



FLOAT EQUIPMENTS TECHNICAL UNIT

Authored by: Rajat

TECH UNIT No.	304
MODEL	MCFS
DATE	06/01/2018
REV.	00

MAGNUS CEMENT FLOAT SHOE

Approved by: Jogendra Singh

DESCRIPTION:

The cement filled Float Shoe is fitted with API RP 10F CAT IIIC qualified valve, the shoe can be ordered with single, double valve options.

FEATURES:

- ♦ Tough durable profiled cement nose
- ◆ Tightly controlled cementing process for valve installation
- Cement tested for compressive strength & pressure retention
- ◆ Fitted with high flow phenolic Float Valve tested in accordance with API RP 10F CAT IIIC test procedures

OPTIONS:

- ◆ Up/Down/side ports
- ♦ Standard 5,000 & high pressure 10,000 PSI valves
- ♦ Single, double & auto-fill valve options
- ♦ Ball deflector / ball catcher options

SIZE AVAILABILITY:

♦ 3-1/2" TO 30.00".





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ECCENTRIC NOSE:

◆ The Eccentric Nose design assists running the casing/liner past well bore obstructions with or without rotation. Typically used in primary cementing applications. Can be manufactured in both Aluminum and Phenolic materials



CONCENTRIC NOSE:

◆ The Concentric Nose assists running casing/liner in difficult well bore Conditions by path finding over and around swelling formations. Can be manufactured in both Aluminum and Phenolic materials



SPADE NOSE:

◆ The Spade Nose is specifically designed for use on less demanding liner applications where only a setting sleeve is run, the spade nose assists running tool released. When set on bottom the spade nose shoe anchors the liner against the formation allowing the running tool to be rotated to release from the liner.

