

KCSC Series

Stacker Crane Buffers



KOBA
Best Energy Absorption

KCSC Series는 Gas Return 방식으로 Oil양에 비해 Gas량이 상대적으로 크게 설계되어 있어 Low Peak 및 Low Recoil Force 를 갖습니다. 따라서 정상운전 시에는 최소의 저항력으로 동작하면서 비상시에는 안전하게 감속시켜줍니다.

KCSC Series는 자동화된 물류시스템의 스택커 크레인에 주로 사용하는 제품으로 Stroke 1500mm, 에너지 흡수용량 800 kJ까지 대용량의 표준품을 생산하고 있으며, 그 외 특수사양은 주문생산 방식으로 공급하고 있습니다. 또한 산업안전 규격 OSHA, AISE, CMMA, DIN, FEM 등의 표준규격에 준하여 생산 공급하고 있습니다.

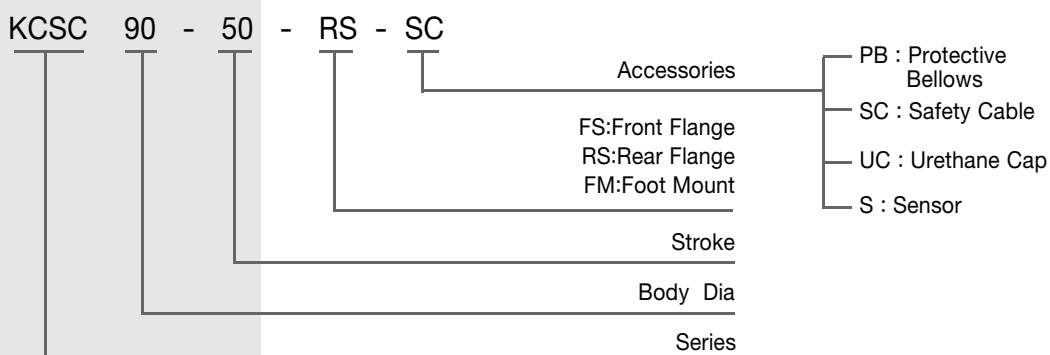
특징

- 최대 사용횟수 : 60 cycle/h
- 최대 충돌속도 : 3.8 m/s
- 사용온도 : 표준품 (-10~80℃)
Special (-30~100℃)
- Return : Nitrogen Gas
- Piston Rod : Hard Chrome(25_{μm} 이상)
- Body 및 Mount : 백색아연도금
- 사용처 : 스택커 크레인, 놀이기구, 자동차생산라인, 오버헤드크레인 등
- Options
 - Protective Bellows
 - Safety Cable
 - Urethane Cap
 - Mounting Plates
 - Foot Mounts
 - Sensor

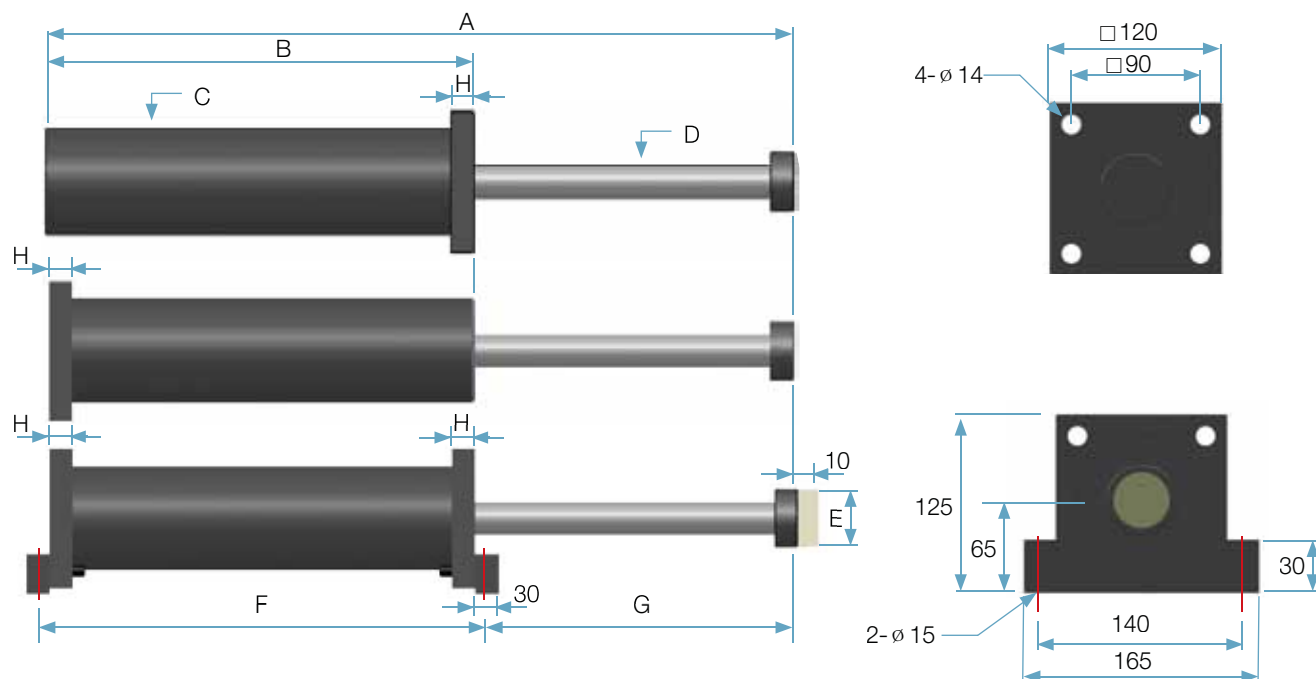


Special type : Sensor/Urethane Cap

KCSC Series Ordering Information

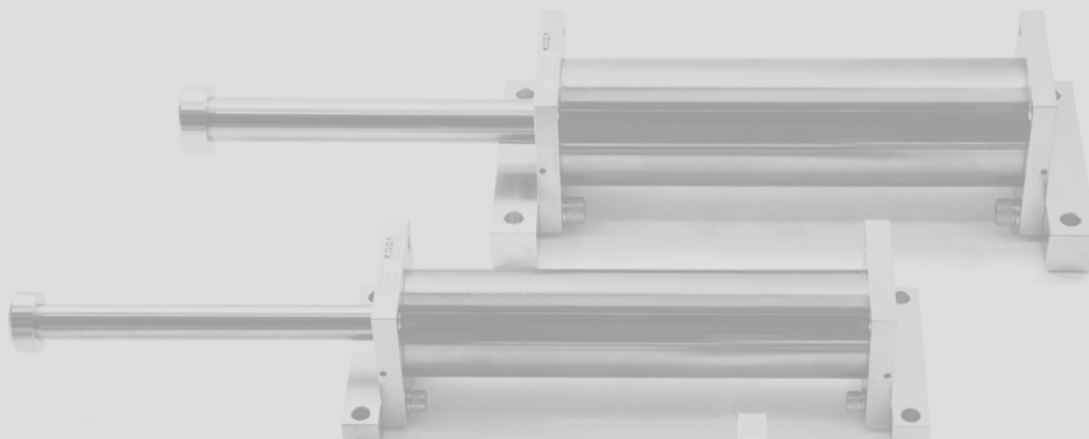


KCSC 90 Series

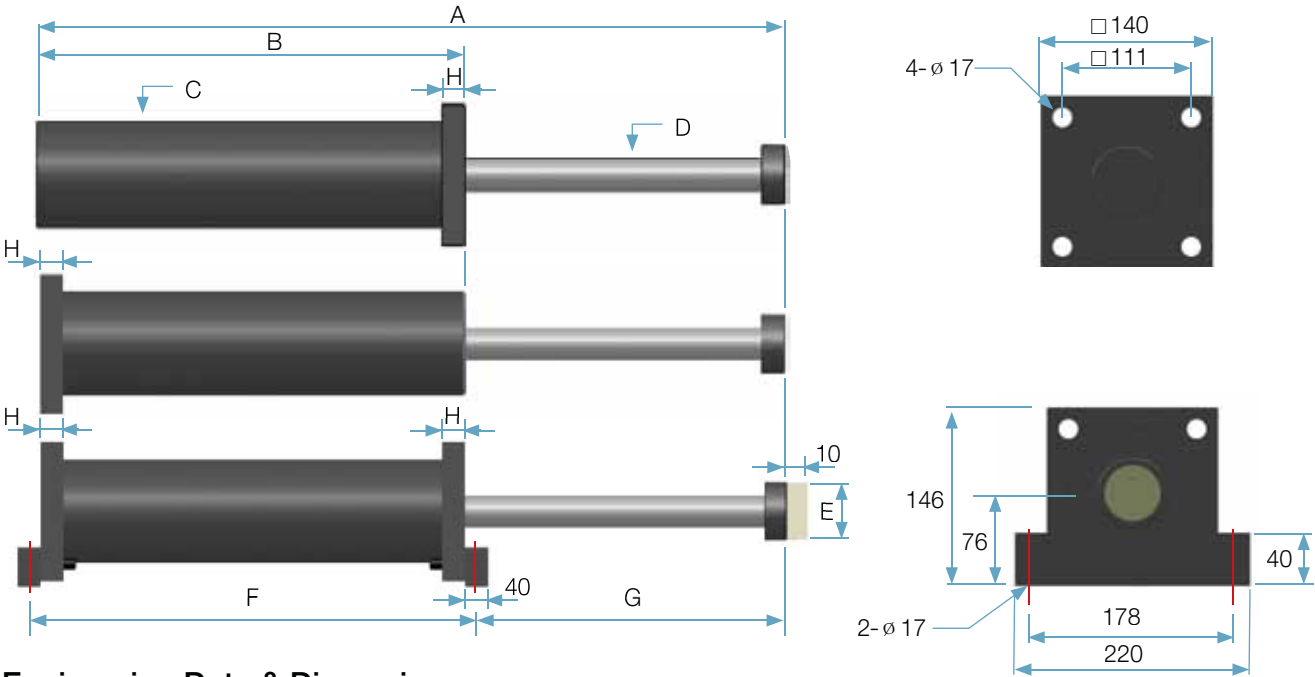


Engineering Data & Dimensions

Model	Stroke (mm) S	Max. Energy /Cycle (kJ) E _T	Max. Energy /Hour (kJ/hr) E _T C	Max. Shock Force (kN) F _S	Dimension (unit : mm)							
					A	B	C	D	E	F	G	H
KCSC90-50	50	4	193	75	310	208	90	30	50	240	86	20
-100	100	7	395	75	410	258	90	30	50	290	136	20
-150	150	10	588	75	510	308	90	30	50	340	186	20
-200	200	13	784	75	613	360	90	30	50	392	237	20
-250	250	16	839	75	715	411	90	30	50	443	288	20
-300	300	20	940	75	817	462	90	30	50	494	339	20
-350	350	23	1,265	75	918	512	90	30	50	544	390	20
-400	400	21	1,150	67	1,019	563	90	30	50	595	440	20
-450	450	20	1,090	55	1,121	614	90	30	50	646	491	20
-500	500	19	1,060	47	1,223	665	90	30	50	697	542	20
-600	600	15	880	31	1,427	767	90	30	50	799	644	20
-700	700	13	610	24	1,668	910	90	30	50	956	742	20
-800	800	12	539	19	1,888	1,030	90	30	50	1,076	842	20



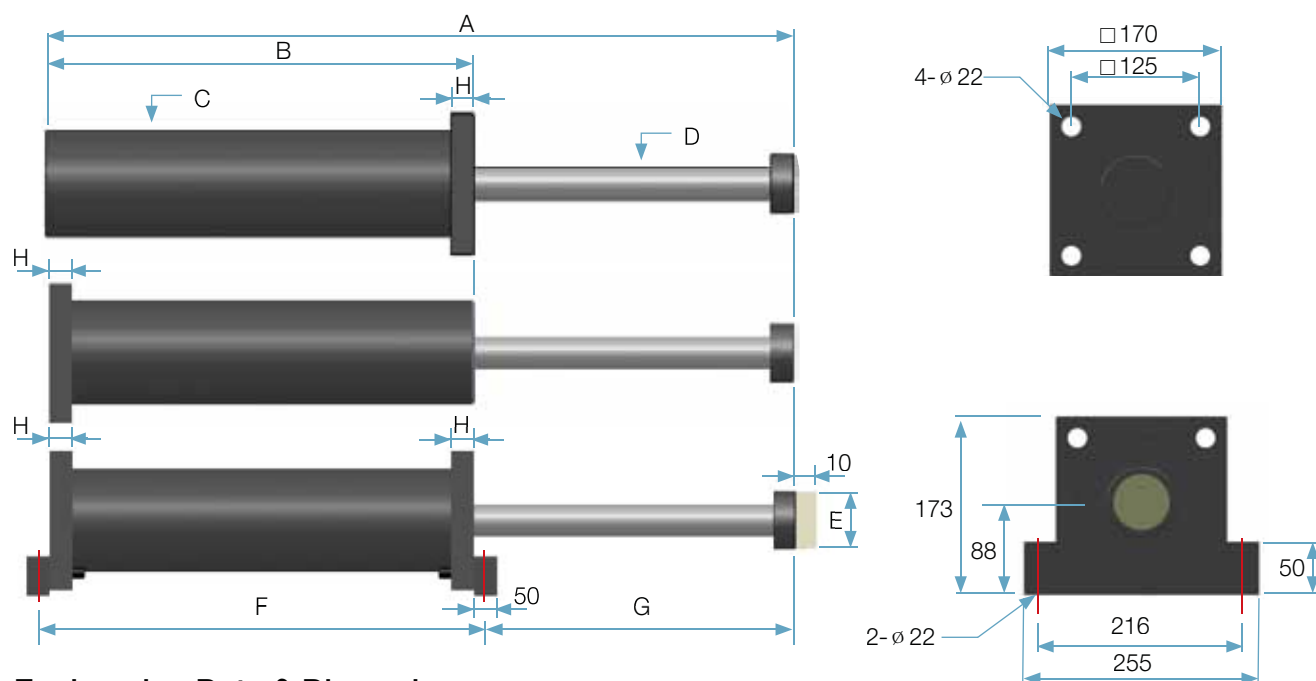
KCSC 110 Series



Engineering Data & Dimensions

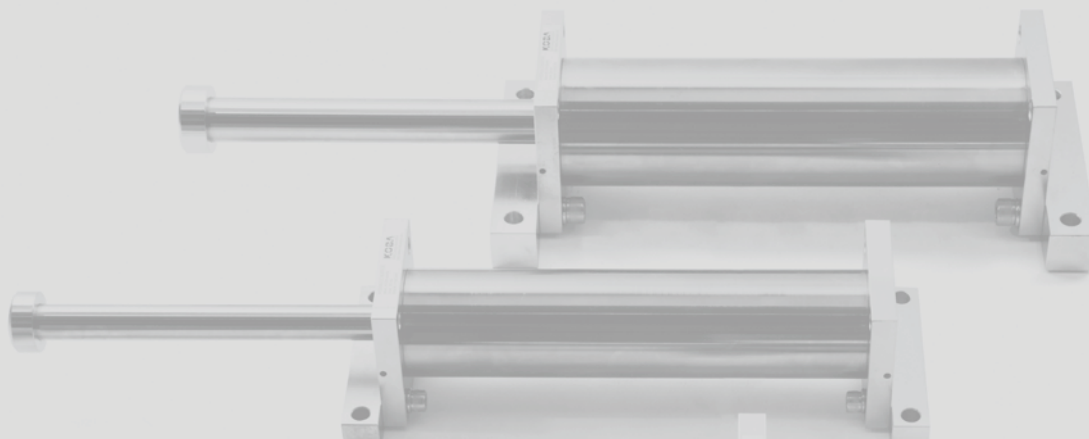
Model	Stroke (mm) S	Max. Energy /Cycle (kJ) E _T	Max. Energy /Hour (kJ/hr) E _T C	Max. Shock Force (kN) F _S	Dimension (unit : mm)							
					A	B	C	D	E	F	G	H
KCSC110-50	50	5	296	115	370	230	113	40	60	270	120	25
-100	100	10	568	115	470	280	113	40	60	340	170	25
-150	150	15	881	115	553	339	113	40	60	379	194	25
-200	200	20	934	115	655	390	113	40	60	430	245	25
-250	250	25	1,056	115	757	441	113	40	60	481	296	25
-300	300	29	1,186	115	859	492	113	40	60	532	347	25
-350	350	34	1,352	115	960	543	113	40	60	583	397	25
-400	400	39	1,517	115	1,062	594	113	40	60	634	448	25
-450	450	44	1,680	115	1,164	645	113	40	60	685	499	25
-500	500	49	1,845	115	1,256	695	113	40	60	735	550	25
-600	600	59	2,168	115	1,469	797	113	40	60	837	652	25
-700	700	69	2,485	115	1,672	899	113	40	60	939	753	25
-800	800	79	2,806	115	1,953	1,079	113	40	60	1,119	854	25
-900	900	88	3,130	115	2,151	1,179	113	40	60	1,219	952	25
-1000	1,000	73	3,483	92	2,351	1,279	113	40	60	1,319	1,052	25
-1200	1,200	60	2,758	63	2,751	1,479	113	40	60	1,519	1,252	25
-1400	1,400	41	1,917	37	3,171	1,689	113	40	60	1,729	1,462	25

KCSC 130 Series

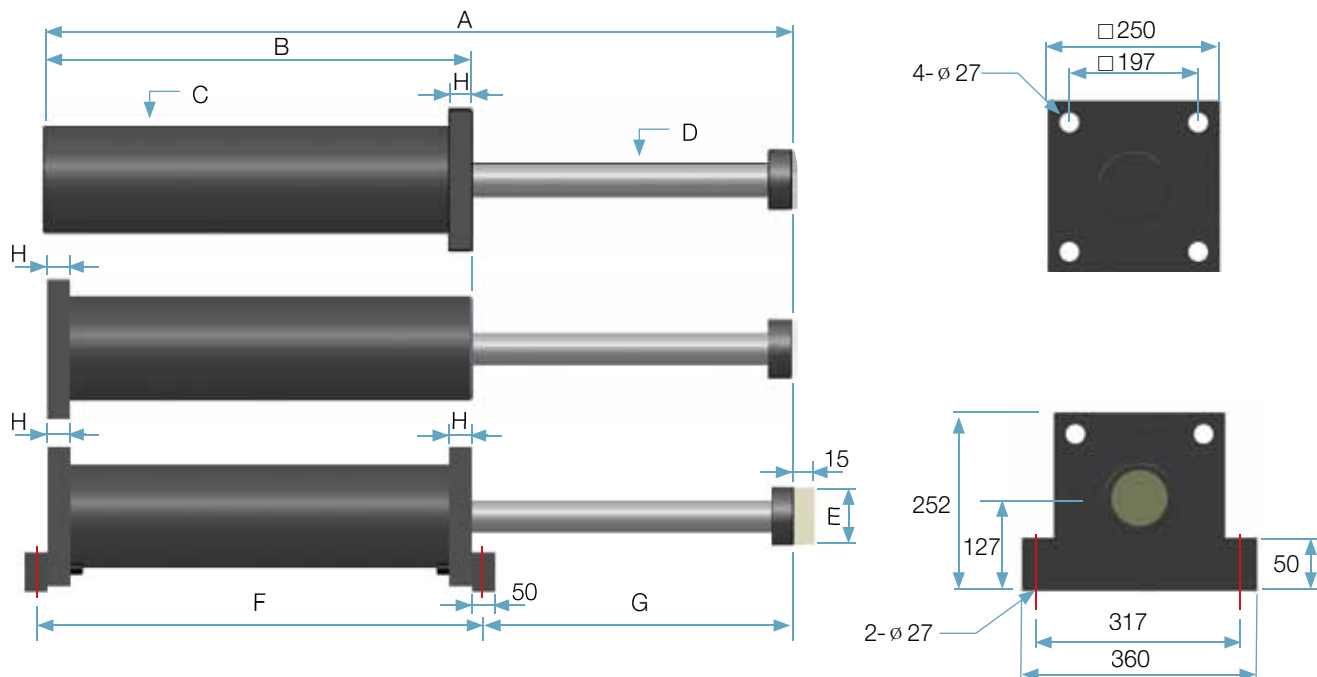


Engineering Data & Dimensions

Model	Stroke (mm) S	Max. Energy /Cycle (kJ) E _T	Max. Energy /Hour (kJ/hr) E _T ·C	Max. Shock Force (kN) F _S	Dimension (unit : mm)							
					A	B	C	D	E	F	G	H
KCSC130-50	50	10	590	245	336	203	138	45	70	253	108	25
-75	75	15	659	245	387	229	138	45	70	279	133	25
-125	125	25	815	245	489	280	138	45	70	330	184	25
-200	200	39	1,110	245	640	355	138	45	70	405	260	25
-250	250	49	1,314	245	742	406	138	45	70	456	311	25
-300	300	58	1,512	245	844	457	138	45	70	507	362	25
-350	350	68	1,736	245	995	558	138	45	70	608	412	25
-400	400	78	1,934	245	1,097	609	138	45	70	659	463	25
-450	450	88	2,133	245	1,199	660	138	45	70	710	514	25
-500	500	97	2,329	245	1,301	711	138	45	70	761	565	25
-600	600	116	2,714	245	1,504	812	138	45	70	862	667	25
-700	700	136	3,102	245	1,707	914	138	45	70	964	768	25
-800	800	155	3,486	215	1,910	1,015	138	45	70	1,065	870	25
-900	900	167	3,785	181	2,156	1,164	138	45	70	1,214	967	25
-1000	1,000	117	3,824	147	2,356	1,264	138	45	70	1,314	1,067	25
-1200	1,200	103	4,722	107	2,756	1,464	138	45	70	1,514	1,267	25
-1400	1,400	73	2,851	66	3,156	1,664	138	45	70	1,714	1,467	25
-1500	1,500	66	2,438	55	3,384	1,778	138	45	70	1,828	1,581	25



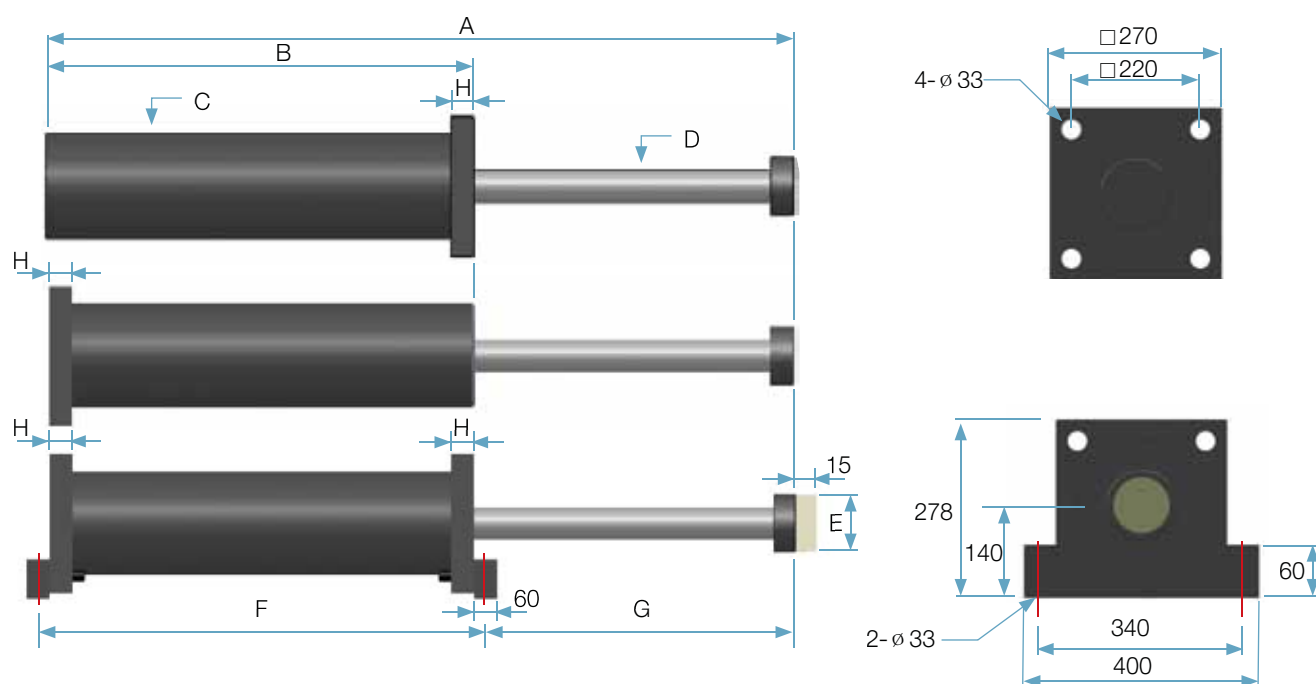
KCSC 200 Series



Engineering Data & Dimensions

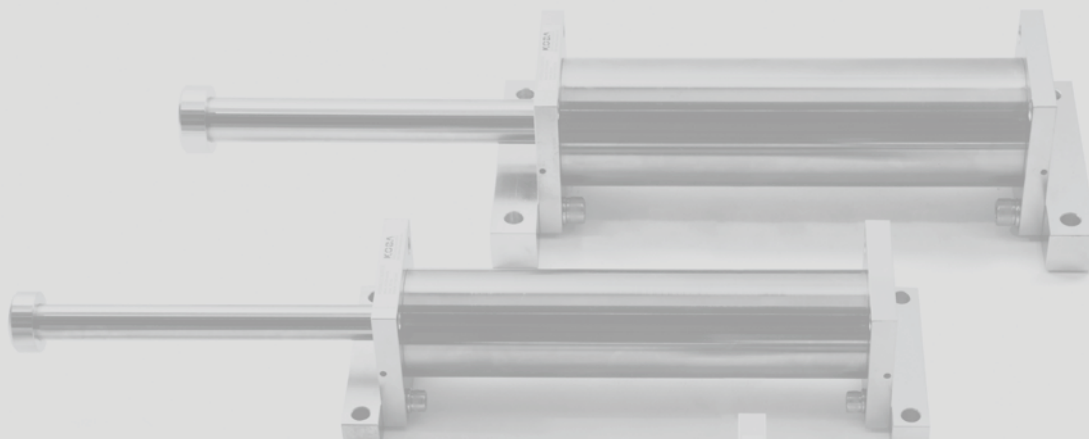
Model	Stroke (mm) S	Max. Energy /Cycle (kJ) E _r	Max. Energy /Hour (kJ/hr) E _r C	Max. Shock Force (kN) F _s	Dimension (unit : mm)							
					A	B	C	D	E	F	G	H
KCSC200-50	50	16	943	370	430	294	200	65	100	344	111	40
-100	100	31	1,534	370	532	345	200	65	100	395	162	40
-150	150	47	1,756	370	632	395	200	65	100	445	212	40
-200	200	63	1,988	370	735	447	200	65	100	497	263	40
-250	250	79	2,210	370	836	497	200	65	100	547	314	40
-300	300	93	2,855	370	1,032	642	200	65	100	692	365	40
-400	400	126	3,304	370	1,234	743	200	65	100	793	466	40
-500	500	157	3,758	370	1,438	845	200	65	100	895	568	40
-600	600	188	4,211	370	1,642	947	200	65	100	997	670	40
-700	700	220	4,661	370	1,844	1,048	200	65	100	1,098	771	40
-800	800	251	5,114	370	2,048	1,150	200	65	100	1,200	873	40
-900	900	283	5,568	370	2,252	1,252	200	65	100	1,302	975	40
-1000	1,000	240	6,117	300	2,454	1,353	200	65	100	1,403	1,076	40
-1200	1,200	210	4,920	200	2,854	1,553	200	65	100	1,603	1,276	40

KCSC 215 Series

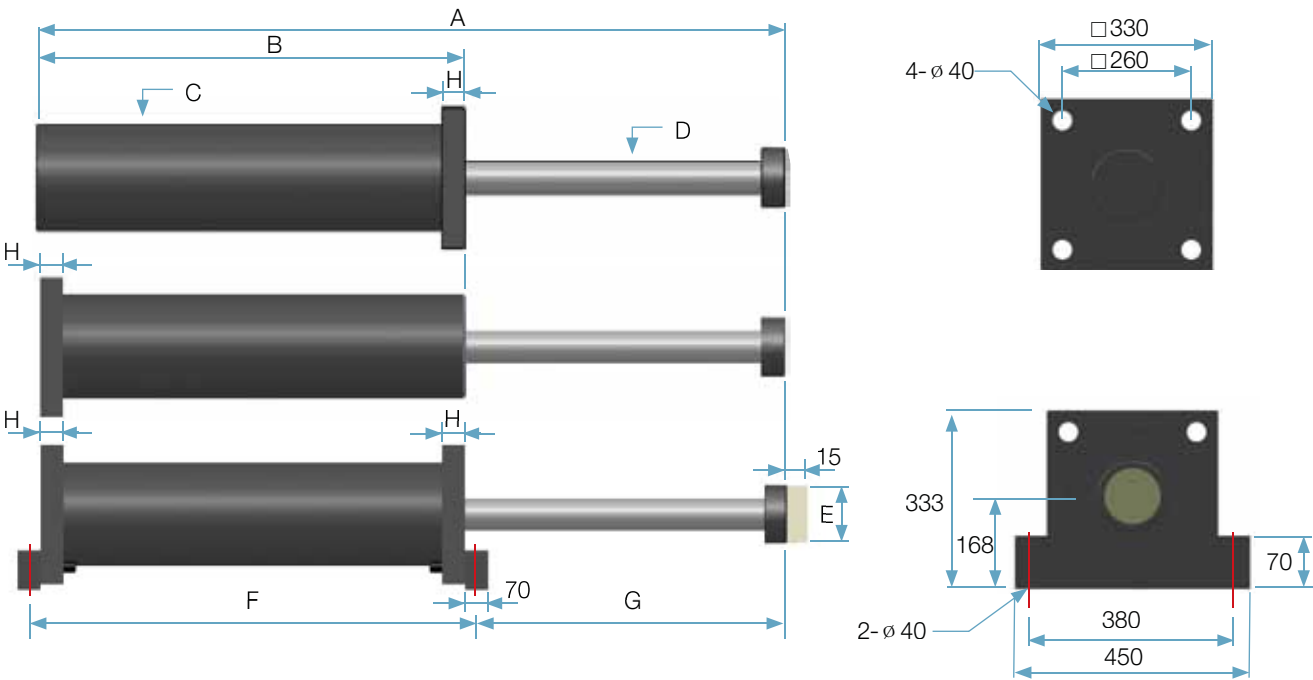


Engineering Data & Dimensions

Model	Stroke (mm) S	Max. Energy /Cycle (kJ) E _T	Max. Energy /Hour (kJ/hr) E _T C	Max. Shock Force (kN) F _s	Dimension (unit : mm)							
					A	B	C	D	E	F	G	H
KCSC215-100	100	48	1,804	560	591	375	215	80	125	435	186	40
-150	150	72	2,051	560	693	426	215	80	125	486	237	40
-200	200	96	2,290	560	795	477	215	80	125	537	288	40
-250	250	120	2,530	560	895	527	215	80	125	587	338	40
-300	300	143	2,775	560	997	578	215	80	125	638	389	40
-400	400	191	3,265	560	1,201	680	215	80	125	740	491	40
-500	500	239	4,234	560	1,504	882	215	80	125	942	592	40
-600	600	287	4,741	560	1,708	984	215	80	125	1,044	694	40
-700	700	334	5,209	560	1,910	1,085	215	80	125	1,145	795	40
-800	800	382	5,699	560	2,114	1,187	215	80	125	1,247	897	40
-1000	1,000	478	6,687	560	2,520	1,390	215	80	125	1,450	1,100	40
-1200	1,200	417	6,255	435	2,920	1,590	215	80	125	1,650	1,300	40



KCSC 275 Series



Engineering Data & Dimensions

Model	Stroke (mm) S	Max. Energy /Cycle (kJ) E _T	Max. Energy /Hour (kJ/hr) E _T C	Max. Shock Force (kN) F _S	Dimension (unit : mm)							
					A	B	C	D	E	F	G	H
KCSC275-100	100	78	2,445	915	637	391	275	100	160	461	211	50
-150	150	117	2,766	915	737	441	275	100	160	511	261	50
-200	200	156	3,053	915	839	492	275	100	160	562	312	50
-250	250	194	3,373	915	941	543	275	100	160	613	363	50
-300	300	233	3,767	915	1,043	594	275	100	160	664	414	50
-400	400	311	4,303	915	1,246	696	275	100	160	766	515	50
-500	500	389	4,934	915	1,450	798	275	100	160	868	617	50
-600	600	467	6,186	915	1,769	1,015	275	100	160	1,085	719	50
-750	750	583	7,117	915	2,073	1,167	275	100	160	1,237	871	50
-900	900	700	8,048	915	2,379	1,320	275	100	160	1,390	1,024	50
-1050	1,050	816	8,970	915	2,683	1,472	275	100	160	1,542	1,176	50
-1200	1,200	790	8,061	827	2,989	1,625	275	100	160	1,695	1,329	50