

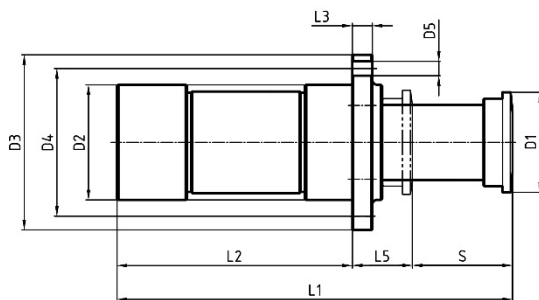
# Hydraulic buffer KP 160

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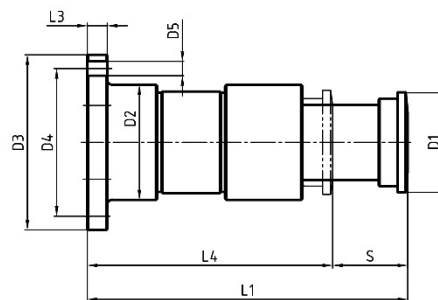
dimensions and technical data

## PERFORMANCE DATA

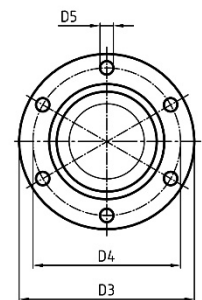
piston Ø [mm]	stroke s [mm]	max. absorbing capacity/ stroke) <sup>1</sup> [kJ/stroke]	max. absorbing capacity/ hour) <sup>2</sup> [kJ/h]	max. buffer- force [kN]	static restoring force		max. angle divergence α) <sup>3</sup>		weight ca. [kg]
					start of stroke[kN]	end of stroke[kN]	FF [°]	EF [°]	
160	300	218	5800	800	9,5	85	2,4	4,0	175
	400	290	7000	800		85	2,2	3,5	206
	500	363	8300	800		85	1,8	3,2	237
	600	436	9500	800		85	1,3	3,0	268
	700	509	10500	800		85	-	2,8	299
	800	581	11500	800		85	-	2,6	330
	900	638	12000	780		90	-	2,4	361
	1000	690	13500	760		90	-	2,2	391
	1100	740	14200	740		120	-	2,0	407
	1200	785	15000	720		160	-	1,8	427
	1300	827	15300	700		160	-	1,6	454
	1400	865	15700	680		160	-	1,4	481
	1500	900	16000	660		160	-	1,2	511
	1600	930	17000	640		160	-	1,0	539

<sup>1</sup> data referred to characteristic line 1 <sup>2</sup> for 30°C ambient temperature <sup>3</sup> for maximal buffer force


design EF



design FF



## DIMENSIONS

piston Ø	stroke s	D1	D2	D3	D4	D5	L1	L2	L3	L4	L5
160	300	200	230	350	295	27	1080	660	40	780	120
	400						1370	850		970	
	500						1660	1040		1160	
	600						1950	1230		1350	
	700						2240	1420		-	
	800						2530	1610		-	
	900						2820	1800		-	
	1000						3100	1980		-	
	1100						3300	2080		-	
	1200						3500	2180		-	
	1300						3780	2360		-	
	1400						4050	2530		-	
	1500						4330	2710		-	
	1600						4600	2880		-	

dimensions in mm