

No. 63LE



No. 64LE



No. 66LE



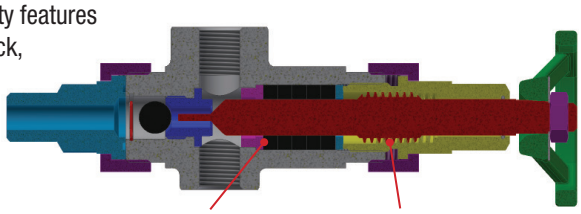
No. 67LE

Union Bonnet Valves

Series 60LE for Reflex or Transparent Flat Glass Gages

Jerguson® No. 60LE Series Valves are constructed to the highest of standards. The updated design removes the stem threads from contact with the process fluid by locating them behind the valve packing seal. This important feature prevents corrosion on the threading and provides a barrier inhibiting the ability of particulate to interfere with the hand wheel operation. The valve is low emission certified to API 624 to provide compliance with EPA standards. Quality features include stainless steel stems, seats, and ballcheck, regrindable and renewable seats.

- Stem threads outside the process fluid
  – US Patent No. 9,920,840
- Low emission certified to API 624
- Regrindable, renewable seat
- Unions with spiral wound gaskets



Valve Packing Rings *Stem Threads*

NO. 60LE SERIES VALVES

The series consists of the following valves:

No. 63LE – straight pattern with non-union gage connection

No. 64LE – straight pattern with union gage connection

No. 66LE – offset pattern with non-union gage connection

No. 67LE – offset pattern with union gage connection

PRESSURE RATINGS

Carbon & Stainless Steel Valves
Series 60LE Temperature / Pressure

Temperature		Pressure			
°F	°C	PSI	BarG	Kg/cm²	kPaG
100	38	4000	275.8	281.2	27579
200	93	3615	249.3	254.2	24928
300	149	3231	222.8	227.2	22276
400	204	2846	196.2	200.1	19624
500	260	2462	169.7	173.1	16973
600	316	2077	143.2	146.0	14321
700	371	1693	116.7	119.0	11670
800	427	1308	90.2	92.0	9018

Saturated steam rating 600 WSP

STANDARD FEATURES

Safety Shut-Off: All No. 60LE Series Valves are equipped with a stainless steel ballcheck located upstream from the seat which instantaneously shuts-off flow of fluid in case of gage failure. Vertical rising ballchecks are available for compliance with ASME Section I or the ball may also be omitted on request.

Union Process Connection: Series 60LE Valves are equipped with union process connections which permit simple installation and easy access to the ballcheck. A spring clip secures the ball-check in place so that it does not fall out when the union process connection is removed.

Union Gage Connection: Nos. 64LE and 67LE are furnished with a union gage connection which allows a top and bottom connected gage to be rotated to any desired angle for convenient visibility. It also makes possible removal of the gage without removing the valves or draining the liquid from the vessel - a feature which saves time when gages must be cleaned or maintained.

Offset Pattern: Nos. 66LE and 67LE valve bodies are designed so the gage connections are offset 7/8" from the centerline of the vessel connections. By removing the vent or drain plug, the interior of a top and bottom connected gage may be swabbed without disassembly.

Regrindable, Renewable Seat: The seat may be reground using the sleeve as a guide. The seat may be removed or replaced using a standard 5/8" socket wrench.

Liquid Level Valves

How to Specify 140, 60LE and 70BL Series Safety Ballcheck Valves

67LE – A – 1 – S – C04 – A04 – A04

Valve Series

Code	Description
143	Integral Bonnet, Straight Pattern Body, Non-Union Gage
144	Integral Bonnet, Straight Pattern Body, Union Gage
146	Integral Bonnet, Offset Body, Non-Union Gage
147	Integral Bonnet, Offset Body, Union Gage
63LE	Union Bonnet, Straight Pattern Body, Non-Union Gage
64LE	Union Bonnet, Straight Pattern Body, Union Gage
66LE	Union Bonnet, Offset Body, Non-Union Gage
67LE	Union Bonnet, Offset Body, Union Gage
73BL*	Bolted Bonnet, Straight Pattern Body, Non-Union Gage
74BL*	Bolted Bonnet, Straight Pattern Body, Union Gage
76BL*	Bolted Bonnet, Offset Body, Non-Union Gage
77BL*	Bolted Bonnet, Offset Body, Union Gage

** Specify X, XLE or XL for No Ballcheck on 140, 60LE or 70BL Series, respectively.*

Body Material

Code	Description
A	Carbon Steel
A32	LTCS (Offset Bodies Only)
T	316SS (Wetted Parts Only)
SP/T	All 316SS

Trim Material

Code	Description
1	416SS
2	316SS (NACE MR0175/MR0103 Compliant)
3	Monel (NACE MR0175/MR0103 Compliant)
4	Alloy 20 (NACE MR0175/MR0103 Compliant)

Packing

Code	Description
S	Standard 140 Series - Braided Carbon Fiber 60LE Series - Flex Graphite / Inconel (Low Emmission Certified) 70BL Series - Flex Graphite / Inconel (Low Emmission Certified)
G	Grafoil® (140 & 70BL Series Only)
T	Teflon® (140 & 70BL Series Only)

Union Process Connection 140/60LE Series
Non-Union Process Connection 70BL Series

Style Code	Description	*Size* Code	Description	Sizes Valid with Styles
A	FNPT	04	1/2"	A, B, C, D, F
B	FSW	06	3/4"	A, C, D, F
C	MNPT	08	1"	C, D, F
D	MSW	12	1-1/2"	F
F	RF ASME Flange	16	2"	F

Flange Type (If Applicable)

Code	Description
SO	(Slip-On)
SW	(Socket Weld)
WN	(Weld Neck)

Flange Class

Code	Description
01	150#
03	300#
06	600#
15	900/1500#

Options

Code	Description
Blank	Standard
SV	Spherical Union Process Connection
SG	Spherical Union Gage Connection
AP	Adjustable Union Process Connection
QL	Quick Closing w/ Levers
QH	Quick Closing w/ Handwheels
VR	Vertical Rising Ballcheck (Lower Top/Bottom Connected Valves Only - N/A for 143, 63LE, 73BL)
ST	Stellite Hardfacing on Seat/Stem (N/A for 140 Series)
SG	Spiral-Wound Gasket for Union Connections
AG	Adjustable Union Connection (Specify Gage or Process)
RJ	Ring Joint Flanges

Vent or Drain Connection 140/60LE Series*
Vent or Drain Connection 70BL Series*

Style Code	Description	*Size* Code	Description	Sizes Valid with Styles
A	FNPT	04	1/2"	A, B, F
B	FSW	06**	3/4"	A, B, F
		08	1"	F
		12	1-1/2"	F
F	RF ASME Flange	16	2"	F

** If Vent/Drain Connections differ, specify both*
*** 3/4" Vent/Drain not available with In-Line Body Valves*

Gage Connection 140/60LE Series
Gage Connection 70BL Series

Style Code	Description	*Size* Code	Description	Sizes Valid w/ 144, 147, 64LE, 67LE, 74BL, 77BL (Union)	Sizes Valid w/ 143, 146, 63LE, 66LE, 73BL, 76BL (Non-Union)
A	FNPT	04	1/2"	A, B, C, D, F	A, B, F
B	FSW	06	3/4"	A, C, D, F	A, B, F
C	MNPT	08	1"	F	F
D	MSW	12	1-1/2"	F	F
F	RF ASME Flange	16	2"	F	F

Authorised Distributor:

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