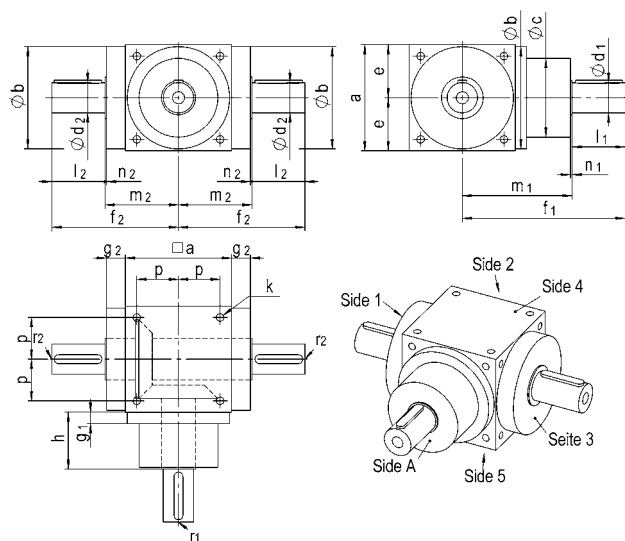


Dimensions and shaft arrangements

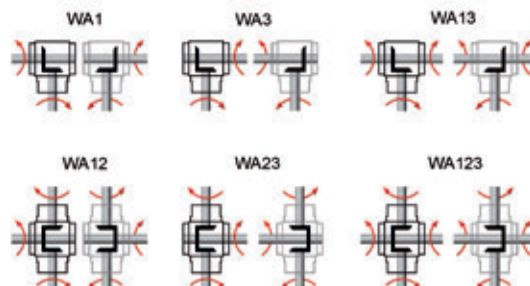
X-Version reinforced design

configuration L

POWER GEAR



Always right view = mirrored illustration



	X54L	X75L	X90L	X110L	X140L	X170L	X210L	X240L	X280L
a	54	75	90	110	140	170	210	240	280
ϕb h7	53	73	88	108	135	165	205	235	275
ϕc	53	72	86	106	104	128	160	180	200
ϕd_1 k6	14	20	25	35	40	50	60	70	80
l_1	30	35	40	60	70	80	110	120	150
ϕd_2 k6	14	20	25	35	40	50	60	70	80
l_2	30	35	40	60	70	80	110	120	150
e	27	37.5	45	55	70	85	105	120	140
f_1	102	125	140	175	215	255	320	360	425
f_2	69	93	105	140	167	197	252	282	338
g_1	43	15	15	15	15	15	20	25	25
g_2	11	18.5	18	23	25	30	35	40	46
h	45	52.5	55	60	75	90	105	120	135
k	M5 x14.5*	M6 x12	M6 x12	M8 x15.5	M10 x19.5	M12 x23	M16 x30	M16 x30	M16 x30
m_1	72	90	100	115	145	175	210	240	275
m_2	39	58	65	80	97	117	142	162	188
n_1	2	2	2	2	2	2	2	2	2
n_2	1	2	2	2	2	2	2	2	2
p	22	30	36	44	55	67	85	95	110
r_1**	M5	M6	M10	M12	M16	M16	M20	M20	M20
r_2**	M5	M6	M10	M12	M16	M16	M20	M20	M20
s	—	4x M5 x9	4x M5 x12	6x M6 x12	—	—	—	—	—
t	—	8	8	8	—	—	—	—	—
ϕu_{g6}	—	72.9	87	107	—	—	—	—	—
ϕv	—	62	76	92	—	—	—	—	—
Feather key d_1***	5x5x25	6x6x28	8x7x32	10x8x50	12x8x63	14x9x70	18x11x100	20x12x110	22x14x140
Feather key d_2***	5x5x25	6x6x28	8x7x32	10x8x50	12x8x63	14x9x70	18x11x100	20x12x110	22x14x140

* Thread starts from 7.00 mm depth

** According to Form D, DIN332

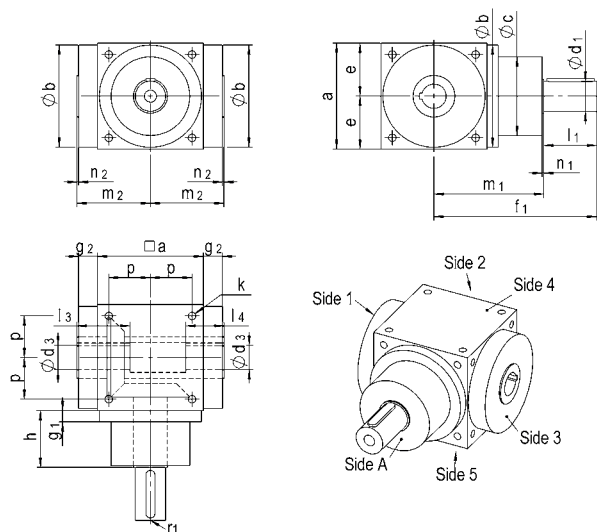
*** Feather key according to DIN 6885/1

Dimensions and shaft arrangements

X-Version reinforced design

configuration H

POWER GEAR



Always right view = mirrored illustration



	X75H	X90H	X110H	X140H	X170H	X210H	X240H	X280H
a	75	90	110	140	170	210	240	280
Øb_{h7}	73	88	108	135	165	205	235	275
Øc	72	86	106	104	128	160	180	200
Ød1_{k6}	20	25	35	40	50	60	70	80
l1	35	40	60	70	80	110	120	150
Ød3^{H7}	14	18	22	32	40	50	55	60
l3	47	50	60	70	95	95	115	130
l4	32	35	45	50	70	70	80	90
e	37.5	45	55	70	85	105	120	140
f1	125	140	175	215	255	320	360	425
g1	15	15	15	15	15	20	25	25
g2	18.5	18	23	25	30	35	40	46
h	52.5	55	60	75	90	105	120	135
k	M6 x12	M6 x12	M8 x15.5	M10 x19.5	M12 x23	M16 x30	M16 x30	M16 x30
m1	90	100	115	145	175	210	240	275
m2	58	65	80	97	117	142	162	188
n1	2	2	2	2	2	2	2	2
n2	2	2	2	2	2	2	2	2
p	30	36	44	55	67	85	95	110
r1**	M6	M10	M12	M16	M16	M20	M20	M20
s	4x M5 x9	4x M5 x12	6x M6 x12	—	—	—	—	—
t	8	8	8	—	—	—	—	—
Øu_{g6}	72.9	87	107	—	—	—	—	—
Øv	62	76	92	—	—	—	—	—
Feather key_{d1***}	6x6x28	8x7x32	10x8x50	12x8x63	14x9x70	18x11x100	20x12x110	22x14x140
Keyway_{d3***}	5x5	6x6	6x6	10x8	12x8	14x9	16x10	18x11

* According to Form D, DIN332

** Feather key / Keyway according to DIN 6885/1