

Radial Flow-Sampling Valve

Product Coding
P32XXXXXX

Introduction

Catalyst sampling valve is a special purpose valve installed on reactors, regenerators, or catalyst circulation lines that allows operators to take small, representative samples of catalyst safely while the unit is online.

Features

- **Representative sampling:** Provides access to the circulating or fluidized catalyst so operators can test for particle size, activity, attrition, contamination, or moisture.
- **Safe operation:** Designed to withstand high temperature, high pressure, and abrasive catalyst particles. Often includes cooling or double-isolation features.
- **Tight leak design:** Prevents uncontrolled catalyst leakage or air/hydrocarbon ingress, which could cause safety or process issues.



Applications

- **FCC (fluid catalytic cracking) units:** For checking equilibrium catalyst activity and physical condition.
- **CCR (continuous catalyst regeneration) units:** For monitoring catalyst quality during continuous circulation.
- **Other fluidized bed reactors:** To evaluate catalyst conditions in processes like methanol-to-olefins or syngas conversion.



Tel.: +98 21 88686942-3
Fax: +98 21 88686168
Marketing@euroslopars.com



www.euroslopars.com
Linkedin.com/company/euroslopars
Youtube.com/@euroslopars2863



Office: No. 2, Unit 2, East 32nd
(East Qeysari) St., South Allameh Ave.,
Sa'adat Abad Area, Tehran, Iran