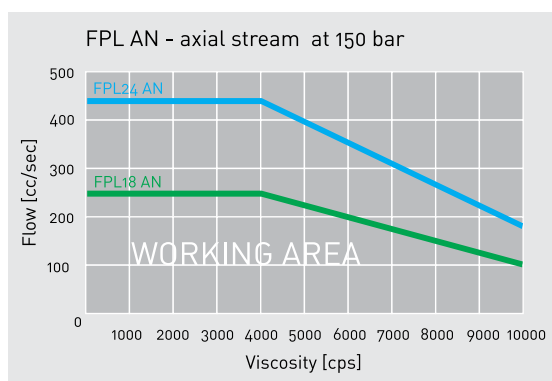
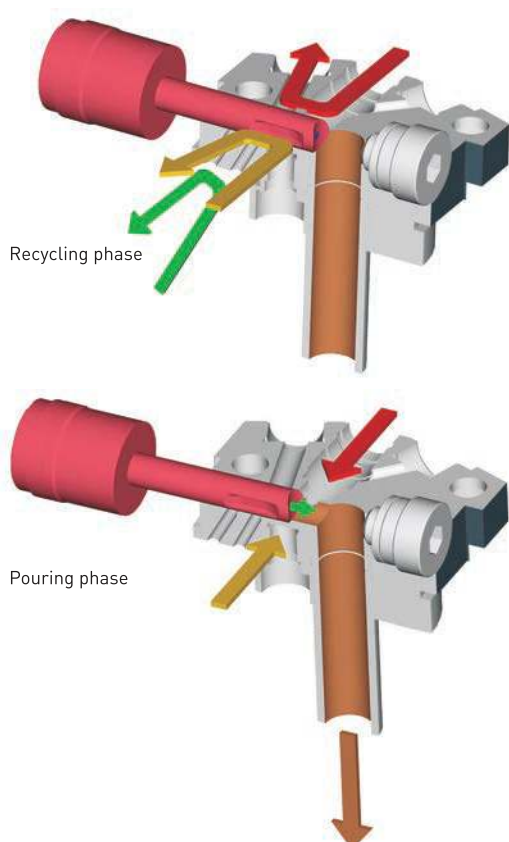


# FPL AN [Axial Needle] Head

Three components high pressure mixing head designed for the axial injection of a third, non abrasive, component (fillers with no quartz). In case of axial injection of a low viscosity stream, excellent mixing is obtained also at lower pressure.



FPL 18 HP AN 2 components - NO filler

cc/sec	Polyol	Iso	Axial Stream	Total
Min. output	90	90	-	180
Max. output	550	550	-	1100

FPL 18 HP AN 3 components - Filler on axial stream<sup>1</sup>

cc/sec	Polyol	Iso	Axial Stream	Total
Min. output	120	90	25	235
Max. output	550	550	250	1100

FPL 18 AN 3 components - NO filler on axial stream<sup>1-2</sup>

cc/sec	Polyol	Iso	Axial Stream	Total
Min. output	100	90	10	200
Max. output	550	550	250	1100

FPL 24 HP AN 2 components - NO filler

cc/sec	Polyol	Iso	Axial Stream	Total
Min. output	150	150	-	300
Max. output	1000	1000	-	2000

FPL 24 HP AN 3 components - Filler on axial stream<sup>1</sup>

cc/sec	Polyol	Iso	Axial Stream	Total
Min. output	190	150	25	365
Max. output	1000	1000	440	2000

FPL 24 AN 3 components - NO filler on axial stream<sup>1-2</sup>

cc/sec	Polyol	Iso	Axial Stream	Total
Min. output	170	150	10	330
Max. output	1000	1000	440	2000

(1) Axial stream output has to be <= to the pure polyol stream output by weight.

(2) Axial stream: color, additives or any other component without fillers

(\* ) Axial stream viscosity < 4000 cps at 150 bar.

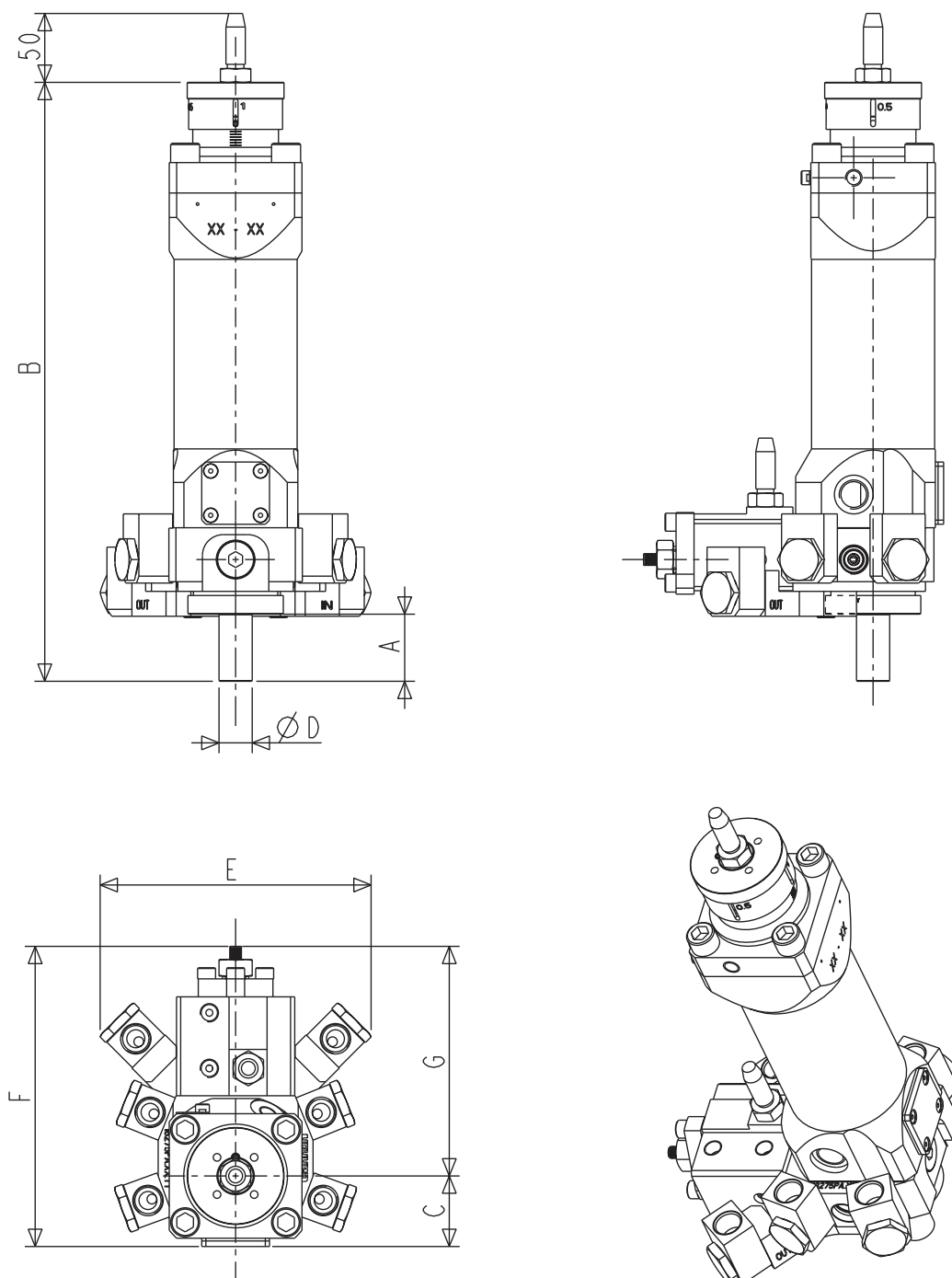
Perical fillers with granulometry < 100 micron.

Lamellas fillers with dimension < 500 micron

For higher viscosity see diagram (flow - viscosity)



	A	B	C	D	E	F	G	WEIGHT
<b>FPL 18 AN</b>	48.5 mm	433 mm	51 mm	24 mm	196 mm	217 mm	166 mm	20 Kg
<b>FPL 24 AN</b>	57 mm	486 mm	61 mm	32 mm	199 mm	264.5 mm	185.5 mm	28 Kg



All data are subject to variation without notification due to continuous technical/technological developments