MAAG Group
a DOVER company

PUMP & FILTRATION SYSTEMS ›

extrex^{6} Y Adapter

High flexibility for thermoplastic applications

MAAG

The extrex^{6} Y-Adaptor distributes output from a single extruder to two extrex **x**^{6} class gear pumps. The extrex^{6} Y-Adaptor can be used with any extruder to feed two different dies with independent and consistent melt flow streams. This concept makes it possible to produce two individual profiles at separately controlled rates. Two separate precision speed controlled drives and the precise output of the extrex **x**^{6} pumps assure exact control of both profiles.

The extrex **x**^{6} class gear pump portfolio also allows customers to choose between different pressure ratings tailored to each die requirement.

Your benefits

- Flexible solution for multifunction application
- More flexible range of applications
- Standardized design
- Multiple arrangement of the drive unit

- + **50 %** higher flexiblity
- + **50 %** service friendly

extrex⁶ Y Adapter

High flexibility for thermoplastic applications

Description	Quantity
Throughput (kg/h)	140 - 12000
Pump size	25 - 160
Inlet Pressure (bar)	120

Application limits	
Viscosity:	30,000 Pas
Temperature:	350 °C

Technical specifiations	
Housing, cover	Alloy steel
Pump heating	Electric/fluid

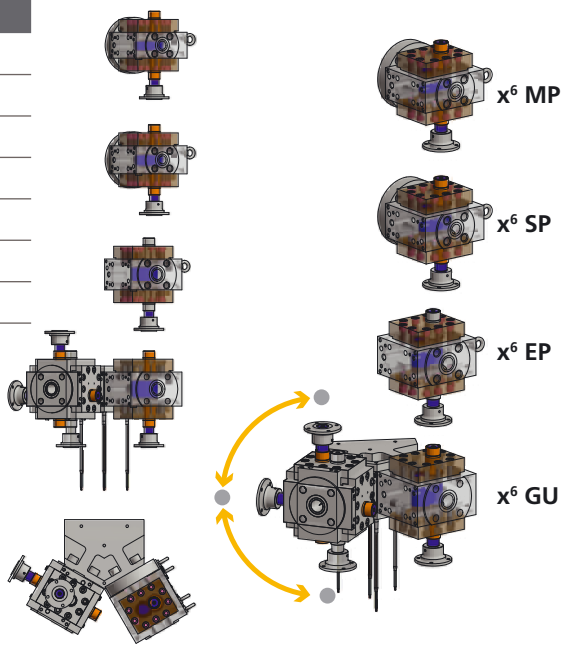
Pump size	Pump type
25	GU/EP
32	GU/EP/SP/MP
40	GU/EP/SP/MP
50	GU/EP/SP/MP
63	GU/EP/SP/MP
80	GU/EP/SP/MP
100	on request

Options

- Defined flange designs / on customers requests
- Wired heating cartridge fully attached to connector
- Liquid heating with interconnection bores
- Pressure/temperature sensor bores in body
- Choice of materials for every application

Accessories

- Adapter flange
- Sensors
- Support carts / base frames
- Drive units
- Control systems
- Complete solutions



Pump	extrex⁶ GU	extrex⁶ EP	extrex⁶ SP	extrex⁶ MP
Throughput (kg/h)	150 - 15000	140 - 12000	130 - 9000	40 - 6000
Pump size	25 -160	25 - 160	25 - 160	25 - 160
Inlet Pressure (bar)	120	120	120	200
Differential Pressure (bar)	250	320	400	500
Outlet Pressure (bar)	370	440	520	700

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