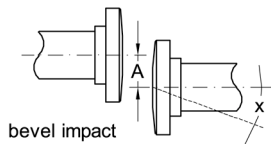
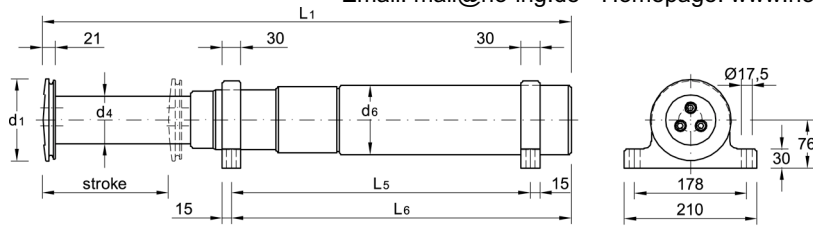


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Inclined impact x and A.  
Look at index

**Design:**

- 110 M screwable buffer head
- 110 H high temperature seal

**Hole design:**

- S F +B bracket
- v hole distance + Ø look at index and drawing.

**Mounting bracket:**

- D back bracket front support
- TV 2 x foot mounting
- F+B Look at sheet 8

**Identification:** for instance

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

Stroke max.	at max. energy absorption W		Endforce kN	Dimensions in mm									max. allowed inclined impact		
	$E_{kin}$ in kJ			$L_1$	$L_2$	$L_3$	$L_4$	$L_5$	$L_6$	$d_1$	$d_4$	$d_6$	A	x-F	x-B
200	60	=	350	839				474	539	130	75	110	30	2,5°	1,5°
300	89	=	350	1155				572	637	130	75	110	30	2,5°	1,5°
400	119	=	350	1469				786	851	130	75	110	30	2,5°	1,5°
500	128	=	300	1720				938	1002	130	75	110	30	2,0°	-
600	153	=	300	1975				1092	1157	130	75	110	30	2,0°	-
700	149	=	250	2270				1288	1352	130	75	110	30	2,0°	-
800	170	=	250	2564				1482	1547	130	75	110	30	2,0°	-
1000	191	=	225	3064				1781	1846	130	75	110	30	1,5°	-
1200	204	=	200	3635				2152	2217	130	75	110	30	1,5°	-

Stroke mm	$W_e$ acc. Buffer application table impact weight $W_e$ 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 2500t	
200	0202	0204	0205	0207	0208	0210	0212	0215	0219	0222	5
300		0304	0305	0307	0308	0310	0312	0315	0316	0322	5
400		0404	0405	0407	0408	0410	0412	0415	0419	0422	5
500		0504	0505	0507	0508	0510	0512	0514	0519	0522	5
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]		
	MDS	MTV	MCP
200	34,7	33,2	28,7
300	43,2	41,7	37,2
400	52,2	50,7	46,2
500	58,3	56,8	52,3
600	65,6	64,1	59,6
700	72,7	71,2	66,7
800	82,4	80,9	76,4
1000	95,5	94,0	89,5
1200	111,4	109,9	105,4

