONS

**ORDER CODE**