



**ROBINETE CU CLAPA FLUTURE EXCENTRICA  
EXCENTRIC BUTTERFLY VALVE**

RFE  
pag. / page 10F

**Fise tehnice :** RF EFCN – 10  
RF EFCN – 16

**Technical sheets :** RF EFCN – 10  
RF EFCN – 16

**UTILIZARI PRINCIPALE :**

Exploatare, transport si distributie :

- apa industriala rece si calda ;
- apa potabila ;
- vapori saturati ;
- produse petroliere ;
- fluide incarcate cu particole solide (consistenta max. 3 %) cu conditia asigurarii compatibilitatii din punct de vedere al coroziunii, eroziunii si sigurantei in exploatare, in raport cu constructia si materialele de executie.

**CARACTERISTICI CONSTRUCTIVE SI DIMENSIONALE :**

- tip : - « F » - corp cu flanse (Flanged) ;
- axul : - din doua bucati ;
- flanse de legatura : - EN, ISO, BS, DIN, ANSI ;
- lungimi de constructie : - EN, ISO, BS, DIN, ANSI ;
- viteza maxima de curgere pentru lichide: - 4 m/s – pentru RF PN10 ;  
- 5 m/s – pentru PN16 ;

**TEMPERATURA MAXIMA DE LUCRU /  
TEMPERATURA MINIMA DE LUCRU :**

- + 80° C / -10° C pentru garnituri NBR ;
- + 120° C / -10° C pentru garnituri EPDM ;

**ACTIONARE :**

- AM – manuala ;
- AE – electrica ;

**INSTALARE :**

- sens de curgere preferential – marcat cu sageata pe corp ;
- pozitie de montaj – pe conducte orizontale sau verticale ;

**INCERCARI UZINALE : PRESIUNI DE INCERCAE, PIERDERI,**

- incercari hidraulice conform ISO 5208 ;
- presiuni de incercare : - la rezistenta - 1,5 x PN (bar) ;  
- la etansare - 1,1 x PN (bar) ;
- categoria A – fara pierderi – conform ISO 5208 ;

**MAIN APPLICATION:**

Service, transport and distribution of:

- cold and hot industrial water;
- drinking water;
- saturated vapours;
- petroleum products;
- solid particles charged fluids (max. 3 % consistency) provided that the manufacturing design and materials are suitable as far as corrosion, erosion and operation safety are concerned.

**DESIGN AND DIMENSIONAL CHARACTERISTICS:**

- type: « F » - Flanged;
- shaft : two-piece;
- connection flanges: - EN, ISO, BS, DIN, ANSI ;
- overall length: - EN, ISO, BS, DIN, ANSI ;
- max. flowing speed for liquids: - 3 m/s – for PN10 ;  
- 4 m/s – for PN16;

**MAX. / MIN. WORKING TEMPERATURE - TS:**

- + 80° C / -10° C for NBR gaskets;
- + 120° C / -10° C for EPDM gaskets;

**OPERATION:**

- AM – manual;
- AE – electrical;

**MOUNTING:**

- preferential flow direction – marked with arrow on body;
- mounting position – on horizontal or vertical pipelines;

**FACTORY TESTS: TESTING PRESSURES, LEAKAGE:**

- hydraulic tests in acc. with ISO 5208 ;
- testing pressures: - shell - 1,5 x PN (bar) ;  
- seat - 1,1 x PN (bar) ;
- grade A – no leakage, in acc. with ISO 5208 ;