

BS-EJEF | v1.0 | 2026-08

Flanged Expansion Adapter

Drop a pump, valve or meter into a flanged line without fighting rigid spools: one face bolts to the flange, the other grips plain pipe and slides to absorb movement. Unbolt either side for service.

General Specifications

Size Range	DN15–DN4000
Sealing Pressure	≥1.6MPa (232 PSI)
Body Material	Q235 Carbon Steel / SS304 / SS316L / Duplex 2205
Seal Material	EPDM
Coating	Epoxy Powder
Bolt Specification	M16×80, Grade 8.8 High-Strength Bolts
Applicable Pipe Types	Steel, Ductile Iron, Cast Iron
Working Conditions	Standard Pressure
Custom Manufacturing	Custom sizes & specifications welcome. Contact us for inquiry.

Available Configurations

Body \ Pipe	PL	DI	ST	SS	FR	PS	CM	GR
Carbon Steel	✓	✓	✓	Inquire	Inquire	Inquire	Inquire	Inquire

✓ = Standard, with dimensions & price. — = Non-standard. Contact us.
PL=Plastic DI=Ductile Iron ST=Steel SS=Stainless Steel FR=FRP PS=PE Skeleton CM=Cement GR=Grooved

BS-EJEF-CSPL

Shell: Carbon Steel / Pipe: Plastic (PE/PPR/UPVC/PVC-M)

Carbon steel body provides high structural strength, suitable for both above-ground and buried installations. The EPDM gasket's pre-compression design ensures reliable initial seal on the smooth, low-compression-strength surface of plastic pipes.

Drop a pump, valve or meter into a flanged line without fighting rigid spools: one face bolts to the flange, the other grips plain pipe and slides to absorb movement. Unbolt either side for service.



Pressure	≥1.6MPa (232 PSI)
Size Range	DN15–DN4000
Variants	42 specs

Materials & Standards

Component	Material	Standard
Shell	Carbon Steel	GB/T 700
Gasket	EPDM	BS EN 681-1 / GB/T 21873
Bolts	M16×80, Grade 8.8 High-Strength Bolts	ISO 898-1 / GB/T 3098.1
Coating	Epoxy Powder	AWWA C210 / GB/T 18593

BS-EJEF-CSPL

Dimensions & Price

Shell: Carbon Steel / Pipe: Plastic (PE/PPR/UPVC/PVC-M) ≥1.6MPa (232 PSI)				
No.	φ (mm)	L (mm)	Wt (kg)	List Price (USD)
001	20	50	—	\$59
002	25	50	—	\$59
003	32	50	—	\$59
004	40	50	—	\$59
005	50	75	—	\$59
006	63	100	—	\$64
007	75	115	—	\$74
008	90	120	—	\$86
009	110	125	—	\$101
010	125	125	—	\$115
011	140	130	—	\$132
012	160	135	—	\$142
013	180	150	—	\$169
014	200	150	—	\$186
015	225	170	—	\$208
016	250	175	—	\$235
017	280	185	—	\$283
018	315	185	—	\$304
019	355	210	—	\$430
020	400	225	—	\$499
021	450	235	—	\$663
022	500	245	—	\$760
023	560	250	—	\$871
024	630	290	—	\$1,001
025	710	290	—	\$1,529
026	800	300	—	\$2,087
027	900	350	—	\$2,841
028	1000	350	—	\$3,183
029	1200	350	—	\$3,989
030	1400	350	—	\$4,811
031	1600	350	—	\$5,824
032	1800	350	—	\$6,664
033	2000	350	—	\$7,533
034	2200		—	POA
035	2400		—	POA
036	2600		—	POA
037	2800		—	POA

Shell: Carbon Steel / Pipe: Plastic (PE/PPR/UPVC/PVC-M) $\geq 1.6\text{MPa}$ (232 PSI)				
No.	φ (mm)	L (mm)	Wt (kg)	List Price (USD)
038	3000		—	POA
039	3400		—	POA
040	3600		—	POA
041	3800		—	POA
042	4000		—	POA

* = regular stock.
 1S = 1-Step Molded | 2S = 2-Step Molded | W1 = Welded (50–400) | W2 = Welded (450+)
 Prices indicative — contact us for current quotation.
 List Price, FOB Shanghai — valid 30 days, base rate 6.72

BS-EJEF-CSDI

Shell: Carbon Steel / Pipe: Ductile Iron

Carbon steel body provides high structural strength, suitable for both above-ground and buried installations. High-torque preload against the thick-walled rigidity of ductile iron pipe creates a robust, settlement-resistant connection. The EPDM gasket compensates for minor surface irregularities common in cast iron.

Drop a pump, valve or meter into a flanged line without fighting rigid spools: one face bolts to the flange, the other grips plain pipe and slides to absorb movement. Unbolt either side for service.



Pressure	≥1.6MPa (232 PSI)
Size Range	DN40–DN4000
Variants	35 specs

Materials & Standards

Component	Material	Standard
Shell	Carbon Steel	GB/T 700
Gasket	EPDM	BS EN 681-1 / GB/T 21873
Bolts	M16×80, Grade 8.8 High-Strength Bolts	ISO 898-1 / GB/T 3098.1
Coating	Epoxy Powder	AWWA C210 / GB/T 18593

BS-EJEF-CSDI

Dimensions & Price

Shell: Carbon Steel / Pipe: Ductile Iron ≥1.6MPa (232 PSI)				
No.	DN	L (mm)	Wt (kg)	List Price (USD)
001	40	75	—	\$61
002	50	100	—	\$65
003	65	115	—	\$76
004	80	120	—	\$89
005	100	125	—	\$104
006	125	130	—	\$133
007	150	135	—	\$145
008	200	170	—	\$207
009	250	185	—	\$281
010	300	185	—	\$308
011	350	210	—	\$442
012	400	225	—	\$514
013	450	235	—	\$682
014	500	250	—	\$782
015	600	290	—	\$1,004
016	700	290	—	\$1,547
017	800	300	—	\$2,115
018	900	350	—	\$2,954
019	1000	350	—	\$3,304
020	1100	350	—	\$3,566
021	1200	350	—	\$4,128
022	1400	350	—	\$4,968
023	1500	350	—	\$5,215
024	1600	350	—	\$5,996
025	1800	350	—	\$6,853
026	2000	350	—	\$7,740
027	2200	350	—	POA
028	2400	350	—	POA
029	2600	350	—	POA
030	2800		—	POA
031	3000		—	POA
032	3400		—	POA
033	3600		—	POA
034	3800		—	POA
035	4000		—	POA

* = regular stock.
Prices indicative — contact us for current quotation.

List Price, FOB Shanghai — valid 30 days, base rate 6.72

BS-EJEF-CSST

Shell: Carbon Steel / Pipe: Steel

Carbon steel body provides high structural strength, suitable for both above-ground and buried installations. Engineered to accommodate thermal expansion and contraction of steel pipelines while maintaining seal integrity under fluctuating service conditions.

Drop a pump, valve or meter into a flanged line without fighting rigid spools: one face bolts to the flange, the other grips plain pipe and slides to absorb movement. Unbolt either side for service.



Pressure	≥1.6MPa (232 PSI)
Size Range	DN40–DN4000
Variants	35 specs

Materials & Standards

Component	Material	Standard
Shell	Carbon Steel	GB/T 700
Gasket	EPDM	BS EN 681-1 / GB/T 21873
Bolts	M16×80, Grade 8.8 High-Strength Bolts	ISO 898-1 / GB/T 3098.1
Coating	Epoxy Powder	AWWA C210 / GB/T 18593

BS-EJEF-CSST

Dimensions & Price

Shell: Carbon Steel / Pipe: Steel ≥1.6MPa (232 PSI)				
No.	DN	L (mm)	Wt (kg)	List Price (USD)
001	40	75	—	\$61
002	50	100	—	\$65
003	65	115	—	\$76
004	80	120	—	\$89
005	100	125	—	\$104
006	125	130	—	\$133
007	150	135	—	\$145
008	200	170	—	\$207
009	250	185	—	\$281
010	300	185	—	\$308
011	350	210	—	\$442
012	400	225	—	\$514
013	450	235	—	\$682
014	500	250	—	\$782
015	600	290	—	\$1,004
016	700	290	—	\$1,547
017	800	300	—	\$2,115
018	900	350	—	\$2,954
019	1000	350	—	\$3,304
020	1100	350	—	\$3,566
021	1200	350	—	\$4,128
022	1400	350	—	\$4,968
023	1500	350	—	\$5,215
024	1600	350	—	\$5,996
025	1800	350	—	\$6,853
026	2000	350	—	\$7,740
027	2200	350	—	POA
028	2400	350	—	POA
029	2600	350	—	POA
030	2800		—	POA
031	3000		—	POA
032	3400		—	POA
033	3600		—	POA
034	3800		—	POA
035	4000		—	POA

* = regular stock.
Prices indicative — contact us for current quotation.

List Price, FOB Shanghai — valid 30 days, base rate 6.72