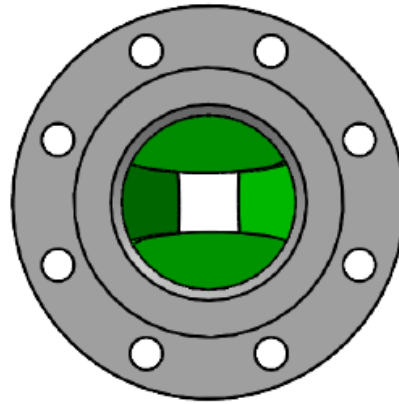


Mixing Section



Downstream End View

“L-PD” Series 3-Element Mixer

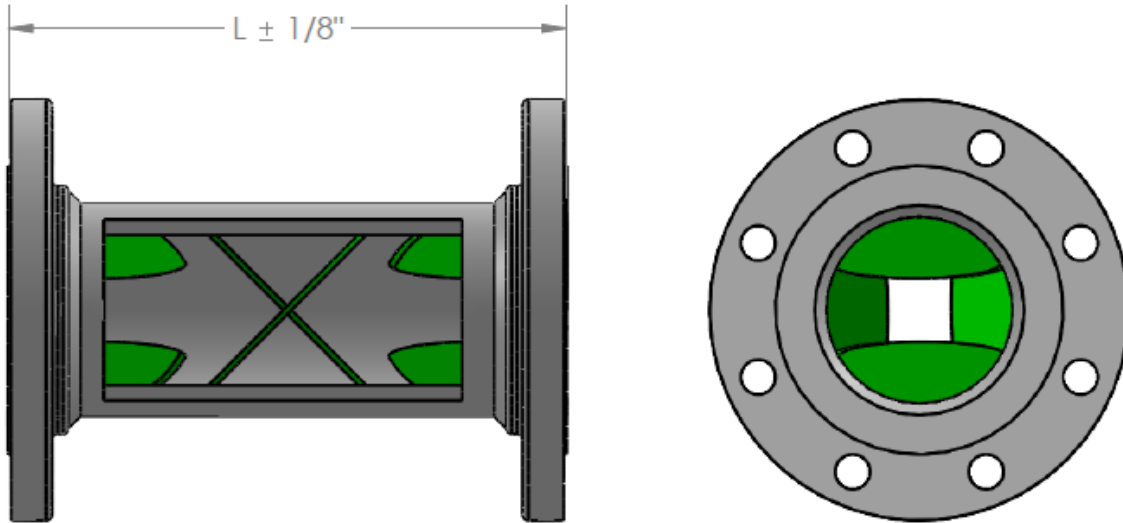
The design flexibility of MXR's Mixing Technologies will provide superior mixing performance in any liquid, gas, slurry, or particulate mixing.

DESIGN FEATURES & BENEFITS:

- 1. Typical Applications**
 - Water Treatment - Mixing additives like coagulants, flocculants, dewatering agents and for pH control.
 - Power Plants - Introducing and mixing gaseous additives such as ammonia for NO_x reduction.
- 2. High Mixing Efficiency**
 - High Mixing Efficiency for Liquid-Liquid, Liquid-Gas & Gas-Gas Mixing Application.
 - About 50-70% lower than conventional Static Mixers available in market today.
- 3. Short Mixing Length**
 - Typical Length required is just 2 to 4 times Nominal Pipe Diameter.
- 4. Option - Port/ Injector**
 - Better distribution of Additives prior to the Static Mixer.
 - More efficient mixing as a result.
- 5. Materials Of Construction**
 - Carbon Steel, Stainless Steel, Titanium and other exotic metals.
 - FRP, PVC, CPVC, PVDF and other Thermoplastics.

Note: MXR is not affiliated with Komax.

MXR "L-PD" SERIES STATIC MIXERS



HOUSING - PIPE:

Schedule 40 - CARBON STEEL - SA53 Grade B or Equiv.
Schedule 40 - STAINLESS STEEL - Type 316/316L
Schedule 80 - CLEAR PVC / PVC

END CONNECTION - FLANGES (ANSI B16.5, CLASS 150 (DRILLING)):

CARBON STEEL &
STAINLESS STEEL - Raised Face
CLEAR PVC or PVC - 2 1/2" & Smaller - Flat Face
3" & Larger - Raised Face

MIXING ELEMENTS:

Material Compatible With Housing

LINE SIZE NPS	LENGTH L, inches	
	2 el.	3 el.
1 1/2	3	4 1/2
2	4	6
2 1/2	5	7 1/2
3	6	9
4	8	12
6	12	18
8	16	24
10	20	30
12	24	36
Other sizes available upon request.		

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