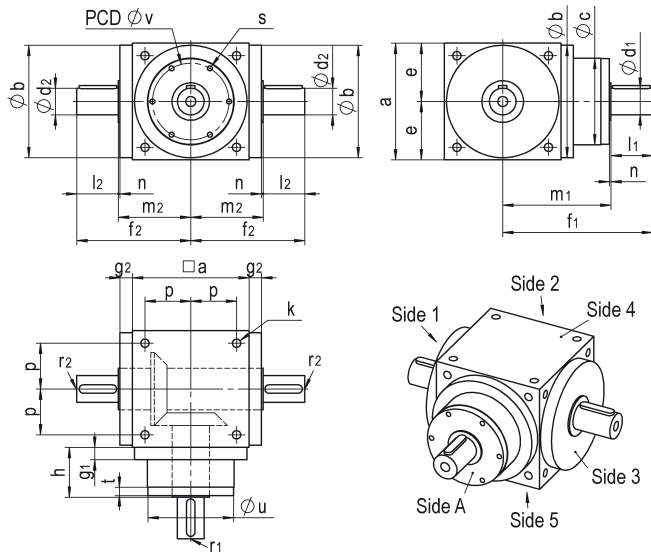
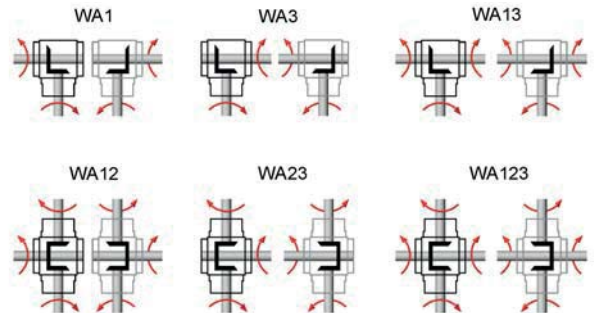


# Dimensions and shaft arrangements HS-Version configuration L

**POWER GEAR<sup>HS</sup>**



always right view = mirrored illustration



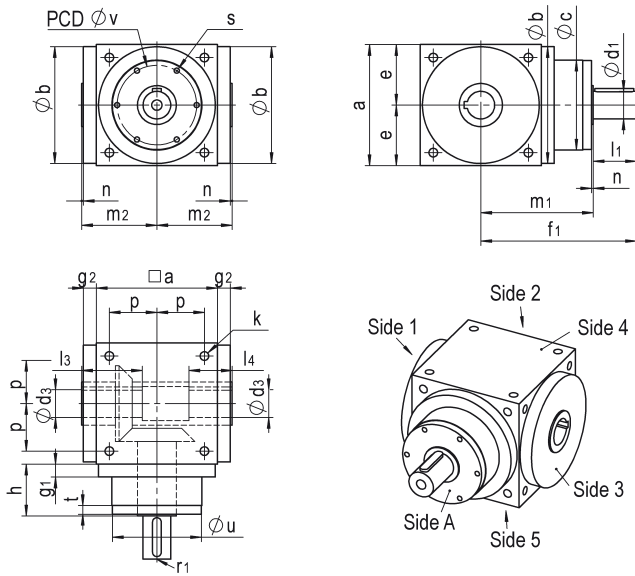
	S75L	S90L	S110L	S140L	S170L
a	75	90	110	140	170
Øb <sub>h7</sub>	73	88	108	135	165
Øc	72	86	106	104	128
Ød <sub>1 k6</sub>	12	16	18	22	32
l <sub>1</sub>	26	30	35	40	50
Ød <sub>2 k6</sub>	12	16	18	22	32
l <sub>2</sub>	26	30	35	40	50
e	37,5	45	55	70	85
f <sub>1</sub>	116	130	150	170	205
f <sub>2</sub>	75,5	87	102	122	149
g <sub>1</sub>	15	15	15	15	15
g <sub>2</sub>	10	10	10	10	12
h	52,5	55	60	60	70
k	M6x12	M6x12	M8x15,5	M10x19,5	M12x23
m <sub>1</sub>	90	100	115	130	155
m <sub>2</sub>	49,5	57	67	82	99
n <sub>1</sub>	2	2	2	2	2
n <sub>2</sub>	2	2	2	2	2
p	30	36	44	55	67
r <sub>1</sub> *	M4	M5	M6	M8	M12
r <sub>2</sub> *	M4	M5	M6	M8	M12
s	4xM5x9	4xM5x12	6xM6x12	6xM6x12	6xM8x16
t	8	8	8	10	10
Øu <sub>g6</sub>	72,9	87	107	107	127
Øv	62	76	92	92	114
Feather key <sub>d1</sub> **	4x4x20	5x5x25	6x6x28	6x6x32	10x8x45
Feather key <sub>d2</sub> **	4x4x20	5x5x25	6x6x28	6x6x32	10x8x45

\* According to Form D, DIN332

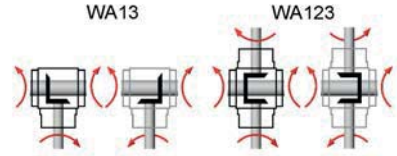
\*\* Feather key to DIN6885/1

# Dimensions and shaft arrangements HS-Version configuration H

# POWER GEAR<sup>HS</sup>



right view = mirrored illustration



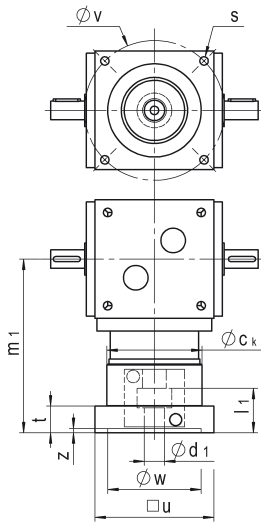
	S75H	S90H	S110H	S140H	S170H
a	75	90	110	140	170
Øb <sub>h7</sub>	73	88	108	135	165
Øc	72	86	106	104	128
Ød <sub>1 k6</sub>	12	16	18	22	32
l <sub>1</sub>	26	30	35	40	50
Ød <sub>3 H7</sub>	12	14	18	22	32
l <sub>3</sub>	42	49	61	70	85
l <sub>4</sub>	30	30	35	35	50
e	37.5	45	55	70	85
f <sub>1</sub>	116	130	150	170	205
g <sub>1</sub>	15	15	15	15	15
g <sub>2</sub>	10	10	10	10	12
h	52.5	55	60	60	70
k	M6x12	M6x12	M8x15.5	M10x19.5	M12x23
m <sub>1</sub>	90	100	115	130	155
m <sub>2</sub>	49.5	57	67	82	99
n <sub>1</sub>	2	2	2	2	2
n <sub>2</sub>	2	2	2	2	2
p	30	36	44	55	67
r <sub>1</sub> *	M4	M5	M6	M8	M12
s	4xM5x9	4xM5x12	6xM6x12	6xM6x12	6xM8x16
t	8	8	8	10	10
Øu <sub>g6</sub>	72.9	87	107	107	127
Øv	62	76	92	92	114
Feather key <sub>d1</sub> **	4x4x20	5x5x25	6x6x28	6x6x32	10x8x45
Feather key groove <sub>d2</sub> **	4x4	5x5	6x6	6x6	10x8

\* According to Form D, DIN332

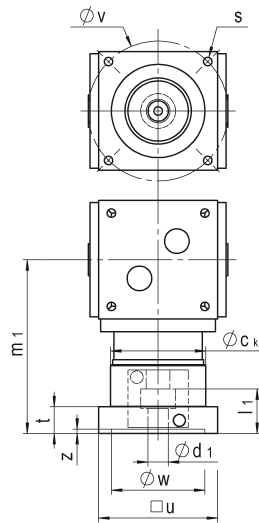
\*\* Feather key/Feather key groove to DIN6885/1

# Dimensions Input

## HS-Version configuration KL/KH



Design KL



Design KH

Size	Variant	Ød <sub>1</sub>	l <sub>1</sub>	□u	Øv	Øw <sup>F7</sup>	s	m <sub>1</sub>	t	z	Øc <sub>k</sub>
S75	V1	9	20	75	63	40	M4	146.5	25	5	77
	V2	11	23	75	75	60	M5	146.5	25	5	77
	V3	14	30	90	100	80	M6	146.5	25	5	77
S90	V1	11	26	90	75	60	M5	166.5	25	5	92
	V2	14	30	90	75	60	M5	166.5	25	5	92
	V3	14	30	90	95	70	M6	166.5	25	5	92
	V4	14	30	90	100	80	M6	166.5	25	5	92
	V5	19	40	90	95	70	M6	166.5	25	5	92
	V6	19	40	90	100	80	M6	166.5	25	5	92
	V7	19	40	115	130	95	M8	166.5	25	5	92
	V8	19	40	115	115	95	M8	166.5	25	5	92
	V9	24	50	115	130	110	M8	173	31.5	5	92
S110	V1	14	30	110	95	80	M6	184.5	26	5	112
	V2	14	30	110	100	80	M6	184.5	26	5	112
	V3	19	40	110	100	80	M6	184.5	26	5	112
	V4	19	40	115	115	95	M8	188	29.5	5	112
	V5	19	40	115	130	95	M8	188	29.5	5	112
	V6	19	40	115	130	110	M8	190	31.5	5	112
	V7	24	50	115	130	110	M8	190	31.5	5	112
	V8	24	50	140	165	110	M10	190	31.5	5	112
	V9	24	50	140	165	130	M10	205	21.5	5	112
	V10	32	60	140	165	130	M10	205	21.5	5	112
S140	V1	19	40	115	115	95	M8	203	29.5	5	112
	V2	19	40	115	130	95	M8	203	29.5	5	112
	V3	24	50	115	130	110	M8	205	31.5	5	112
	V4	24	50	140	165	110	M10	205	31.5	5	112
	V5	24	50	140	165	130	M10	220	21.5	5	112
	V6	32	60	140	165	130	M10	220	21.5	5	112
	V7	32	60	190	215	130	M12	221	22.5	6	112
	V8	32	60	190	215	180	M12	235	36.5	6	112
	V9	38	80	190	215	180	M12	235	36.5	6	112
S170	V1	24	50	140	165	110	M10	241	28.5	5	135
	V2	24	50	140	165	130	M10	244	31.5	5	135
	V3	32	60	140	165	130	M10	244	31.5	5	135
	V4	32	60	190	215	130	M12	262.5	26.5	6	135
	V5	32	60	190	215	180	M12	264	28	6	135
	V6	38	80	190	215	180	M12	264	28	6	135