

BKG® NorCon™ EH

Slide Plate Screen Changer

- Normal operation:** 1 screen cavity (100%) in the process
- Backflush:** Not possible
- Screen change:** During a screen change, the screen cavity (100%) in the process is removed hydraulically, indexing the other screen cavity (100%) into operation

Applications

From the worldwide leader in filtration equipment, Nordson offers the EH slide plate screen changers. Contamination of the melt stream by metal, wood, paper or internally generated black specks yields products that are unacceptable in appearance and/or performance. The EH slide plate screen changer represents the most technically advanced design of slide plate type screen changers. The EH line is suitable for processing a wide variety of thermoplastic applications ranging from sophisticated multiple layer thin film extrusion to the heavy demands of recycling.



Features

- Bolt through extruder connection
- Extruder screw pull through
- Pressure activated sealing
- Fully guarded and electronically interlocked
- Optimized flow channel design

Benefits

- Compact extruder interface
- Leak-free operation
- Fast shift screen changes optimize productivity
- Safe operation
- Optimized polymer rheology

High Temperature Seal Option

- Expanded low viscosity sealing
- For temperatures between 260-343°C (500-650°F)
- Retrofittable design

Technical Information

Machine Type/Size	EH-25 - EH-100
Screen Dimensions	Ø73 - Ø257 mm (2.87 - 10.12 in)
Throughput	25 - 3,100 kg / h (50 - 6,850 lb / hr)
Screen Area	42 - 520 cm ² (6.5 - 80.5 in ²)
Temperature	Up to 340°C (650°F)
Heating	Electric
Max. Operating Pressure	Max. 690 bar (10,000 psi)
Differential Pressure	Max. 200 bar (3,000 psi)

*These throughput values are only estimates. The actual rates are dependent upon the viscosity of the material, filtration fineness, application, and the contamination level of the material; therefore, the values may differ depending on the actual process parameters.

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Specifications

Model	Bore "I" mm (in.)	Screen Dia. "A" mm (in.)	Heater kW (body)	Heater kW (slide plate)	Heater Volt	Unit Weight kg (lbs) approx.
EH-25	63.75 (2.51)	73 (2.875)	2.6 kW	0.6 kW	230 V	91 (200)
EH-35	90.17 (3.55)	100 (3.938)	3.8 kW	1.0 kW	230 V	170 (375)
EH-45	120.27 (4.735)	132 (5.188)	5.6 kW	1.6 kW	230 V	218 (480)
EH-60	153.42 (6.04)	167 (6.563)	8.0 kW	1.6 kW	230 V	393 (865)
EH-80	203 (8)	205 (8.063)	8.0 kW	2.0 kW	230 V	818 (1800)
EH-100	254 (10)	257 (10.125)	20.0 kW	2.0 kW	230 V	1068 (2350)



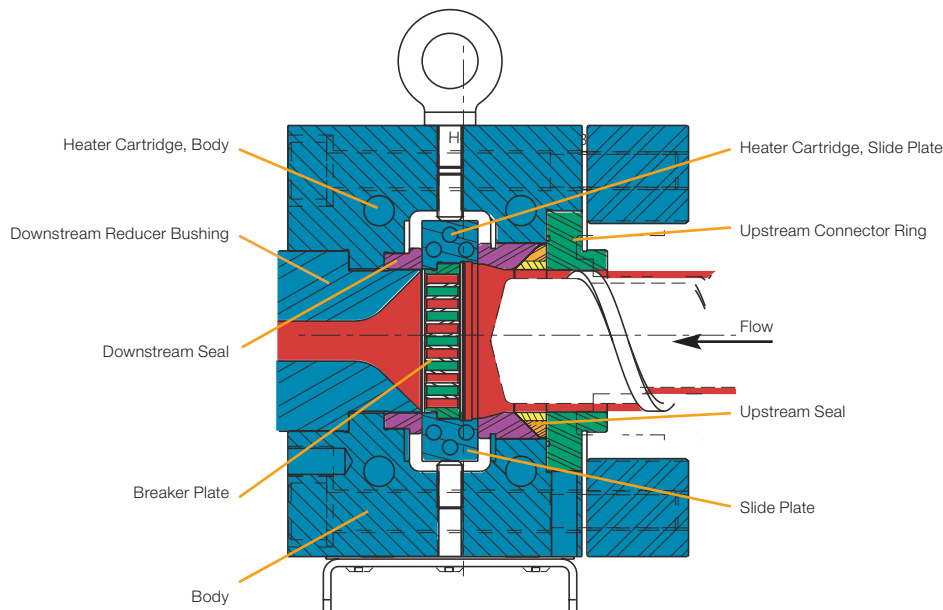
BKG EH-60

Options

- Vertical mounted units
- Adapters
- High temperature unit
- Stands mounting
- Corrosion resistant flow bores
- Gear pumps for complete system control

Compact Hydraulic Unit

Eliminates piston wear with vertical accumulator. Includes status indicator lights and easy to read operating instructions.



Hydraulic Power Unit

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