Flanged Expansion Adapter

TECHNICAL & PRICE DATASHEET

3 configurations / 112 dimension & price rows



Select the fitting by pipe geometry, measured outside diameter and operating duty. Confirm the size, connection details and seal compound before ordering.

GENERAL SPECIFICATIONS

General nominal-size capability	DN15-DN4000
Sealing Pressure	≥1.6 MPa (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

Table range means sizes with published dimensions and prices only. Other sizes can be custom manufactured and quoted separately. General nominal-size capability: DN15-DN4000; confirm actual pipe OD.

Published pressure and range values are configuration references, not a blanket rating for every size. Material references do not certify the complete assembly. Confirm installation and isolation arrangements for the site.

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BS-EJEF-CSPL

BS-EJEF-CSPL

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



Select the fitting by pipe geometry, measured outside diameter and operating duty. Confirm the size, connection details and seal compound before ordering.

Published pressure	≥1.6 MPa (232 psi)
Priced table sizes	φ20-φ4000

Table sizes only; other sizes quoted separately. General nominal capability DN15-DN4000.

MATERIALS & REFERENCES

Component	Material	Material reference
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	Coating specification to be agreed

DIMENSIONS & PRICE

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

* Catalogue stock marker; confirm availability. Wt = theoretical estimate, not shipping weight.

Indicative USD list prices; request a current quotation. FOB Shanghai; 30-day validity; base rate 6.72.

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BS-EJEF-CSPL / continued

BS-EJEF-CSPL

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

≥1.6 MPa (232 psi) | φ20-φ4000

Table sizes only; other sizes quoted separately. General nominal capability DN15-DN4000.

No.	φ mm	L mm	Wt kg	List price USD
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
038	3000	-	-	POA

* Catalogue stock marker; confirm availability. Wt = theoretical estimate, not shipping weight.

Indicative USD list prices; request a current quotation. FOB Shanghai; 30-day validity; base rate 6.72.

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BS-EJEF-CSPL / continued

BS-EJEF-CSPL

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

≥1.6 MPa (232 psi) | φ20-φ4000

Table sizes only; other sizes quoted separately. General nominal capability DN15-DN4000.

No.	φ mm	L mm	Wt kg	List price USD
039	3400	-	-	POA
040	3600	-	-	POA
041	3800	-	-	POA
042	4000	-	-	POA

* Catalogue stock marker; confirm availability. Wt = theoretical estimate, not shipping weight.

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BS-EJEF-CSDI

BS-EJEF-CSDI

Shell: Carbon Steel / Pipe: Ductile Iron



Select the fitting by pipe geometry, measured outside diameter and operating duty. Confirm the size, connection details and seal compound before ordering.

Published pressure	≥1.6 MPa (232 psi)
Priced table sizes	DN40-DN4000

Table sizes only; other sizes quoted separately. General nominal capability DN15-DN4000.

MATERIALS & REFERENCES

Component	Material	Material reference
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	Coating specification to be agreed

DIMENSIONS & PRICE

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

* Catalogue stock marker; confirm availability. Wt = theoretical estimate, not shipping weight.

Indicative USD list prices; request a current quotation. FOB Shanghai; 30-day validity; base rate 6.72.

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BS-EJEF-CSDI / continued

BS-EJEF-CSDI

Shell: Carbon Steel / Pipe: Ductile Iron

≥1.6 MPa (232 psi) | DN40-DN4000

Table sizes only; other sizes quoted separately. General nominal capability DN15-DN4000.

No.	DN	L mm	Wt kg	List price USD
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

* Catalogue stock marker; confirm availability. Wt = theoretical estimate, not shipping weight.

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BS-EJEF-CSST

BS-EJEF-CSST

Shell: Carbon Steel / Pipe: Steel



Select the fitting by pipe geometry, measured outside diameter and operating duty. Confirm the size, connection details and seal compound before ordering.

Published pressure	≥1.6 MPa (232 psi)
Priced table sizes	DN40-DN4000

Table sizes only; other sizes quoted separately. General nominal capability DN15-DN4000.

MATERIALS & REFERENCES

Component	Material	Material reference
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	Coating specification to be agreed

DIMENSIONS & PRICE

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

* Catalogue stock marker; confirm availability. Wt = theoretical estimate, not shipping weight.

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BS-EJEF-CSST / continued

BS-EJEF-CSST

Shell: Carbon Steel / Pipe: Steel

≥1.6 MPa (232 psi) | DN40-DN4000

Table sizes only; other sizes quoted separately. General nominal capability DN15-DN4000.

No.	DN	L mm	Wt kg	List price USD
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

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Configuration matrix / code key

Read the configuration code.

Product family + shell code + pipe code identify the configuration. Include the table row number to identify the dimensional variant.

Body / pipe	PL	DI	ST	SS	FR	PS	CM	GR
CS / Carbon steel	Y	Y	Y	-	-	-	-	-

Y = published dimension and price data. - = non-standard / enquire. Custom designs remain subject to confirmation.

PIPE CODE KEY	
PL	Plastic (PE/PPR/UPVC/PVC-M)
DI	Ductile Iron
ST	Steel
SS	Stainless Steel
FR	FRP (Glass Fiber)
PS	PE Steel Skeleton Composite
CM	Cement Mortar Lined
GR	Grooved

DN / NPS are nominal designations. φ / OD (mm) denote pipe outside diameter in millimetres. L is the published fitting length. Branch sizes retain the source units; confirm the thread or flange specification.

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Ordering / notes / revision

Specify the row. Confirm the duty.

Quote the full BS configuration code and table row, plus measured pipe OD, service pressure, temperature, medium and quantity. Include drawings or photographs of the connection where available.

Selection	Confirm before ordering
Pipe & fit	Measured OD, pipe material, wall thickness, connection geometry and fitting length.
Operating duty	Medium, temperature, pressure, movement and restraint requirements for the selected design.
Finish & seal options	Most products, particularly steel fittings, offer customer-specified surface treatment and seal materials. Confirm the finish and rubber compound for the duty.
Installation	Confirm isolation, bolt size, quantity and tightening torque for the supplied assembly. These values are not tabulated in this source.

Published pressure and range values are configuration references, not a blanket rating for every size. Material references do not certify the complete assembly. Confirm installation and isolation arrangements for the site.

Table range means sizes with published dimensions and prices only. Other sizes can be custom manufactured and quoted separately. General nominal-size capability: DN15-DN4000; confirm actual pipe OD.

COMMERCIAL & DATA NOTES

* Catalogue stock marker; confirm availability. Wt = theoretical estimate, not shipping weight.
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