



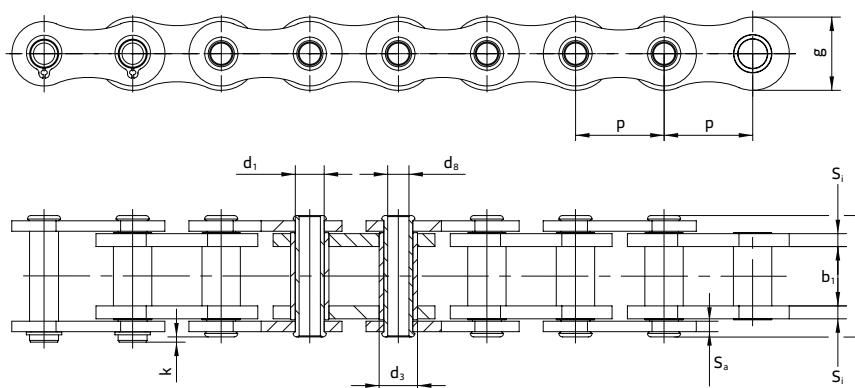
Hollow pin (HP) chains

The KettenWulf HP “hollow pin” chains have the same basic dimensions as the standard roller chains and operate on standard sprockets.

HP chains – design version A

With simple pitch for standard sprockets

Drawings / product data



KettenWulf bush chains with hollow pins – design version A

KW HP

Designation	Pitch [mm]	Min. inner width [mm]	Max. bush Ø [mm]	Max. pin Ø [mm]	Min. hollow pin internal Ø [mm]	Max. pin length [mm]	Max. overhang connecting pin [mm]	Inner plate thickness [mm]	Outer plate thickness [mm]	Plate height [mm]	Min. breaking load [N]	Weight [kg/m]	Designs
Chain type	p	b ₁	d ₃	d ₁	d ₅	l	k	S ₁	S ₂	g	F _B	≈q	
KW 08BHP	12.700	7.75	8.50	6.37	4.50	16.70	1.30	1.60	1.60	11.80	8900	0.60	A
KW 08BHB	12.700	7.75	8.51	6.30	4.20	16.80	1.20	1.60	1.60	12.00	12000	0.62	A
KW 40HP	12.700	7.85	7.95	5.63	4.10	16.50	1.00	1.50	1.50	12.00	12700	0.60	A
KW 50HP	15.875	9.40	10.16	7.03	5.13	20.70	1.20	2.00	2.00	15.09	20000	0.90	A
KW 60HP	19.050	12.70	11.91	8.31	6.10	25.80	0.60	2.40	2.40	18.00	26500	1.40	A
KW 80HP	25.400	15.75	15.88	11.30	8.10	32.40	1.40	3.20	3.20	24.00	51000	2.30	A

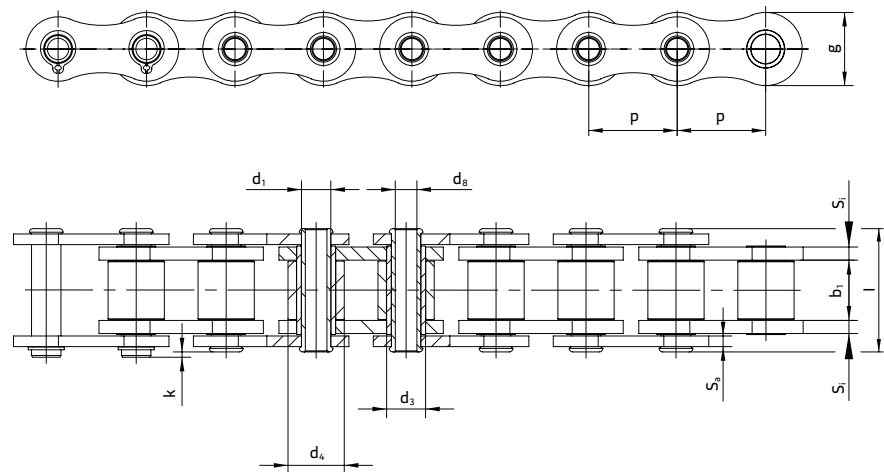
KW HP SS (stainless)

Chain type	p	b ₁	d ₃	d ₁	d ₅	l	k	S ₁	S ₂	g	F _B	≈q	
KW 08BHPSS	12.700	7.75	8.51	6.14	4.50	16.20	1.80	1.65	1.50	12.10	7800	0.60	A
KW 40HPSS	12.700	7.85	7.95	6.65	4.10	16.50	1.00	1.50	1.50	12.00	7700	0.60	A
KW 50HPSS	15.875	9.40	10.16	7.03	5.13	20.70	1.20	2.00	2.00	15.09	12500	0.90	A
KW 60HPSS	19.050	12.70	11.91	8.31	6.10	25.80	0.60	2.40	2.40	18.00	16800	1.40	A
KW 80HPSS	25.400	15.75	15.88	11.30	8.10	32.40	1.40	3.20	3.20	24.00	24000	2.30	A

HP chains – design version B

With simple pitch for standard sprockets

Drawings / product data



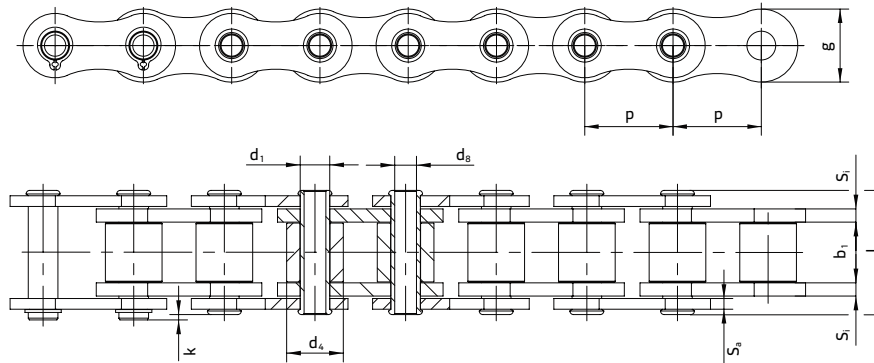
KettenWulf roller chains with hollow pins – design version B

KW HP													
Designation	Pitch [mm]	Min. inner width [mm]	Max. roller Ø [mm]	Max. pin Ø [mm]	Min. hollow pin internal Ø [mm]	Max. pin length [mm]	Max. overhang connecting pin [mm]	Inner plate thickness [mm]	Outer plate thickness [mm]	Plate height [mm]	Min. breaking load [N]	Weight [kg/m]	Designs
Chain type	p	b ₁	d ₄	d ₁	d ₃	l	k	S ₁	S ₂	g	F _B	≈q	
KW 10BHB	15.875	9.65	10.16	5.94	4.04	19.30	1.30	1.70	1.70	14.70	17000	0.83	B
KW 12BHP	19.050	11.68	12.07	6.50	4.10	22.30	1.20	1.85	1.85	15.09	23600	1.10	B
KW 60HB	19.050	12.70	11.91	7.00	5.01	26.50	1.10	2.40	2.40	18.00	20000	1.39	B
KW 16B127HP	25.400	12.70	15.88	9.53	7.05	30.80	1.20	4.10	3.10	23.00	40000	2.28	B

HP chains – design version C

With simple pitch for standard sprockets

Drawings / product data



KettenWulf gall chains with hollow pins – design version C

KW HP

Designation	Pitch [mm]	Min. inner width [mm]	Max. roller Ø [mm]	Max. pin Ø [mm]	Min. hollow pin internal Ø [mm]	Max. pin length [mm]	Max. overhang connecting pin [mm]	Inner plate thickness [mm]	Outer plate thickness [mm]	Plate height [mm]	Min. breaking load [N]	Weight [kg/m]	Designs
Chain type	p	b_1	d_4	d_1	d_8	l	k	S_i	S_o	g	F_b	$\approx q$	
KW 081HB	12.700	3.30	7.75	5.60	4.30	10.20	–	1.30	1.30	10.50	10000	0.35	C
KW 520HB	15.875	6.50	10.16	7.03	5.13	17.70	1.20	2.00	2.00	14.40	17000	0.74	C
KW 108HB2	15.875	9.50	10.16	7.03	5.00	20.00	1.30	1.88	1.88	14.70	15000	0.92	C
KW 128HB	19.050	11.86	12.07	8.03	5.20	22.70	1.20	1.85	1.85	15.80	25000	1.10	C