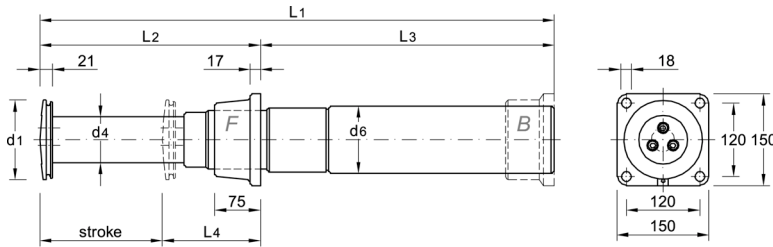


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**Design:**

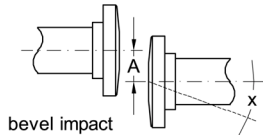
110 M screwable buffer head  
110 H high temperature seal

**Hole design:**

S in bracket 120 x120 mm  
TV+D look at sheet 9

**Mounting bracket:**

F front bracket  
B back bracket  
(only 200, 300 + 400 mm stroke)



Inclined impact x and A.  
Look at index

**Identification:** for instance

Type - Design M Mounting bracket FS Buffer Head 130 Metering pin / tube 0404

Stroke max.	at max. energy absorption W Ekin in kJ	Endforce kN	Dimensions in mm									max. allowed inclined impact		
			L <sub>1</sub>	L <sub>2</sub>	L <sub>3</sub>	L <sub>4</sub>	L <sub>5</sub>	L <sub>6</sub>	d <sub>1</sub>	d <sub>4</sub>	d <sub>6</sub>	A	x-F	x-B
200	60	= 350	839	360	479	160			130	75	110	30	2,5°	1,5°
300	89	= 350	1155	578	577	278			130	75	110	30	2,5°	1,5°
400	119	= 350	1469	678	791	278			130	75	110	30	2,5°	1,5°
500	128	= 300	1720	778	942	278			130	75	110	30	2,0°	-
600	153	= 300	1975	878	1097	278			130	75	110	30	2,0°	-
700	149	= 250	2270	987	1292	278			130	75	110	30	2,0°	-
800	170	= 250	2564	1078	1486	278			130	75	110	30	2,0°	-
1000	191	= 225	3064	1278	1786	278			130	75	110	30	1,5°	-
1200	204	= 200	3635	1478	2157	278			130	75	110	30	1,5°	-

Stroke mm	W <sub>e</sub> acc. Buffer application table impact weight We in t - metering tube number										nitrogen pressure [bar]
	up to 5 t	up to 10t	up to 20t	up to 40t	up to 80t	up to 150t	up to 300t	up to 600t	up to 1000t	up to 2000t	
200	0202	0204	0205	0207	0208	0210	0212	0215	0219	0222	5
300		0304	0305	0307	0308	0310	0312	0315	0319	0322	5
400		0404	0405	0407	0408	0410	0412	0415	0419	0422	5
500		0504	0505	0507	0508	0510	0512	0515	0519	0522	8
600			0605	0607	0608	0610	0612	0615	0619	0622	8
700			0705	0707	0708	0710	0712	0715	0719	0722	8
800			0805	0807	0808	0810	0812	0815	0819	0822	8
1000			1005	1007	1008	1010	1012	1015	1019	1022	10
1200			1205	1207	1208	1210	1212	1215	1219	1222	10

Stroke mm	Weight [kg]		
	MFS	MBS	MCP
200	31,9	34,3	28,7
300	40,4	43,1	37,2
400	49,4	53,8	46,2
500	55,5	-	52,3
600	62,8	-	59,6
700	69,9	-	66,7
800	79,6	-	76,4
1000	92,7	-	89,5
1200	108,6	-	105,4

