

## PSE Evolve E2 Cam with **Low Let Off (LL)** Modules

Charts show stop size and stop position affects on let off % and draw length  
 Charts are a reference for selecting stop sizes Data is from **PSE Evoke XF33 E2 Cam**

"in" "mid" "out" = stop position on module

**Always exercise caution when changing let-off**

**When installing stops 2W and 2X do initial test on draw board**

Module in "A" Position (low let-off module)												
Let off %	83%	81%	79%	76%	74%	73%	70%	69%	66%	64%	61%	60%
Draw length change	+9/32"	+3/16"	+3/32"	0	-1/16"	-3/16"	-1/4"	-11/32"	-13/32"	-1/2"	-19/32"	-21/32"
Evolve 2 Factory Stops				in		mid.		out				
2F Lucky Stops				F in		F mid.		F out				
2S Lucky Stops					S in		S mid.		S out			
2W Lucky Stops	W in		W mid.		W out							
2X Lucky Stops		X in		X mid.		X out						
2Y Lucky Stops							Y in		Y mid.		Y out	
2Z Lucky Stops								Z in		Z mid.		Z out

Module in "B" Position (low let-off module)												
Let off %	81%	79%	77%	74%	72%	70%	67%	65%	63%	60%	59%	56%
Draw length change	+1/4"	+5/32"	+1/16"	0	-3/32"	-3/16"	-1/4"	-11/32"	-7/16"	-17/32"	-5/8"	-11/16"
Evolve 2 Factory Stops				in		mid.		out				
2F Lucky Stops				F in		F mid.		F out				
2S Lucky Stops					S in		S mid.		S out			
2W Lucky Stops	W in		W mid.		W out							
2X Lucky Stops		X in		X mid.		X out						
2Y Lucky Stops							Y in		Y mid.		Y out	
2Z Lucky Stops								Z in		Z mid.		Z out

Module in "C" Position (low let-off module)												
Let off %	82%	79%	77%	74%	71%	69%	66%	64%	62%	59%	56%	53%
Draw length change	+1/4"	+5/32"	+3/32"	0	-3/32"	-5/32"	-1/4"	-11/32"	-7/16"	-1/2"	-19/32"	-11/16"
Evolve 2 Factory Stops				in		mid.		out				
2F Lucky Stops				F in		F mid.		F out				
2S Lucky Stops					S in		S mid.		S out			
2W Lucky Stops	W in		W mid.		W out							
2X Lucky Stops		X in		X mid.		X out						
2Y Lucky Stops							Y in		Y mid.		Y out	
2Z Lucky Stops								Z in		Z mid.		Z out

Module in "D" Position (low let-off module)												
Let off %	83%	80%	78%	74%	71%	69%	66%	63%	61%	58%	56%	52%
Draw length change	+1/4"	+5/32"	+3/32"	0	-3/32"	-3/16"	-1/4"	-11/32"	-7/16"	-17/32"	-5/8"	-11/16"
Evolve 2 Factory Stops				in		mid.		out				
2F Lucky Stops				F in		F mid.		F out				
2S Lucky Stops					S in		S mid.		S out			
2W Lucky Stops	W in		W mid.		W out							
2X Lucky Stops		X in		X mid.		X out						
2Y Lucky Stops							Y in		Y mid.		Y out	
2Z Lucky Stops								Z in		Z mid.		Z out

Module in "E" Position (low let-off module)												
Let off %	84%	81%	78%	75%	71%	69%	66%	63%	60%	57%	54%	52%
Draw length change	+1/4"	+3/16"	+3/32"	0	-3/32"	-3/16"	-1/4"	-11/32"	-7/16"	-9/16"	-5/8"	-3/4"
Evolve 2 Factory Stops				in		mid.		out				
2F Lucky Stops				F in		F mid.		F out				
2S Lucky Stops					S in		S mid.		S out			
2W Lucky Stops	W in		W mid.		W out							
2X Lucky Stops		X in		X mid.		X out						
2Y Lucky Stops							Y in		Y mid.		Y out	
2Z Lucky Stops								Z in		Z mid.		Z out

Module in "F" Position (low let-off module)												
Let off %	85%	82%	79%	75%	72%	69%	66%	63%	60%	57%	55%	52%
Draw length change	+1/4"	+5/32"	+3/32"	0	-3/32"	-5/32"	-1/4"	-3/8"	-7/16"	-9/16"	21/32"	-3/4"
Evolve 2 Factory Stops				in		mid.		out				
2F Lucky Stops				F in		F mid.		F out				
2S Lucky Stops					S in		S mid.		S out			
2W Lucky Stops	W in		W mid.		W out							
2X Lucky Stops		X in		X mid.		X out						
2Y Lucky Stops							Y in		Y mid.		Y out	
2Z Lucky Stops								Z in		Z mid.		Z out

Module in "G" Position (low let-off module)												
Let off %	86%	83%	80%	76%	73%	70%	67%	64%	61%	57%	55%	52%
Draw length change	+1/4"	+1/16"	+3/32"	0	-3/32"	-3/16"	-9/32"	-3/8"	-15/32"	-9/16"	-21/32"	-3/4"
Evolve 2 Factory Stops				in		mid.		out				
2F Lucky Stops				F in		F mid.		F out				
2S Lucky Stops					S in		S mid.		S out			
2W Lucky Stops	W in		W mid.		W out							
2X Lucky Stops		X in		X mid.		X out						
2Y Lucky Stops							Y in		Y mid.		Y out	
2Z Lucky Stops								Z in		Z mid.		Z out

Module in "H" Position (low let-off module)												
Let off %	87%	83%	81%	76%	73%	70%	67%	64%	61%	58%	56%	52%
Draw length change	+9/32"	+3/16"	+3/32"	0	-3/32"	-3/16"	-9/32"	-13/32"	-1/2"	-5/8"	-23/32"	-13/16"
Evolve 2 Factory Stops				in		mid.		out				
2F Lucky Stops				F in		F mid.		F out				
2S Lucky Stops					S in		S mid.	0	S out			
2W Lucky Stops	W in		W mid.		W out							
2X Lucky Stops		X in		X mid.		X out						
2Y Lucky Stops							Y in		Y mid.		Y out	
2Z Lucky Stops								Z in		Z mid.		Z out

Module in "I" Position (low let-off module)												
Let off %	88%	84%	81%	78%	74%	71%	68%	65%	62%	59%	57%	54%
Draw length change	+9/32"	+3/16"	+3/32"	0	-3/32"	-7/32"	-5/16"	-13/32"	-1/2"	-5/8"	-3/4"	-27/32"
Evolve 2 Factory Stops				in		mid.		out				
2F Lucky Stops				F in		F mid.		F out				
2S Lucky Stops					S in		S mid.		S out			
2W Lucky Stops	W in		W mid.		W out							
2X Lucky Stops		X in		X mid.		X out						
2Y Lucky Stops							Y in		Y mid.		Y out	
2Z Lucky Stops								Z in		Z mid.		Z out

**How to calculate holding weight**  $(1 - (\text{let off \%} \div 100)) \times \text{peek draw weight} = \text{holding weight}$   
**Example**  $(1 - (88 \div 100)) \times 59\text{lbs} = \text{holding weight} \ggg (1 - .88) \times 59\text{lbs} = \text{holding weight} \ggg .12 \times 59\text{lbs} = 7.08 \text{ lbs.}$

**How to calculate let off percent**  $(1 - (\text{Holding weight} \div \text{peek draw weight})) \times 100 = \text{let off \%}$   
**Example**  $(1 - (7.08\text{lbs} \div 59\text{lbs})) \times 100 = \text{let off \%} \ggg (1 - .12) \times 100 = \text{let off \%} \ggg .88 \times 100 = 88\%$



Out Position



Mid. Position



In Position



2W 2F 2Y



2X 2S 2Z

