

Carbon Fiber Reinforced Hollow Piston (CFRP) Cylinders

Successfully on the job site for over 15 years

Carbon Fiber Reinforced Hollow-Piston (CFRP) Cylinders are light-weight and offer an optimum alternative to conventional hollow-piston cylinders made of aluminum and steel with weight savings of over 60%.

Portable Hollow-Piston CFRP Cylinders guarantee an easy, quick and efficient positioning and handling. In most cases, lifting tools are unnecessary for transportation and assembly

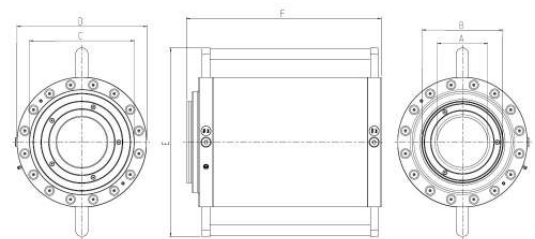
The CFRP Cylinders are universally applicable by a large range of accessories.

The hydraulic return allows for a quick retraction of the cylinder.



Now available as the new economical Rounddesign

150bar in the return allows for even quicker retraction of the cylinder.



Tonnage	Passage	Stroke	Mass	Piston Area	Compressive Force	A	B	C	D	E	F	Type
[t]	[mm]	[mm]	[kg]	[cm ²]	[kN]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	
100	83	150	24	142,9	1000	83	124	165	208	357	370	L-HK-DZ-100-150-83-HPR
100*	83	200	27	142,9	1000	83	124	165	208	357	420	L-HK-DZ-100-200-83-HPR
100	83	300	32	142,9	1000	83	124	165	208	357	520	L-HK-DZ-100-300-83-HPR
125*	90	180	29	179,6	1257	90	144	190	237	386	400	L-HK-DZ-125-180-090-HPR
125	90	250	33,5	179,6	1257	90	144	190	237	386	470	L-HK-DZ-125-250-090-HPR
140*	105	250	42	201	1407	105	149	200	251	401	474	L-HK-DZ-140-250-105-HPR
180*	110	250	52	264,8	1854	110	168	225	280	430	493	L-HK-DZ-180-250-110-HPR
180	110	300	53,5	264,8	1854	110	168	225	276	430	530	L-HK-DZ-180-300-110-HPR
270	130	150	68	395,8	2771	130	208	270	335	485	403	L-HK-DZ-270-150-130-HPR
270*	130	250	81,5	395,8	2771	130	208	270	335	485	503	L-HK-DZ-270-250-130-HPR
270	130	300	88,5	395,8	2771	130	208	270	335	485	553	L-HK-DZ-270-300-130-HPR
370	145	250	108,5	527,7	3694	145	238	310	385	535	503	L-HK-DZ-370-250-145-HPR
430	110	150	88,5	600,8	4206	110	238	310	385	535	403	L-HK-DZ-430-150-110-HPR
495	140	150	111,5	694,1	4859	140	258	340	425	576	403	L-HK-DZ-495-150-140-HPR
500	200	350	199,5	718,6	5030	200	303	380	489	640	621	L-HK-DZ-500-350-200-HPR

*Standard cylinder Many other sizes available on request.