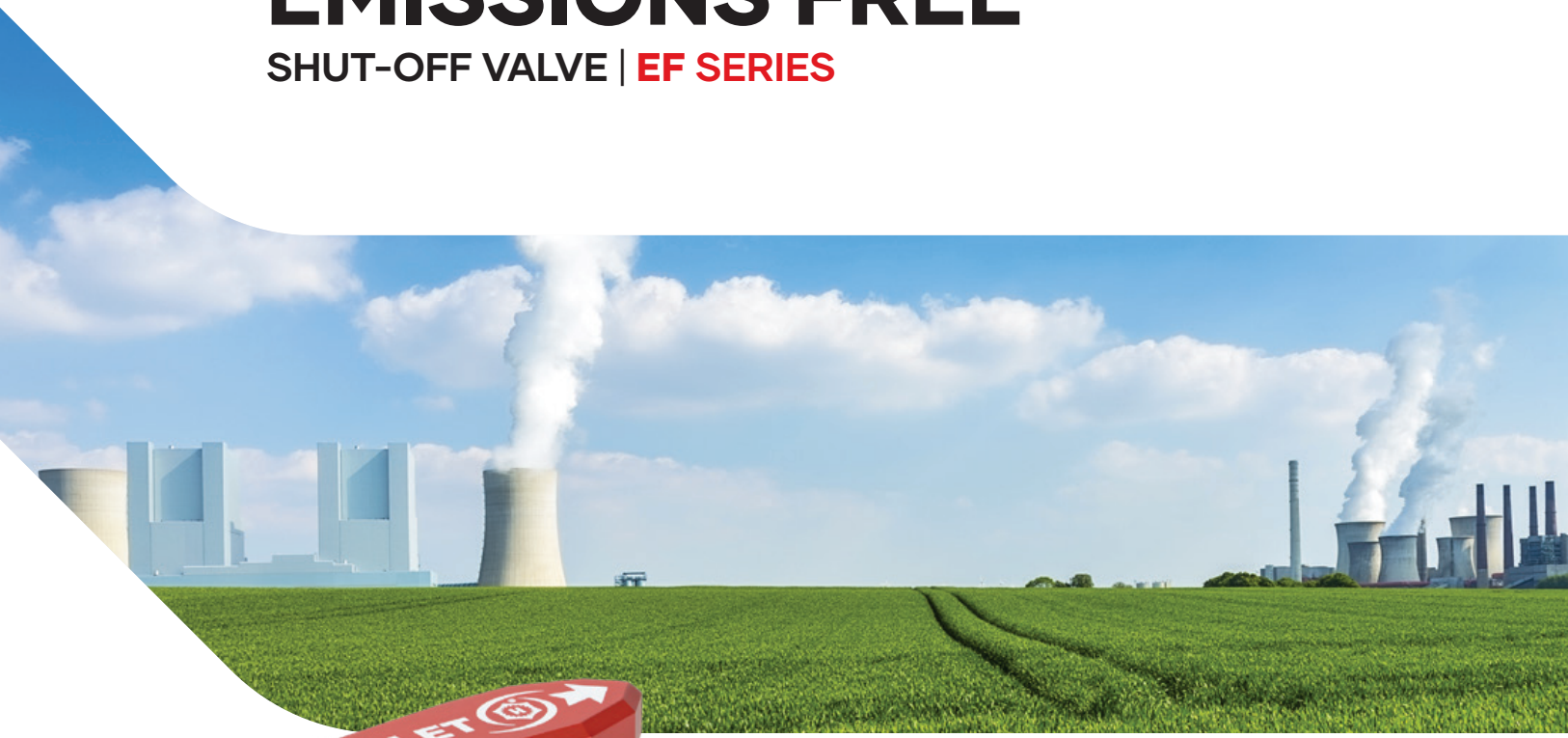
FUGITIVE EMISSIONS FREE

SHUT-OFF VALVE | EF SERIES





HAM-LET® Group

EF FEATURES

- Fugitive Emission Free Valve
- Encapsulated Cylindrical Stem design
- On/off-service, one-piece Cylindrical Valve with 2-way pattern
- Stainless Steel construction
- Allows bi-directional flow in 2-way straight pattern
- One-piece Cylindrical Stem ensures alignment of stem and orifice
- Max working pressure 2500 psi (206 bar)
- Max working temperature 140°F (60°C)
- Variety of end connection and sizes avilable

EF GENERAL

Fugitive emissions (FE) are emissions of gases or vapors from pressurized equipment due to leaks and other unintended or irregular release of gases.

Fugitive emissions from industrial activities impact our environment, our communities, and the costs of monitoring and compliance.

Ham-Let's solution prevents fugitive emissions from valves, which account for almost 60% of total fugitive emissions, by eliminating possible fugitive emission leaks from the valve stem.

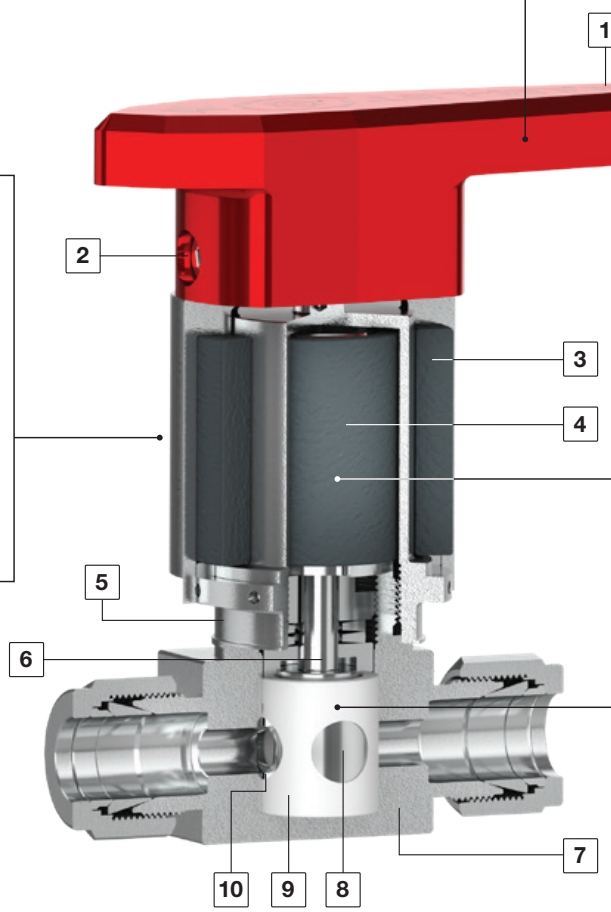
MATERIAL OF CONSTRUCTION

No.	Description	Qty.	Material
1	Handle	1	AL-6061
2	Set Screw	1	SS304
3	External Rotor	1	Neodymium magnet
4	Internal Rotor	1	Neodymium magnet
5	Body Cap	1	SS316L
6	Stem	1	SS316L
7	Body	1	SS316L
8	Seat.disc	2	SS304
9	Seat	1	PTFE
10	Seat Ring	2	SS304
	Lubricants	Silicone based and PTFE based	

Ergonomically aluminum formed handle

Unique encapsulated design over the stem, gives no leak path to the atmosphere.

- Eliminate environment pollution fines
- Maximizing safety
- Eliminate material loss to atmosphere
- Reduce cost of inspection and maintenance
- Eliminate hazardous releases
- Ideal for process and instrumentation lines where releases must be minimized to protect health, safety and the environment

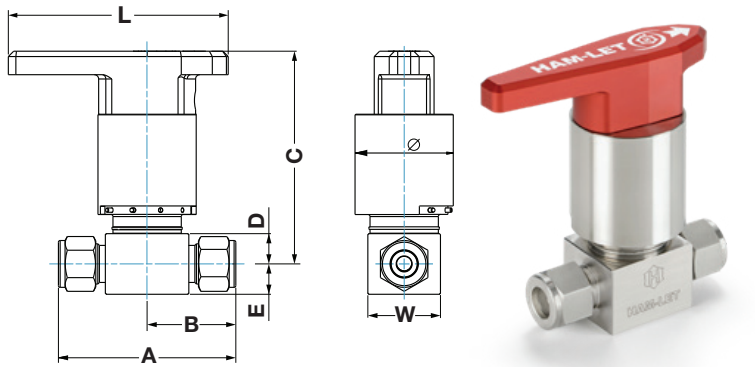


Permanent magnetic couplings transmit torque between the internal and external rotors

Based on the H-800KL design-features low operating torque and enables minimal thermal affect

ISO FE AH CO3 SSA0 t(RT, 60 °C)-(2500PSI)

SHUT-OFF VALVE | EF SERIES



STANDARD CONFIGURATION DIMENSIONS

End Connection		Body Size Designator	Orifice		CV straight	DIMENSIONS															
Type	Size		mm	inch		A		B		C		D		E		L		W		Ø	
						mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
Let-Lok® Imperial	3/8	KL	7.1	0.279	6	77.5	3.05	38.60	1.52	100	3.94	14.2	0.56	14.2	0.56	103	4.06	34.0	1.34	46.0	1.81
	1/2				6	83.12	3.27	41.56	1.63	100	3.94	14.2	0.56	14.2	0.56	103	4.06	34.0	1.34	46.0	1.81
Let-Lok® Metric	10mm	KL	7.1	0.279	6	78.0	3.07	38.90	1.53	100	3.94	14.2	0.56	14.2	0.56	103	4.06	34.0	1.34	46.0	1.81
	12mm				6	83.12	3.27	41.56	1.63	100	3.94	14.2	0.56	14.2	0.56	103	4.06	34.0	1.34	46.0	1.81
F-NPT	1/4	KL	7.1	0.279	3	63.5	2.50	31.75	1.25	100	3.94	14.2	0.56	14.2	0.56	103	4.06	34.0	1.34	46.0	1.81
	3/8				2.6	63.5	2.50	31.75	1.25	100	3.94	14.2	0.56	14.2	0.56	103	4.06	28.4	1.34	46.0	1.81
Female ISO 7/1 tapered	3/8	KL	7.1	0.279	2.6	63.5	2.50	31.75	1.25	100	3.94	14.2	0.56	14.2	0.56	103	4.06	34.0	1.34	46.0	1.81
Face Seal Male	1/2	KL	7.1	0.279	6	73.2	2.88	36.60	1.44	100	3.94	14.2	0.56	14.2	0.56	103	4.06	34.0	1.34	46.0	1.81

Dimensions are for reference only and are subject to change.

FUGITIVE EMISSIONS FREE ORDERING INFORMATION

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OPTIONAL

EFV - 00 - KL - SS - L 1/4 -

Valve Series

Valve Type	
00	- LET-LOK® Ends
10	- Female Ends
80	- Male Ends
85	- Male to Female Ends

Body Designator	
KL	- Large

End Connection Type	
L	- LET-LOK®
N	- NPT
G	- ISO parallel
R	- ISO Tapered
HL	- One Lok

Body and End Material	
SS	- St.St.316

End Connection Size	
1/4	
3/8	10 MM
1/2	12 MM

Treatment	
BLANK	- Standard Cleaning & Passivation
OC	- Oxygen Clean
LF	- Lubricant Free
SF	- Silicone Free

EF SERIES | 2020_Rev00