

**SINGLE ACTING HIGH TONNAGE CYLINDERS,  
LOAD RETURN**



**LARZEP advantages**

- Capacity from 140 to 1.100 Tn, stroke up to 300 mm.
- Load return. For weighing, lifting and positioning applications in Civil Engineering.
- Hydraulic end of stroke overflow port. For mechanical stop ring see SPR models.
- For confined spaces and loads up to 150 Tn, see SX and SP models.

Larzep designs and manufactures special cylinders up to 1.100 Tn capacity to place load cells for pile testing applications.



Low Height Single Acting Cylinders, SP.

Page. 20





S/A LOAD RETURN



# SSR

140-1.100 Tn.

700 bar

CYLINDERS



Low Height Single Acting  
Cylinders, High Tonnage,  
SPR.

Page. 24



Double Acting Cylinders,  
DDR.

Page. 68



Low Height Single Acting  
Cylinders, Load or Spring  
Return, SX - SMX.

Page. 30

Carefully read and understand the safety instructions.



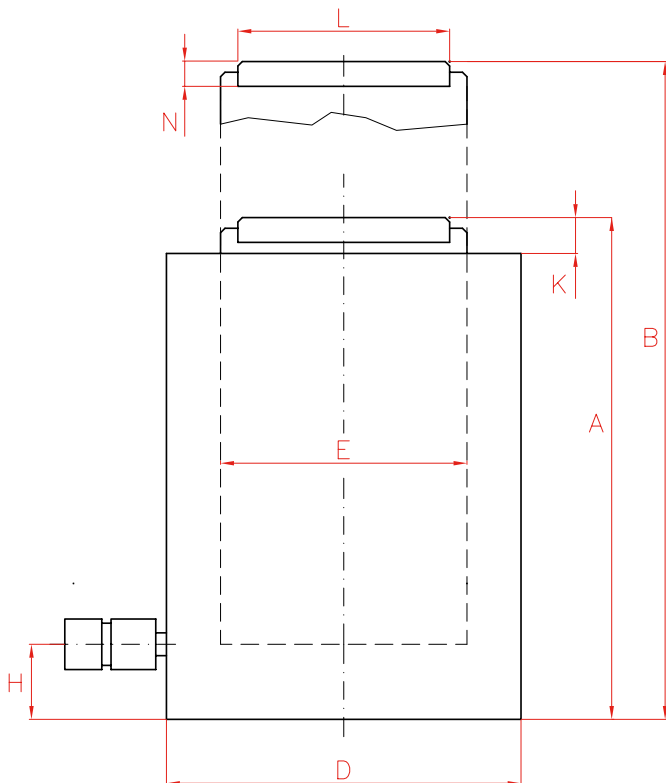
Optional Tilting Saddle.

Page. 112



Powerpacks.

Page. 88



Capacity		Stroke	Model	Oil Cap.	A
Tn	kN	mm	LARZEP	cm <sup>3</sup>	mm
140	1.380	50	SSR14005	1.005	155
		100	SSR14010	2.011	205
		150	SSR14015	3.016	255
		200	SSR14020	4.021	305
		250	SSR14025	5.027	355
		300	SSR14030	6.032	405
220	2.156	50	SSR22005	1.571	170
		100	SSR22010	3.142	220
		150	SSR22015	4.712	270
		200	SSR22020	6.283	320
		250	SSR22025	7.854	370
		300	SSR22030	9.425	420
350	3.369	50	SSR35005	2.454	210
		100	SSR35010	4.909	260
		150	SSR35015	7.363	310
		200	SSR35020	9.817	360
		250	SSR35025	12.272	410
		300	SSR35030	14.726	460
430	4.224	50	SSR43005	3.079	215
		100	SSR43010	6.158	265
		150	SSR43015	9.236	315
		200	SSR43020	12.315	365
		250	SSR43025	15.394	415
		300	SSR43030	18.473	465
560	5.520	50	SSR56005	4.021	240
		100	SSR56010	8.042	290
		150	SSR56015	12.064	340
		200	SSR56020	16.085	390
		250	SSR56025	20.106	440
		300	SSR56030	24.127	490
670	6.600	50	SSR67005	4.811	260
		100	SSR67010	9.621	315
		150	SSR67015	14.432	365
		200	SSR67020	19.242	415
		250	SSR67025	24.053	465
		300	SSR67030	28.863	515
880	8.625	50	SSR88005	6.283	290
		100	SSR88010	12.566	340
		150	SSR88015	18.850	390
		200	SSR88020	25.133	440
		250	SSR88025	31.416	490
		300	SSR88030	37.699	540
1.100	10.916	50	SSR110005	7.952	340
		100	SSR110010	15.904	390
		150	SSR110015	23.856	440
		200	SSR110020	31.809	490
		250	SSR110025	39.761	540
		300	SSR110030	47.713	590

# Performance under Pressure

	B	D	E	H	K	L	N	Area	Weight	Model	With tilting saddle	
	mm	mm	mm	mm	mm	mm	mm	cm <sup>2</sup>	kg	LARZEP	A	Model
	205	200	160	35	6	88	15	201	38	SSR14005	187	AZ0404
	305	200	160	35	6	88	15	201	51	SSR14010	237	AZ0404
	405	200	160	35	6	88	15	201	63	SSR14015	287	AZ0404
	505	200	160	35	6	88	15	201	75	SSR14020	337	AZ0404
	605	200	160	35	6	88	15	201	88	SSR14025	387	AZ0404
	705	200	160	35	6	88	15	201	100	SSR14030	437	AZ0404
	220	250	200	40	7	111	15	314	64	SSR22005	207	AZ0405
	320	250	200	40	7	111	15	314	85	SSR22010	257	AZ0405
	420	250	200	40	7	111	15	314	104	SSR22015	307	AZ0405
	520	250	200	40	7	111	15	314	123	SSR22020	357	AZ0405
	620	250	200	40	7	111	15	314	143	SSR22025	407	AZ0405
	720	250	200	40	7	111	15	314	162	SSR22030	457	AZ0406
	260	310	250	50	7	178	23	491	123	SSR35005	254	AZ0408
	360	310	250	50	7	178	23	491	154	SSR35010	304	AZ0408
	460	310	250	50	7	178	23	491	184	SSR35015	354	AZ0408
	560	310	250	50	7	178	23	491	213	SSR35020	404	AZ0408
	660	310	250	50	7	178	23	491	243	SSR35025	454	AZ0408
	760	310	250	50	7	178	23	491	273	SSR35030	504	AZ0408
	265	340	280	55	7	178	23	616	151	SSR43005	259	AZ0408
	365	340	280	55	7	178	23	616	189	SSR43010	309	AZ0408
	465	340	280	55	7	178	23	616	225	SSR43015	359	AZ0408
	565	340	280	55	7	178	23	616	260	SSR43020	409	AZ0408
	665	340	280	55	7	178	23	616	296	SSR43025	459	AZ0408
	765	340	280	55	7	178	23	616	331	SSR43030	509	AZ0408
	290	390	320	60	7	200	27	804	223	SSR56005	292	AZ0411
	390	390	320	60	7	200	27	804	272	SSR56010	342	AZ0411
	490	390	320	60	7	200	27	804	319	SSR56015	392	AZ0411
	590	390	320	60	7	200	27	804	366	SSR56020	442	AZ0411
	690	390	320	60	7	200	27	804	413	SSR56025	492	AZ0411
	790	390	320	60	7	200	27	804	459	SSR56030	542	AZ0411
	310	430	350	65	7	200	27	962	294	SSR67005	312	AZ0411
	415	430	350	65	7	200	27	962	353	SSR67010	367	AZ0411
	515	430	350	65	7	200	27	962	416	SSR67015	417	AZ0411
	615	430	350	65	7	200	27	962	473	SSR67020	467	AZ0411
	715	430	350	65	7	200	27	962	530	SSR67025	517	AZ0411
	815	430	350	65	7	200	27	962	587	SSR67030	567	AZ0411
	340	490	400	70	10	250	35	1.257	423	SSR88005	360	AZ0413
	440	490	400	70	10	250	35	1.257	503	SSR88010	410	AZ0413
	540	490	400	70	10	250	35	1.257	577	SSR88015	460	AZ0413
	640	490	400	70	10	250	35	1.257	651	SSR88020	510	AZ0413
	740	490	400	70	10	250	35	1.257	725	SSR88025	560	AZ0413
	840	490	400	70	10	250	35	1.257	799	SSR88030	610	AZ0413
	390	550	450	80	10	325	55	1.590	622	SSR110005	460	AZ0415
	490	550	450	80	10	325	55	1.590	716	SSR110010	510	AZ0415
	590	550	450	80	10	325	55	1.590	810	SSR110015	560	AZ0415
	690	550	450	80	10	325	55	1.590	903	SSR110020	610	AZ0415
	790	550	450	80	10	325	55	1.590	996	SSR110025	660	AZ0415
	890	550	450	80	10	325	55	1.590	1.090	SSR110030	710	AZ0415