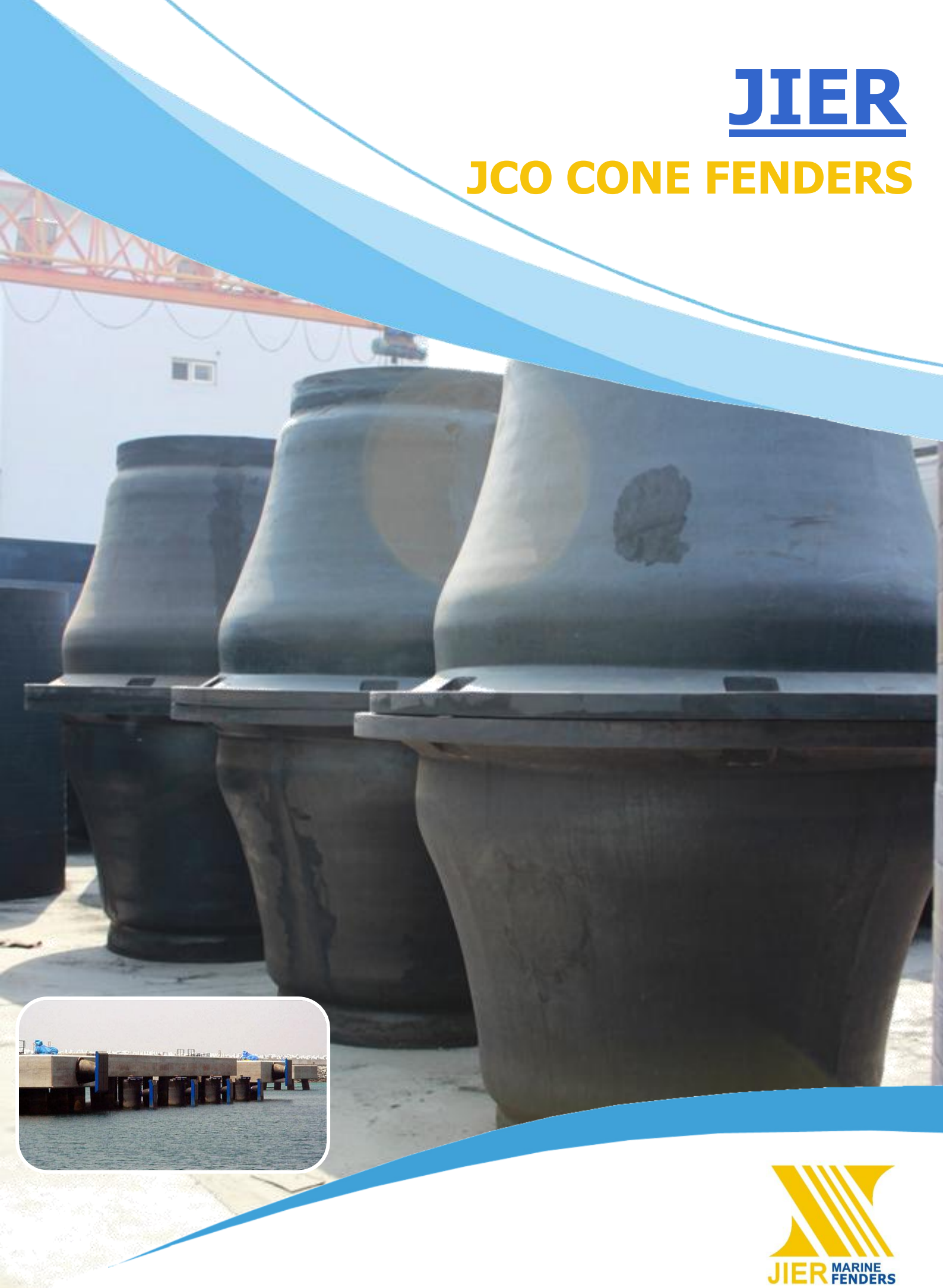
JIER

JCO CONE FENDERS



JIER MARINE FENDERS

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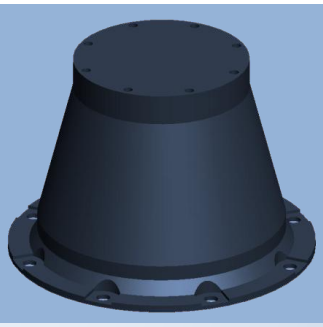


JCO Cone Fenders

Cone Fenders are the latest generation of "Cell Fender" combining excellent energy capacity with low reaction force to give the most efficient performance of any fender type. The conical shape keeps the body stable under all combinations of axial, shear and angular loading, making it ideal for berths where large berthing angles and heavy impacts need to be accommodated.

All Cone Fenders are single piece mouldings so they are robust, long lasting and easy to install. UHMW-PE faced steel frontal frames are generally used in conjunction with Cone Fenders.

Core Attributes

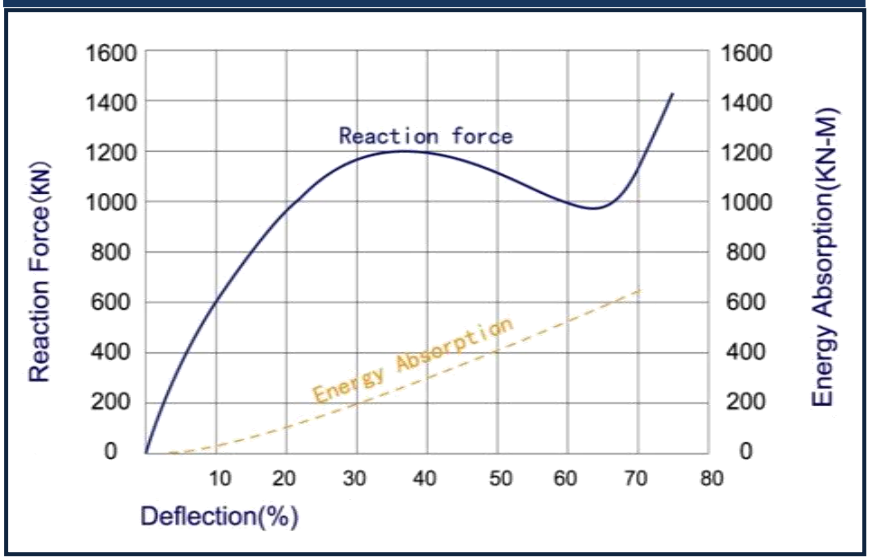
- High efficient shape
- Excellent under large berthing angles and shear
- Versatile design suits numerous applications
- Choice of low, standard, intermediate and high compounds
- Stable geometry maintains performance under all loading combinations

JCO Cone Fender Performance Table

Model		FS		FH		FO		FL	
		70%	72%	70%	72%	70%	72%	70%	72%
JCO500	E	80.6	91.8	64.3	71.4	47.9	51	37.7	41.8
	R	342	388	273	317	204	237	168	197
JCO600	E	160	164	130	132	95.9	106	76.5	86.7
	R	490	553	390	438	289	325	230	263
JCO700	E	240	248	185	196	153	157	122	127
	R	665	705	532	579	320	435	314	348
JCO800	E	375	388	300	322	229	257	183	212
	R	879	949	720	850	512	588	410	437
JCO900	E	504	527	407	440	312	341	260	275
	R	1099	1213	879	976	648	717	518	569
JCO1000	E	682	750	552	600	446	488	357	388
	R	1366	1537	1100	1237	800	900	641	712
JCO1100	E	847	882	663	695	505	538	416	441
	R	1459	1601	1169	1284	946	1039	816	850
JCO1150	E	1050	1125	900	957	679	731	543	600
	R	1799	2025	1420	1625	1059	1175	847	937
JCO1200	E	1115	1172	971	1018	719	754	571	599
	R	1883	2086	1526	1698	1128	1252	908	1005
JCO1300	E	1617	1673	1336	1387	1064	1099	765	816
	R	2168	2358	1739	1938	1346	1567	1148	1224
JCO400	E	1720	1791	1376	1433	1101	1147	877	914
	R	2300	2556	1840	2045	1472	1636	1173	1304
JCO1600	E	2467	2570	1974	2056	1579	1645	1259	1311
	R	3084	3213	2313	2570	1850	2056	1446	1606
JCO1800	E	3609	3760	2887	3007	2309	2406	1840	1918
	R	3825	4249	3060	3400	2449	2720	1950	2168

Note: **FS:** Super High Reaction Force. **FH:** High Reaction Force. **FO:** Standard Reaction Force. **FL:** Low Reaction Force. **E:** Energy Absorption. **R:** Reaction Force

JCO Cone Fender Performance Curve



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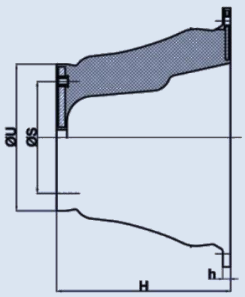
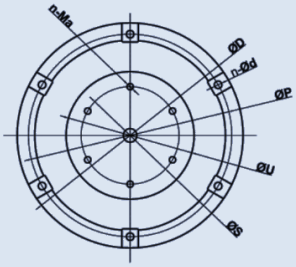




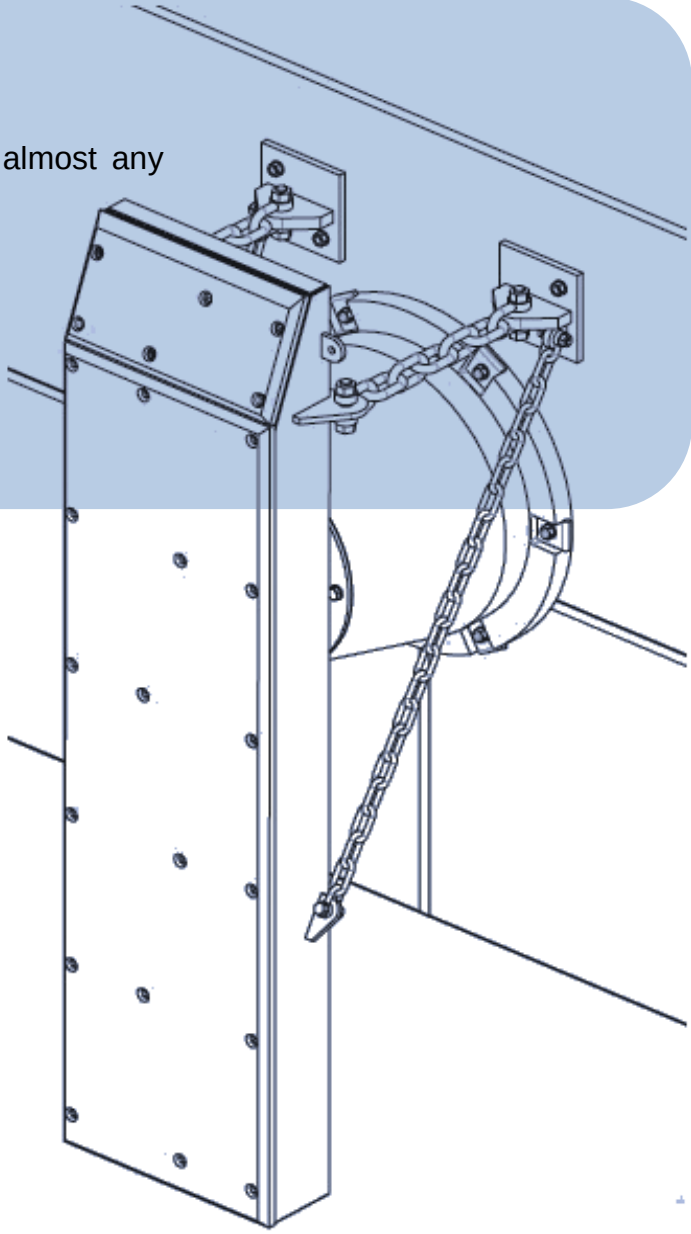
JCO Cone Fender Dimensions Table

Size	H	h	ΦU	ΦS	ΦP	ΦD	n	n-Φd	n-Ma
JCO500H	500	25	425	325	675	750	4	30	M24
JCO600H	600	27	510	390	810	900	6	30	M24
JCO700H	700	32	595	455	945	1050	6	38	M30
JCO800H	800	36	680	520	1080	1200	6	44	M36
JCO900H	900	41	765	585	1215	1350	6	44	M36
JCO1000H	1000	45	850	650	1350	1500	6	56	M42
JCO1100H	1100	50	935	715	1485	1650	6	50	M42
JCO1150H	1150	52	998	750	1550	1725	6	56	M42
JCO1200H	1200	54	1020	780	1620	1800	8	50	M42
JCO1300H	1300	59	1105	845	1755	1950	8	60	M48
JCO1400H	1400	66	1190	930	1890	2100	8	60	M48
JCO1600H	1600	72	1360	1060	2160	2400	8	70	M48
JCO1800H	1800	78	1530	1190	2430	2700	10	76	M56

Application

Super Cone systems can be used by most vessels on almost any berthing structure including:

- Container Terminals
- RoRo & Cruise Berths
- Bulk Terminals
- Parallel Motion Fenders
- Many other applications
- Tanker Berths
- Dolphins & Monopiles
- General Cargo Facilities
- Fender Walls



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