

PLS EX

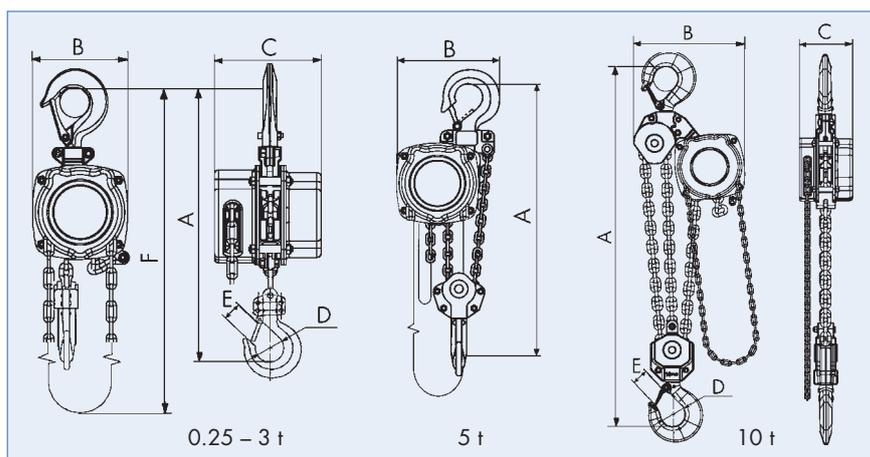
## PLS PREMIUM with EX-protection

The PLS PREMIUM-EX gets a very special surface treatment and has some changes in design that allows you to use the manual chain hoist in explosion hazardous areas. It accords to EC-guide lines 94/9/EG (ATEX-standards).

**Three explosion classes are specified. We offer the versions Basic, Medium and High. Please ask us for more detailed informations in case of doubts.**

### All around galvanization and chromatisation

Mud and dirt cannot harm this hoist! This protection begins with self-locking galvanized castle nuts, goes over bronze wheels and rustfree chains and ends with fully chromated housing parts. Overload protection in 0.5 t capacity hoist and bigger, supplied with ATEX-Certificate!



1 m more operation length	Capacity	Order No.
Hand chain Basic/Medium	0.5 - 10 t	<b>G50032</b>
Hand chain High	0.5 - 10 t	<b>G50033</b>

TYPE	PREMIUM PRO-EX...	PLS PREMIUM with EX-protection - Versions Basic/Medium/High							
Capacity <b>Basic/Medium</b>	t	0,25	0,5	1	1,5	2	3	5	10
Capacity <b>High</b>	t	0,25	0,5	1	1,25	1,25	2	3,2	6,4
Hand chain force	daN	22	24	30,5	36	36	37	39	39,5
Hand chain operation length	m	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
Number of chain falls		1	1	1	1	1	1	2	3
Chain size	mm	4 x 12	5 x 15	6 x 18	8 x 24	8 x 24	10 x 30	10 x 30	10 x 30 **
Min. Headroom (A)	mm	259	309	373	460	460	553	630	900
B (Dimensions)	mm	95	114	152	190	190	240	240	391
C	mm	99.4	110	139	150	150	158	158	166
D	mm	30	33	40	52	52	62	72	85
E	mm	22	22	28	33	33	37	44	60
F	m	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
Weight with standard lift	kg	4.2	5,7	10.8	16.8	16.8	26.2	40	62
Weight per m additional lift	kg	0.35	0.55	0.78	1.4	1.4	2.2	4.4	8.8
<b>Version Basic:</b> PLS-EX with 3 m lift	<b>Order No.</b>	<b>G10360</b>	<b>G10361</b>	<b>G10362</b>	<b>G10363</b>	<b>G10364</b>	<b>G10365</b>	<b>G10366</b>	<b>G10367</b>
<b>Version Medium:</b> PLS-EX with 3 m lift	<b>Order No.</b>	<b>G10368</b>	<b>G10369</b>	<b>G10370</b>	<b>G10371</b>	<b>G10372</b>	<b>G10373</b>	<b>G10374</b>	<b>G10375</b>
Add. lifting height per m Basic / Medium	<b>Order No.</b>	<b>G10048</b>	<b>G10049</b>	<b>G10050</b>	<b>G10051</b>	<b>G10052</b>	<b>G10053</b>	<b>G10054</b>	<b>G10055</b>
<b>Version High:</b> PLS-EX with 3 m lift	<b>Order No.</b>	<b>G10376</b>	<b>G10377</b>	<b>G10378</b>	<b>G10379</b>	<b>G10380</b>	<b>G10381</b>	<b>G10382</b>	<b>G10383</b>
Add. lifting height per m High	<b>Order No.</b>	<b>G50024</b>	<b>G50025</b>	<b>G50026</b>	<b>G50027</b>	<b>G50028</b>	<b>G50029</b>	<b>G50030</b>	<b>G50031</b>
Chain bag up to 3 m lift*	<b>Order No.</b>	<b>H10164</b>	<b>H10164</b>	<b>H10165</b>	<b>H10165</b>	<b>H10166</b>	<b>H10166</b>	-	-

\* Chain bag (plastic) up to 3 m lift. Chain bag up 6 t (steel plate) on request.

\*\* Grade 100 by versions Basic and Medium