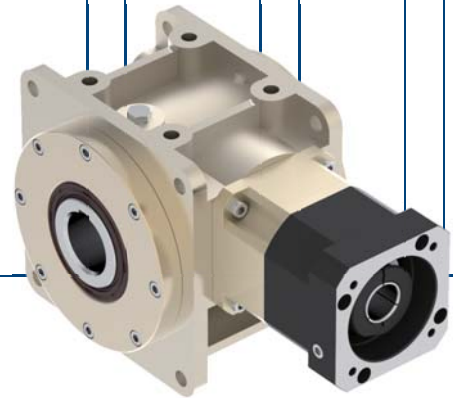


KHY Series



Indication of Model Numbers

KHY	55	F	O	B	5	P0	MOTOR
Type	Model	Input	Output	Bearing	Ratio	Backlash Class	Motor Type
KHY	55	F : Input Flange	O : Hollow Output Shaft	B : Ball Bearing	1-Stage	P0	Motor Brand &
	75	R : Reducer	N : Single Clamping	(55#~190#)	5, 10, 15	P1	Model No.
	90	2-Stage :	M : Double Clamping				
	115	R44 ~ R180	S : Single Output Shaft	T : Taper Bearing	2-Stage		
	130	D : Single Input Shaft	(Keyway)	(90#~190#)	25, 50, 75,		
	140	(Keyway)	S1 : Single Output Shaft		100, 150		
	160	D1 : Single Input Shaft	(No Keyway)	(P-Type 은			
	190	(No Keyway)	V : Double Output Shaft	Taper			
			(Keyway)	Bearing 만			
			V1 : Double Output Shaft	가능)			
			(No Keyway)	(75#~190#)			
			P : Flange				



The Model & Ratio Table of Hypoid Gear Reducer Assembly Planetary Reducer 적용모델 및 감속비 종류

Model	Ratio	Flange Model	Planetary Reducer Model	Ratio of 2-Stage Planetary Reducer 5,10
55	5 10 15	44	44	Ratio of Bevel Gear Reducer Fitted with 1-Stage Planetary Reducer 25, 50, 75, 100, 150
75		62	62	
90		90	80	
115		90	90	
130		120	120	
140		142	142	
160		142	142	
190		180	180	

Selection of Type

KHY 제품군

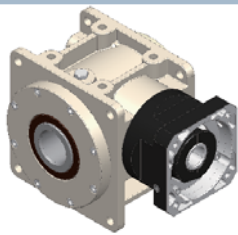
입력방식 Input Type

F
Input Flange

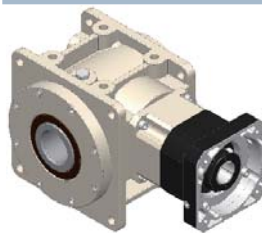
R
Reducer

D
Single Input Shaft

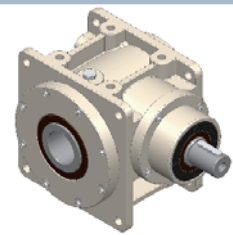
O
Hollow
Output
Shaft



FO



RO

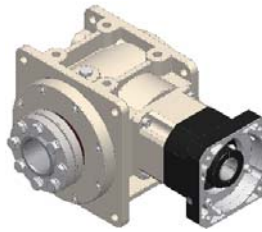


DO

N
Single
Clamping



FN

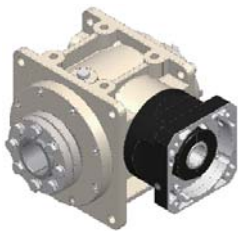


RN

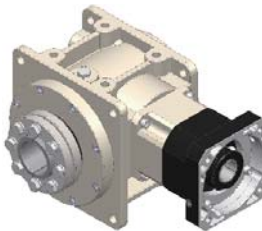


DN

M
Double
Clamping



FM



RM

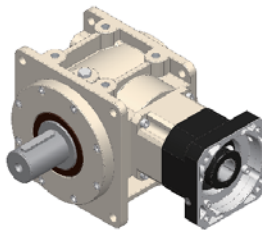


DM

S
Single
Output Shaft



FS

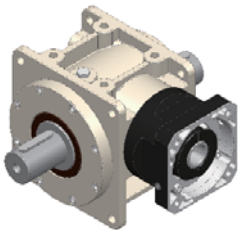


RS

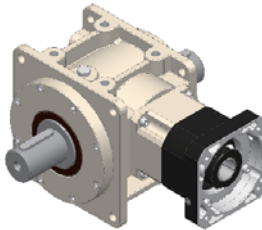


DS

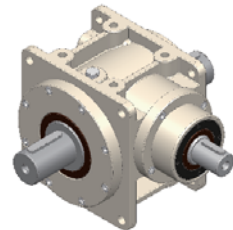
V
Double
Output Shaft



FV



RV

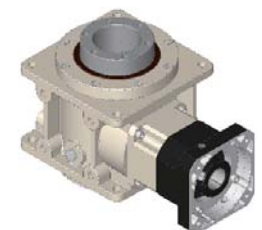


DV

P
Flange



FP



RP



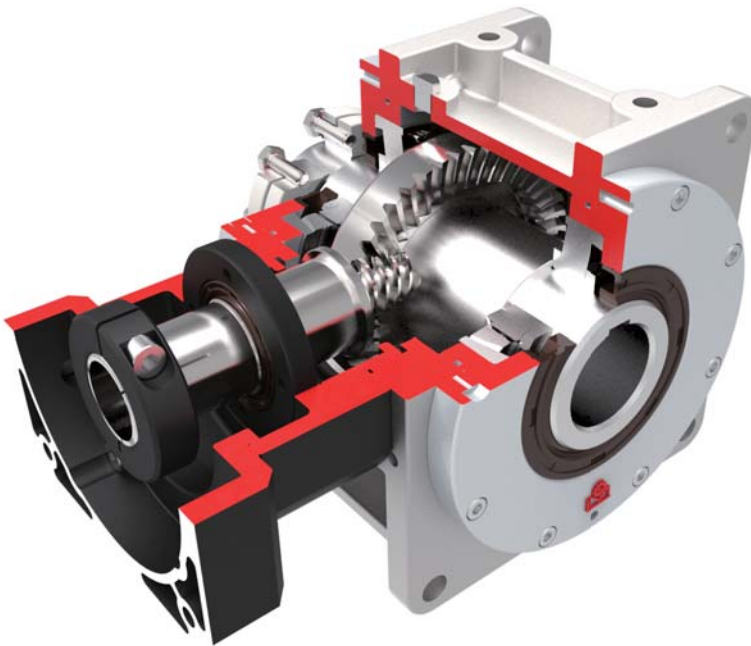
DP

출력방식 Output Type

KHY

Features of KHY Series

KHY 제품특성

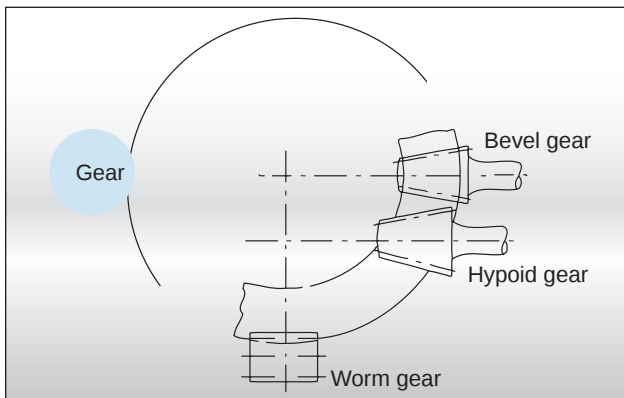


고감속비

KHY Series는 1단에서 최대 1/15까지 가능한 고감속 감속기입니다.

Super-Reduction-Hypoid Gear

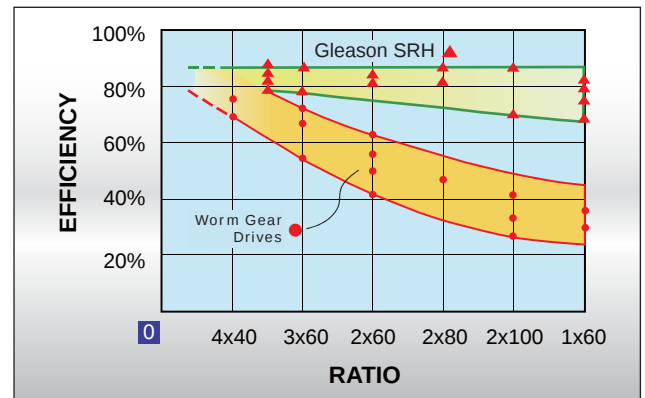
Gleason super-reduction-hypoid gear tooth system, the max, single stage ratio is 1/15, Double stage ratio 1/25~1/150 is optional.



High Output Torque

부식에 강하며 컴팩트한 크기와 경량의 일체형 바디이며 고감속, 고출력을 실현

The gear box is one-piece constructed to ensure the high rigidity and corrosion-resistant capability.



High Efficiency

최소 90%이상의 높은 주행효율을 갖고 있습니다.

High running efficiency, the efficiency more than 90%.

Features of KHY Series

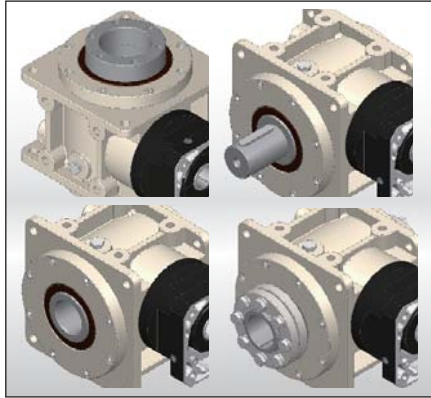
KHY Series 제품 특성



Low Backlash

정밀하게 가공되어진 spiral bevel gear로
고출력, 저소음, 저백래쉬를 실현

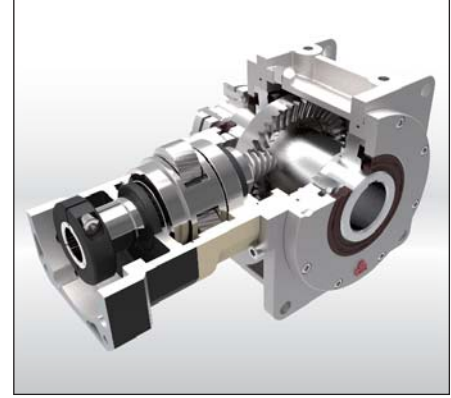
Torsional backlash depending on design
up to ≤ 3 arcmin.



Mounting Position

출력축과 입력축은 다양한 산업 애플리케이션에
적용이 적합하도록 설계되어 있습니다.

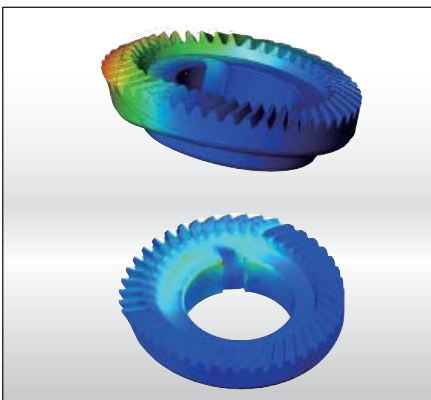
Multiple precision machined surface
is easy for assembly, suitable for any
optional mounting orientation.
Output shaft and input shaft are
designed to suit for various industries
applications.



More High Gear Ratio

고정밀의 Hypoid gear와 유성기어와의 결합으로
최대 1500:1 까지의 감속비를 갖고
있습니다.

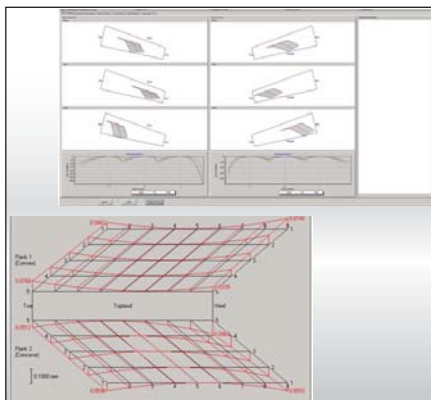
High precision grinded and carburized
spiral bevel gears with optimal designed
planetary gear can do ratio 1500:1.



CAE Design and Analysis

기어전문 3D-CAE툴을 통한 모의 실험으로 최적
의 구동조건 분석 후 완성되어 기어의 수명을 향상
시켰습니다.

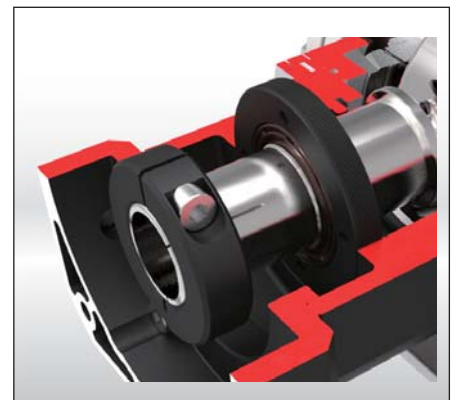
Employs 3D-CAE software for analysis
and design, the software allows for
analyzing the strength of the entire gear
reducer and helical teeth. Increasing
the service life of gears and the gear
reducer.



Optimized Design

Gleason 소프트웨어를 사용하여 이상적인
기어 접촉 패턴을 통해 높은 출력 허용
토크를 낼 수 있도록 디자인 되었습니다.

Use Gleason's design software to design
new spiral bevel gears. Through the ideal
gear contact pattern for application,
achieve high permissible output torque.



Collet Locking Mechanism

감속기의 입력축과 Motor의 출력축을 연결
하기 위한 Collet Clamp 방식입니다.
이는 역학적 확실한 체결력과 동심도를 보장하며 높
은 속도에서 구동할때 접촉의 균형을 이룰 수 있는
구조입니다.

The input-end and the motor are coupled
through a collet locking mechanism. It
has passed dynamical balance analysis to
assure concentricity and balance on the
connection and no backlash for power
transmission while running at high speed.

Characteristic of KHY Series

1-Stage

Model No.		Unit	Ratio	55	75	90	115	130	140	160	190
Rated Output Torque (Nominal output torque)	T_{2N}	Nm	5	35	70	140	260	430	720	1,100	1,440
			10	30	60	117	220	365	615	957	1,230
			15	25	50	95	180	300	510	815	1,020
Max. Acceleration Torque	T_{2B}	Nm	5~15	1.5 Times of Rated Output Torque							
Max. Output Torque Emergency Stop Torque	T_{2NOT}	Nm	5~15	3 Times of Rated Output Torque							
Rated Input Speed	n_{1N}	rpm	5	2,100	1,800	1,500	1,150	1,000	700	600	550
			10	3,000	2,700	2,200	1,800	1,500	1,200	1,100	1,000
			15	3,000	3,000	2,800	2,300	2,000	1,600	1,350	1,300
Max. Input Speed	n_{1B}	rpm	5~15	6,000	6,000	6,000	6,000	5,000	5,000	4,500	4,000
Backlash	j_t	arcmin	P0	-	-	≤ 3	≤ 3	≤ 3	≤ 3	≤ 3	≤ 3
			P1	≤ 6	≤ 6	≤ 6	≤ 6	≤ 6	≤ 6	≤ 6	≤ 6
Max. Radial Force Ball Bearing	F_{2rB}	N	5~15	1,495	2,366	2,691	4,797	5,837	7,020	9,490	12,337
Max. Axial Force Ball Bearing	F_{2aB}	N	5~15	748	1,183	1,346	2,399	2,919	3,510	4,745	6,169
Max. Radial Force Taper Bearing	F_{2rB}	N	5~15	-	- 6,545(P)	5,523 6,545(P)	9,100	12,320	14,420	18,620	24,080
Max. Axial Force Taper Bearing	F_{2aB}	N	5~15	-	- 3,273(P)	2,762 3,273(P)	4,550	6,160	7,210	9,310	12,040
Service Life	L_H	hr	5~15	S5 Cycle Operation: >20,000 (S1 Continuous Operation: >10,000 hrs)							
Efficiency	η	%	5	$\geq 96\%$							
			10, 15	$\geq 93\%$							
Operating Temperature		°C	5~15	-10°C ~ +90°C							
Lubrication			5~15	Synthetic Oil							
Noise Level		dB	5~15	≤ 67	≤ 67	≤ 69	≤ 69	≤ 71	≤ 71	≤ 72	≤ 72

* 주 : (P) Flange

Mass Moments of Inertia (kg.cm²)

Ratio	55	75	90	115	130	140	160	190
5	0.23	0.58	1.41	4.00	7.12	13.53	24.76	44.29
10	0.15	0.38	1.00	2.46	4.27	7.38	12.47	21.43
15	0.13	0.34	0.81	2.07	3.45	5.76	9.23	15.53

Characteristic of KHY Series

2-Stage

Model No.		Unit	Ratio	55	75	90	115	130	140	160	190
Rated Output Torque (Nominal output torque)	T _{2N}	Nm	25, 50	35	70	140	260	430	720	1,100	1,440
			75, 100	30	60	117	220	365	615	957	1,230
			150	25	50	95	180	300	510	815	1,020
Max. Acceleration Torque	T _{2B}	Nm	25~150	1.5 Times of Rated Output Torque							
Max. Output Torque Stop Torque	T _{2NOT}	Nm	25~150	3 Times of Rated Output Torque							
Rated Input Speed	n _{1N}	rpm	25~150	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
Max. Input Speed	n _{1B}	rpm	25~150	6,000	6,000	6,000	6,000	5,000	5,000	5,000	4,000
Backlash	j _t	arcmin	P0	-	-	≤ 4	≤ 4	≤ 4	≤ 4	≤ 4	≤ 4
			P1	≤ 7	≤ 7	≤ 7	≤ 7	≤ 7	≤ 7	≤ 7	≤ 7
Max. Radial Force Ball Bearing	F _{2rB}	N	25~150	1,495	2,366	2,691	4,797	5,837	7,020	9,490	12,337
Max. Axial Force Ball Bearing	F _{2aB}	N	25~150	748	1,183	1,346	2,399	2,919	3,510	4,745	6,169
Max. Radial Force Taper Bearing	F _{2rB}	N	25~150	-	- 6,545(P)	5,523 6,545(P)	9,100	12,320	14,420	18,620	24,080
Max. Axial Force Taper Bearing	F _{2aB}	N	25~150	-	- 3,273(P)	2,762 3,273(P)	4,550	6,160	7,210	9,310	12,040
Service Life	L _H	hr	25~150	S5 Cycle Operation: >20,000 (S1 Continuous Operation: >10,000 hrs)							
Efficiency	η	%	25~75	≥ 92%							
			100, 150	≥ 90%							
Operating Temperature		°C	25~150	-10°C ~ +90°C							
Lubrication			25~150	Synthetic Oil							
Noise Level		dB	25~150	≤ 67	≤ 67	≤ 69	≤ 69	≤ 71	≤ 71	≤ 72	≤ 72

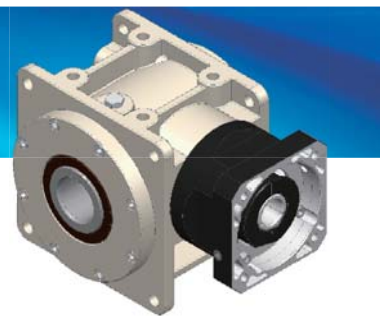
* ㉮ : (P) Flange

Mass Moments of Inertia (kg.cm²)

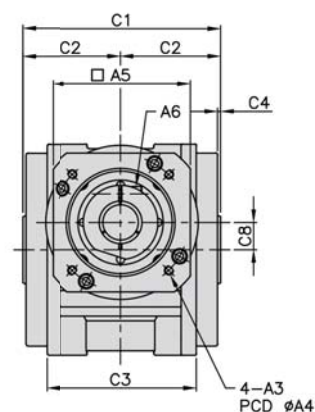
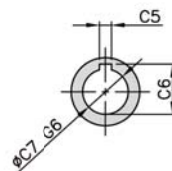
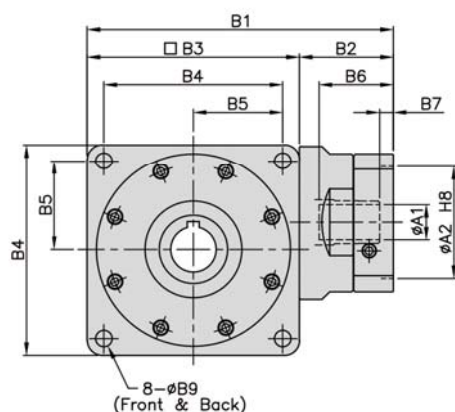
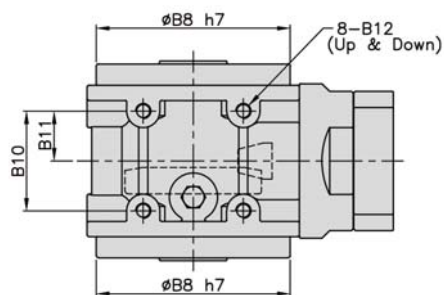
Ratio	55	75	90	115	130	140	160	190
25	0.39	1.15	1.18	4.90	4.99	7.99	8.27	8.75
50	0.36	1.05	1.06	4.07	4.09	6.31	6.36	6.45
75	0.35	0.94	0.96	3.17	3.24	4.04	4.23	4.56
100	0.34	0.93	0.94	3.12	3.14	3.87	3.92	4.01
150	0.33	0.92	0.93	3.08	3.06	3.73	3.68	3.59

KHY-FO series

RATIO : 5, 10, 15 (1-Stage)



Input Flange - Hollow Output Shaft



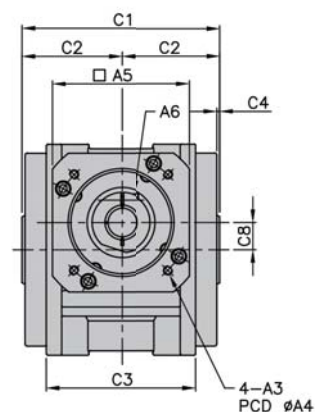
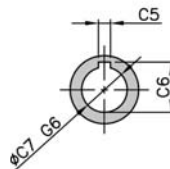
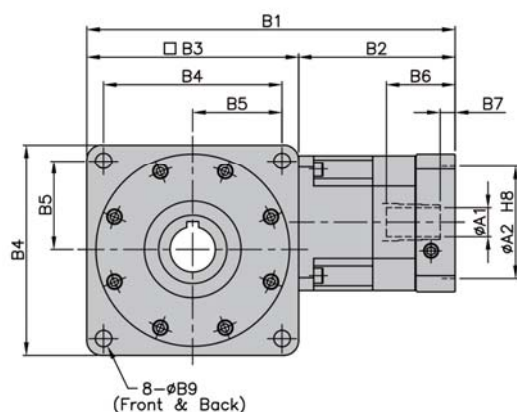
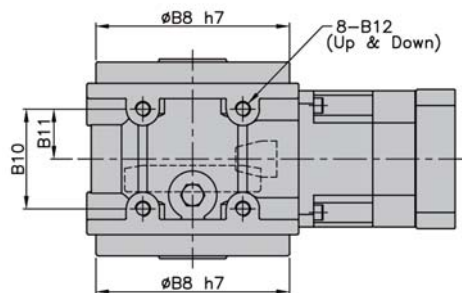
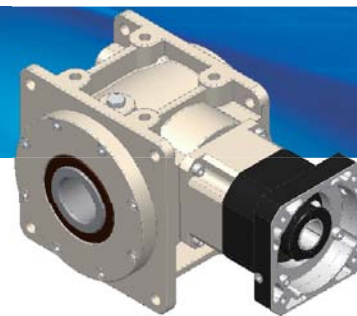
unit : mm

Model		55	75	90	115	130	140	160	190
Code									
A	A1	8, 11	14	19	24	28, 32	35	35	42, 48, 55
	A2	30, 40, 50	50, 60, 70	50, 70, 80, 95	70, 80, 95, 110	95, 110, 130	110, 130, 180	110, 130, 180	114.3, 180, 230, 250
	A3	M3, M4, M5	M4, M5, M6	M5, M6	M5, M6, M8	M6, M8, M10	M8, M10, M12	M8, M10, M12	M12, M16
	A4	46, 60, 63	70, 75, 90	70, 90, 100, 115	90, 100, 115, 145	115, 145, 165	145, 165, 215	145, 165, 215	200, 215, 265, 300
	A5	46, 55	64, 70, 80	92, 110	92, 110, 130	122, 130, 150	146, 150, 190	146, 150, 190	182, 200, 250, 265
	A6	M4 x P0.7	M5 x P0.8	M6 x P1.0	M8 x P1.25	M8 x P1.25	M10 x P1.5	M10 x P1.5	M10 x P1.5
B	B1	123	158	202	241	285,5	332,5	357,5	416,5
	B2	33	43	62	71	93,5	117,5	117,5	152,5
	B3	90	115	140	170	192	215	240	264
	B4	78	98	118	144	164	182	206	224
	B5	39	49	59	72	82	91	103	112
	B6	26	38	49	58	68	81,5	81,5	114,5
	B7	5	6	9	8	10	10	10	11,5
	B8	84	103	128	148	173	200	227	254
	B9	6,8	9	11	11	13,5	15	17,5	17,5
	B10	44	54	66	80	95	104	120	140
	B11	22	27	33	40	47,5	52	60	70
	B12	M6 x P1,0	M8 x P1,25	M10 x P1,5	M12 x P1,75	M12 x P1,75	M14 x P2,0	M16 x P2,0	M16 x P2,0
C	C1	88	108	132	156	172	187	212	242
	C2	44	54	66	78	86	93,5	106	121
	C3	60	80	100	120	138	146	166	196
	C4	2	2	2	2	2	2	2	2
	C5	6	7	8	10	12	14	14	18
	C6	22,8	28,3	33,3	43,3	51,3	58,8	63,8	74,4
	C7	20	25	30	40	48	55	60	70
	C8	9	14	18	23	27	32	38	42
Weight	kg	2,96	4,61	8,27	12,32	18,2	26,61	37,59	59,45

KHY-RO series

RATIO : 25, 50, 75, 100, 150 (2-Stage)

Fitted with Planetary Reducer - Hollow Output Shaft



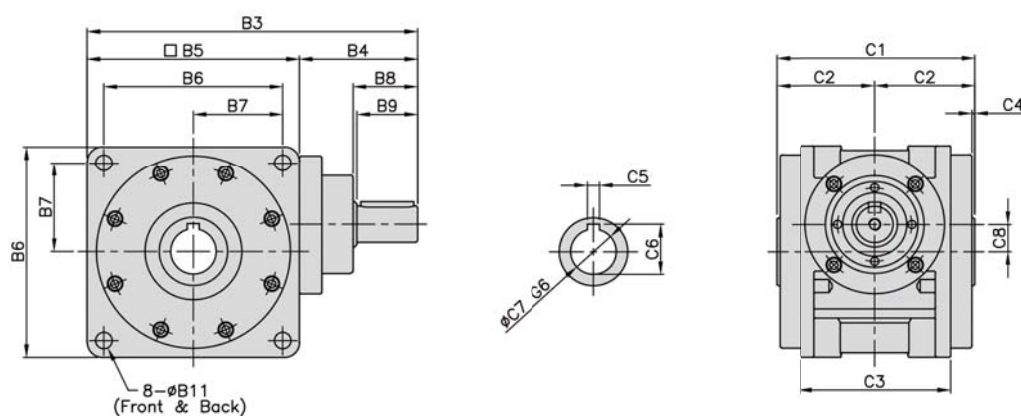
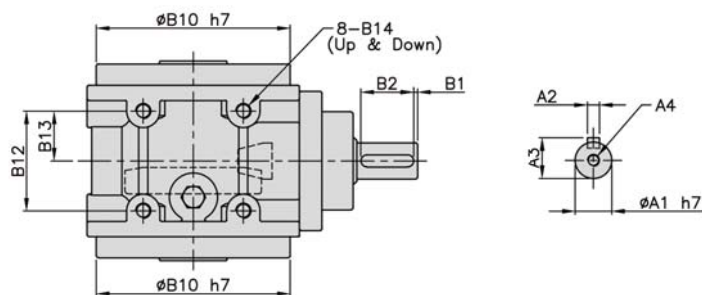
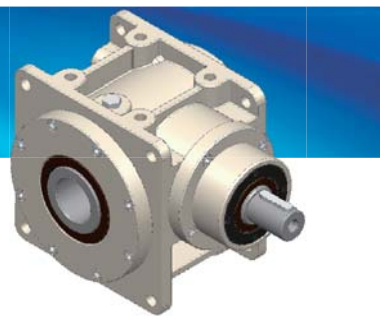
unit : mm

Model		55	75	90	115	130	140	160	190
Code									
A	A1	8, 11	14	14, 19	19, 24	28, 32	32, 35	32, 35	38, 42, 48, 55
	A2	30, 40, 50	50, 60, 70	50, 70, 80, 95	70, 80, 95, 110	95, 110, 130	110, 130, 180	110, 130, 180	114.3, 180, 230, 250
	A3	M3, M4, M5	M4, M5, M6	M5, M6	M5, M6, M8	M6, M8, M10	M8, M10, M12	M8, M10, M12	M12, M16
	A4	46, 60, 63	70, 75, 90	70, 90, 100, 115	90, 100, 115, 145	115, 145, 165	145, 165, 215	145, 165, 215	200, 215, 265, 300
	A5	46, 55	64, 70, 80	92, 110	92, 110, 130	122, 130, 150	146, 150, 190	146, 150, 190	182, 200, 250, 265
	A6	M4 x P0.7	M5 x P0.8	M5 x P0.8	M6 x P1.0	M8 x P1.25	M10 x P1.5	M10 x P1.5	M10 x P1.5
B	B1	157	201	236.5	286.5	340	404.5	429.5	507.5
	B2	67	86	96.5	116.5	148	189.5	189.5	243.5
	B3	90	115	140	170	192	215	240	264
	B4	78	98	118	144	164	182	206	224
	B5	39	49	59	72	82	91	103	112
	B6	26	32	45.5	59	67	84.5	84.5	114.5
	B7	5	6	10	9	10	10	10	11.5
	B8	84	103	128	148	173	200	227	254
	B9	6.8	9	11	11	13.5	15	17.5	17.5
	B10	44	54	66	80	95	104	120	140
	B11	22	27	33	40	47.5	52	60	70
	B12	M6 x P1.0	M8 x P1.25	M10 x P1.5	M12 x P1.75	M12 x P1.75	M14 x P2.0	M16 x P2.0	M16 x P2.0
C	C1	88	108	132	156	172	187	212	242
	C2	44	54	66	78	86	93.5	106	121
	C3	60	80	100	120	138	146	166	196
	C4	2	2	2	2	2	2	2	2
	C5	6	7	8	10	12	14	14	18
	C6	22.8	28.3	33.3	43.3	51.3	58.8	63.8	74.4
	C7	20	25	30	40	48	55	60	70
	C8	9	14	18	23	27	32	38	42
Weight	kg	3.54	5.84	10.04	16.01	26.83	41.16	52.14	86.11

KHY-DO series

RATIO : 5, 10, 15 (1-Stage)

Single Input Shaft - Hollow Output Shaft

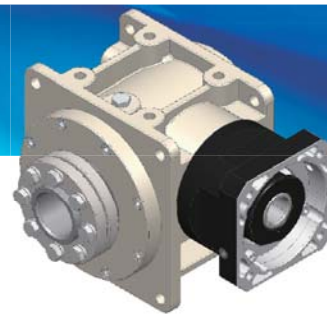


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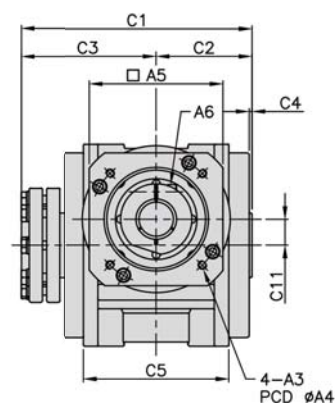
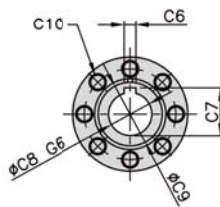
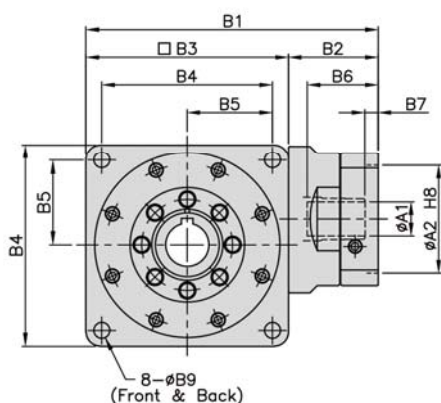
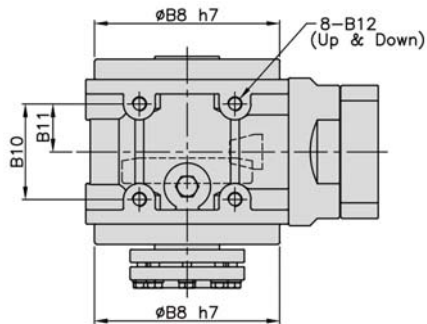
Model		55	75	90	115	130	140	160	190
Code									
A	A1	14	19	24	28	32	32	38	40
	A2	5	6	8	8	10	10	12	12
	A3	16	21,5	27	31	35	35	41	43
	A4	M5 x P0,8	M6 x P1,0	M8 x P1,25	M10 x P1,5	M10 x P1,5	M10 x P1,5	M12 x P1,75	M12 x P1,75
B	B1	2,5	2,5	2,5	2,5	5	5	5	5
	B2	20	25	35	35	40	40	50	50
	B3	147	180,5	218	260	293	315	367	402,5
	B4	57	65,5	78	90	101	100	127	138,5
	B5	90	115	140	170	192	215	240	264
	B6	78	98	118	144	164	182	206	224
	B7	39	49	59	72	82	91	103	112
	B8	27	32	42,5	42,5	52,5	51,5	62	63,5
	B9	25	30	40	40	50	50	60	60
	B10	84	103	128	148	173	200	227	254
	B11	6,8	9	11	11	13,5	15	17,5	17,5
	B12	44	54	66	80	95	104	120	140
	B13	22	27	33	40	47,5	52	60	70
	B14	M6 x P1,0	M8 x P1,25	M10 x P1,5	M12 x P1,75	M12 x P1,75	M14 x P2,0	M16 x P2,0	M16 x P2,0
C	C1	88	108	132	156	172	187	212	242
	C2	44	54	66	78	86	93,5	106	121
	C3	60	80	100	120	138	146	166	196
	C4	2	2	2	2	2	2	2	2
	C5	6	7	8	10	12	14	14	18
	C6	22,8	28,3	33,3	43,3	51,3	58,8	63,8	74,4
	C7	20	25	30	40	48	55	60	70
	C8	9	14	18	23	27	32	38	42
Weight	kg	2,86	4,6	8,12	11,04	18,74	25,88	36,83	56,12

KHY-FN series

RATIO : 5, 10, 15 (1-Stage)



Input Flange - Single Clamping

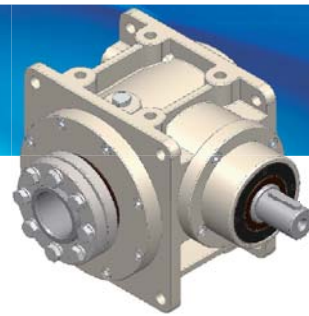


unit : mm

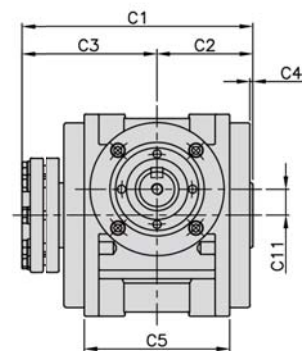
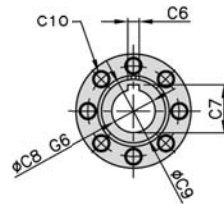
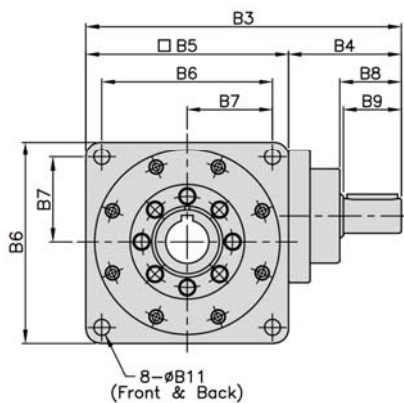
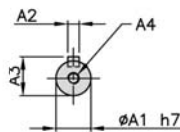
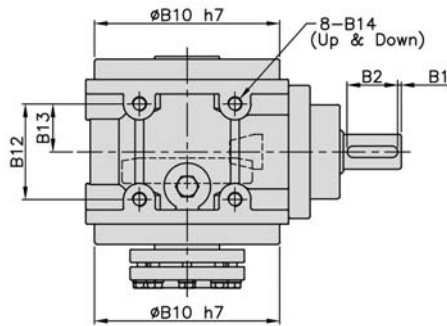
Code	Model	55	75	90	115	130	140	160	190
A	A1	8, 11	14	19	24	28, 32	35	35	42, 48, 55
	A2	30, 40, 50	50, 60, 70	50, 70, 80, 95	70, 80, 95, 110	95, 110, 130	110, 130, 180	110, 130, 180	114.3, 180, 230, 250
	A3	M3, M4, M5	M4, M5, M6	M5, M6	M5, M6, M8	M6, M8, M10	M8, M10, M12	M8, M10, M12	M12, M16
	A4	46, 60, 63	70, 75, 90	70, 90, 100, 115	90, 100, 115, 145	115, 145, 165	145, 165, 215	145, 165, 215	200, 215, 265, 300
	A5	46, 55	64, 70, 80	92, 110	92, 110, 130	122, 130, 150	146, 150, 190	146, 150, 190	182, 200, 250, 265
	A6	M4 x P0.7	M5 x P0.8	M6 x P1.0	M8 x P1.25	M8 x P1.25	M10 x P1.5	M10 x P1.5	M10 x P1.5
B	B1	123	158	202	241	285.5	332.5	357.5	416.5
	B2	33	43	62	71	93.5	117.5	117.5	152.5
	B3	90	115	140	170	192	215	240	264
	B4	78	98	118	144	164	182	206	224
	B5	39	49	59	72	82	91	103	112
	B6	26	38	49	58	68	81.5	81.5	114.5
	B7	5	6	9	8	10	10	10	11.5
	B8	84	103	128	148	173	200	227	254
	B9	6.8	9	11	11	13.5	15	17.5	17.5
	B10	44	54	66	80	95	104	120	140
	B11	22	27	33	40	47.5	52	60	70
	B12	M6 x P1.0	M8 x P1.25	M10 x P1.5	M12 x P1.75	M12 x P1.75	M14 x P2.0	M16 x P2.0	M16 x P2.0
C	C1	109	134	160	189	207	224	249	281
	C2	44	54	66	78	86	93.5	106	121
	C3	65	80	94	111	121	130.5	143	160
	C4	2	2	2	2	2	2	2	2
	C5	60	80	100	120	138	146	166	196
	C6	6	7	8	10	12	14	14	18
	C7	22.8	28.3	33.3	43.3	51.3	58.8	63.8	74.4
	C8	20	25	30	40	48	55	60	70
	C9	28	34	44	52	60	65	73	83
	C10	6-M6	8-M6	8-M6	8-M8	8-M8	8-M8	8-M8	8-M10
	C11	9	14	18	23	27	32	38	42
Weight	kg	3.22	4.96	8.73	12.97	19.33	27.35	39.35	61.74

KHY-DN series

RATIO : 5, 10, 15 (1-Stage)



Single Input Shaft - Single Clamping

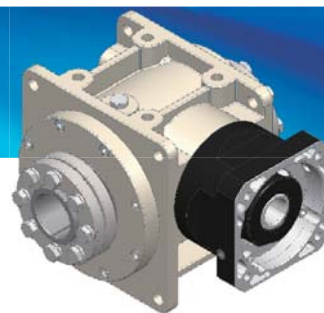


unit : mm

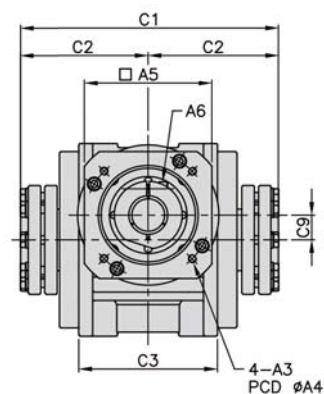
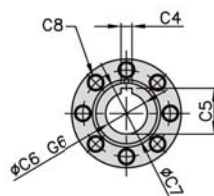
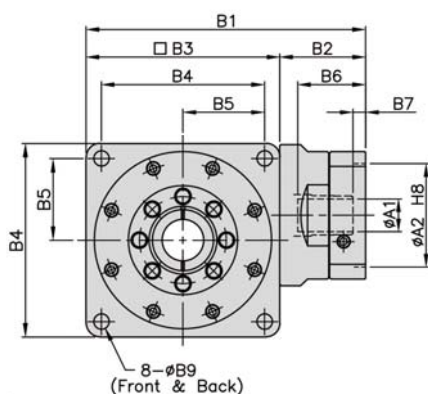
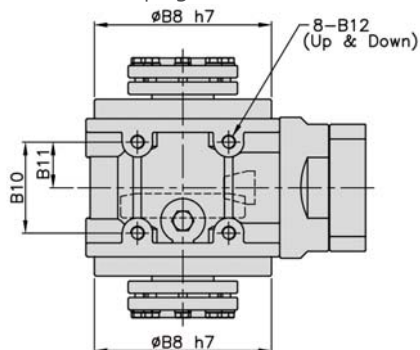
Code \ Model	55	75	90	115	130	140	160	190
A	A1	14	19	24	28	32	32	40
	A2	5	6	8	8	10	10	12
	A3	16	21,5	27	31	35	35	43
	A4	M5 x P0,8	M6 x P1,0	M8 x P1,25	M10 x P1,5	M10 x P1,5	M10 x P1,5	M12 x P1,75
B	B1	2,5	2,5	2,5	2,5	5	5	5
	B2	20	25	35	35	40	40	50
	B3	147	180,5	218	260	293	315	402,5
	B4	57	65,5	78	90	101	100	138,5
	B5	90	115	140	170	192	215	264
	B6	78	98	118	144	164	182	224
	B7	39	49	59	72	82	91	112
	B8	27	32	42,5	42,5	52,5	51,5	63,5
	B9	25	30	40	40	50	50	60
	B10	84	103	128	148	173	200	254
	B11	6,8	9	11	11	13,5	15	17,5
	B12	44	54	66	80	95	104	140
	B13	22	27	33	40	47,5	52	70
	B14	M6 x P1,0	M8 x P1,25	M10 x P1,5	M12 x P1,75	M12 x P1,75	M14 x P2,0	M16 x P2,0
C	C1	109	134	160	189	207	224	281
	C2	44	54	66	78	86	93,5	121
	C3	65	80	94	111	121	130,5	160
	C4	2	2	2	2	2	2	2
	C5	60	80	100	120	138	146	196
	C6	6	7	8	10	12	14	18
	C7	22,8	28,3	33,3	43,3	51,3	58,8	74,4
	C8	20	25	30	40	48	55	70
	C9	28	34	44	52	60	65	83
	C10	6-M6	8-M6	8-M6	8-M8	8-M8	8-M8	8-M10
	C11	9	14	18	23	27	32	42
Weight	kg	3,09	4,98	8,61	11,62	19,86	27,78	58,38

KHY-FM series

RATIO : 5, 10, 15 (1-Stage)



Input Flange - Double Clamping



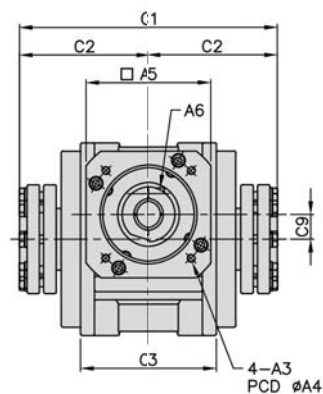
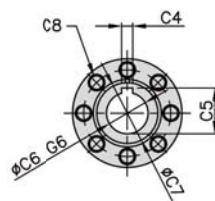
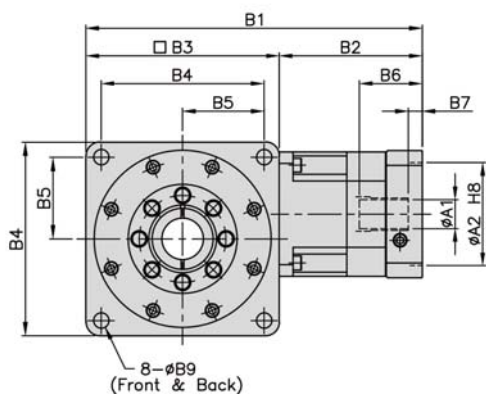
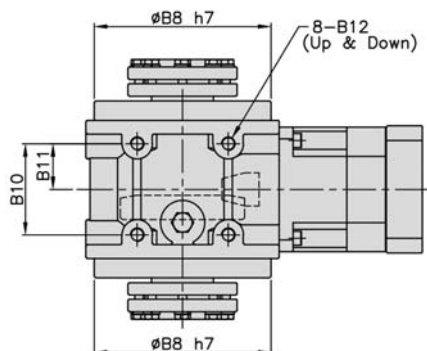
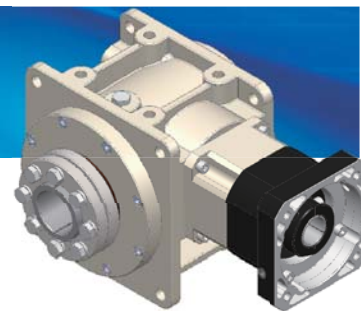
unit : mm

Model		55	75	90	115	130	140	160	190
Code									
A	A1	8, 11	14	19	24	28, 32	35	35	42, 48, 55
	A2	30, 40, 50	50, 60, 70	50, 70, 80, 95	70, 80, 95, 110	95, 110, 130	110, 130, 180	110,130,180	114.3, 180, 230, 250
	A3	M3, M4, M5	M4, M5, M6	M5, M6	M5, M6, M8	M6, M8, M10	M8, M10, M12	M8, M10, M12	M12, M16
	A4	46, 60, 63	70, 75, 90	70, 90, 100, 115	90, 100, 115, 145	115, 145, 165	145, 165, 215	145, 165, 215	200, 215, 265, 300
	A5	46, 55	64, 70, 80	92, 110	92, 110, 130	122, 130, 150	146, 150, 190	146, 150, 190	182, 200, 250, 265
	A6	M4 x P0,7	M5 x P0,8	M6 x P1,0	M8 x P1,25	M8 x P1,25	M10 x P1,5	M10 x P1,5	M10 x P1,5
B	B1	123	158	202	241	285,5	332,5	357,5	416,5
	B2	33	43	62	71	93,5	117,5	117,5	152,5
	B3	90	115	140	170	192	215	240	264
	B4	78	98	118	144	164	182	206	224
	B5	39	49	59	72	82	91	103	112
	B6	26	38	49	58	68	81,5	81,5	114,5
	B7	5	6	9	8	10	10	10	11,5
	B8	84	103	128	148	173	200	227	254
	B9	6,8	9	11	11	13,5	15	17,5	17,5
	B10	44	54	66	80	95	104	120	140
	B11	22	27	33	40	47,5	52	60	70
	B12	M6 x P1,0	M8 x P1,25	M10 x P1,5	M12 x P1,75	M12 x P1,75	M14 x P2,0	M16 x P2,0	M16 x P2,0
C	C1	130	160	188	222	242	261	286	320
	C2	65	80	94	111	121	130,5	143	160
	C3	60	80	100	120	138	146	166	196
	C4	-	-	-	-	12	14	14	18
	C5	-	-	-	-	51,3	58,8	63,8	74,4
	C6	20	25	30	40	48	55	60	70
	C7	28	34	44	52	60	65	73	83
	C8	6-M6	8-M6	8-M6	8-M8	8-M8	8-M8	8-M8	8-M10
	C9	9	14	18	23	27	32	38	42
Weight	kg	3,51	5,33	9,23	13,67	20,45	28,55	41,06	64,03

KHY-RM series

RATIO : 25, 50, 75, 100, 150 (2-Stage)s

Fitted with Planetary Reducer - Double Clamping

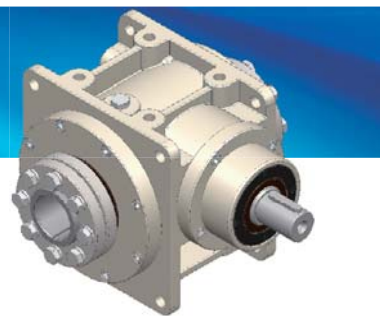


unit : mm

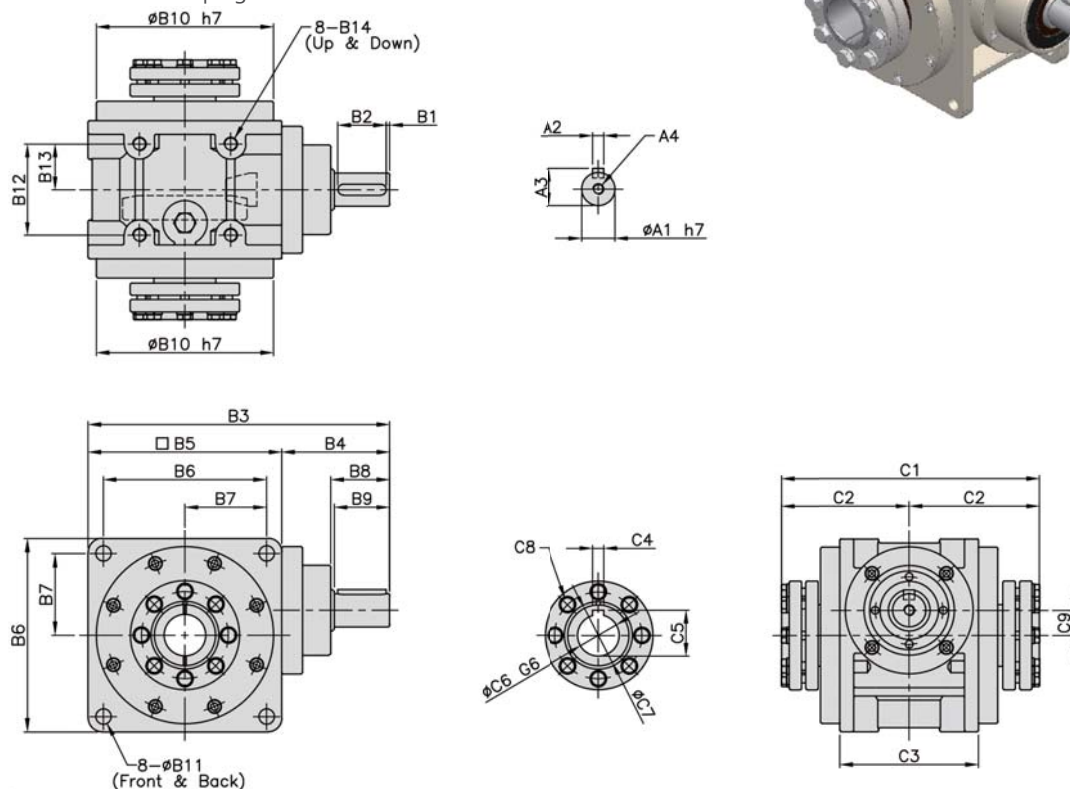
Code	Model	55	75	90	115	130	140	160	190
A	A1	8, 11	14	14, 19	19, 24	28, 32	32, 35	32, 35	38, 42, 48, 55
	A2	30, 40, 50	50, 60, 70	50, 70, 80, 95	70, 80, 95, 110	95, 110, 130	110, 130, 180	110, 130, 180	114, 130, 180, 230, 250
	A3	M3, M4, M5	M4, M5, M6	M5, M6	M5, M6, M8	M6, M8, M10	M8, M10, M12	M8, M10, M12	M12, M16
	A4	46, 60, 63	70, 75, 90	70, 90, 100, 115	90, 100, 115, 145	115, 145, 165	145, 165, 215	145, 165, 215	200, 215, 265, 300
	A5	46, 55	64, 70, 80	92, 110	92, 110, 130	122, 130, 150	146, 150, 190	146, 150, 190	182, 200, 250, 265
	A6	M4 x P0.7	M5 x P0.8	M5 x P0.8	M6 x P1.0	M8 x P1.25	M10 x P1.5	M10 x P1.5	M10 x P1.5
B	B1	157	201	236.5	286.5	340	404.5	429.5	507.5
	B2	67	86	96.5	116.5	148	189.5	189.5	243.5
	B3	90	115	140	170	192	215	240	264
	B4	78	98	118	144	164	182	206	224
	B5	39	49	59	72	82	91	103	112
	B6	26	32	45.5	59	67	84.5	84.5	114.5
	B7	5	6	10	9	10	10	10	11.5
	B8	84	103	128	148	173	200	227	254
	B9	6.8	9	11	11	13.5	15	17.5	17.5
	B10	44	54	66	80	95	104	120	140
	B11	22	27	33	40	47.5	52	60	70
	B12	M6 x P1.0	M8 x P1.25	M10 x P1.5	M12 x P1.75	M12 x P1.75	M14 x P2.0	M16 x P2.0	M16 x P2.0
C	C1	130	160	188	222	242	261	286	320
	C2	65	80	94	111	121	130.5	143	160
	C3	60	80	100	120	138	146	166	196
	C4	-	-	-	-	12	14	14	18
	C5	-	-	-	-	51.3	58.8	63.8	74.4
	C6	20	25	30	40	48	55	60	70
	C7	28	34	44	52	60	65	73	83
	C8	6-M6	8-M6	8-M6	8-M8	8-M8	8-M8	8-M8	8-M10
	C9	9	14	18	23	27	32	38	42
Weight	kg	4.09	6.56	11	17.36	29.08	43.1	55.61	90.69

KHY-DM series

RATIO : 5, 10, 15 (1-Stage)



Single Input Shaft - Double Clamping

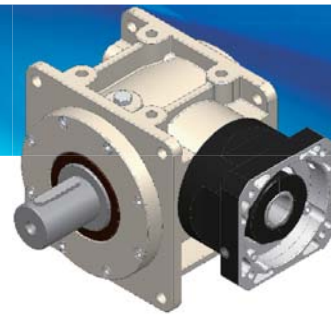


unit : mm

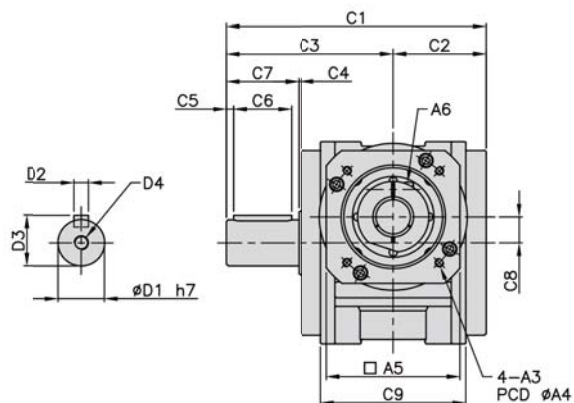
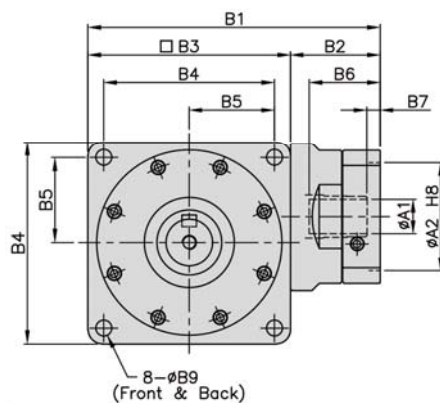
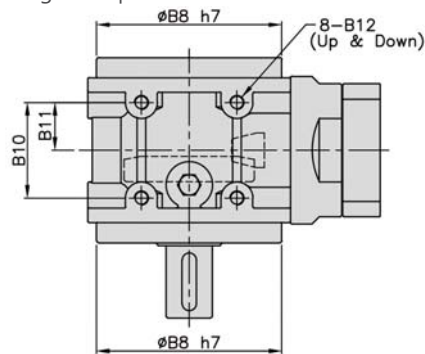
Model		55	75	90	115	130	140	160	190
Code									
A	A1	14	19	24	28	32	32	38	40
	A2	5	6	8	8	10	10	12	12
	A3	16	21,5	27	31	35	35	41	43
	A4	M5 x P0,8	M6 x P1,0	M8 x P1,25	M10 x P1,5	M10 x P1,5	M10 x P1,5	M12 x P1,75	M12 x P1,75
B	B1	2,5	2,5	2,5	2,5	5	5	5	5
	B2	20	25	35	35	40	40	50	50
	B3	147	180,5	218	260	293	315	367	402,5
	B4	57	65,5	78	90	101	100	127	138,5
	B5	90	115	140	170	192	215	240	264
	B6	78	98	118	144	164	182	206	224
	B7	39	49	59	72	82	91	103	112
	B8	27	32	42,5	42,5	52,5	51,5	62	63,5
	B9	25	30	40	40	50	50	60	60
	B10	84	103	128	148	173	200	227	254
	B11	6,8	9	11	11	13,5	15	17,5	17,5
	B12	44	54	66	80	95	104	120	140
	B13	22	27	33	40	47,5	52	60	70
	B14	M6 x P1,0	M8 x P1,25	M10 x P1,5	M12 x P1,75	M12 x P1,75	M14 x P2,0	M16 x P2,0	M16 x P2,0
C	C1	130	160	188	222	242	261	286	320
	C2	65	80	94	111	121	130,5	143	160
	C3	60	80	100	120	138	146	166	196
	C4	-	-	-	-	12	14	14	18
	C5	-	-	-	-	51,3	58,8	63,8	74,4
	C6	20	25	30	40	48	55	60	70
	C7	28	34	44	52	60	65	73	83
	C8	6-M6	8-M6	8-M6	8-M8	8-M8	8-M8	8-M8	8-M10
	C9	9	14	18	23	27	32	38	42
Weight	kg	3,37	5,27	8,92	11,9	20,67	29,68	41	60,7

KHY-FS series

RATIO : 5, 10, 15 (1-Stage)



Input Flange - Single Output Shaft



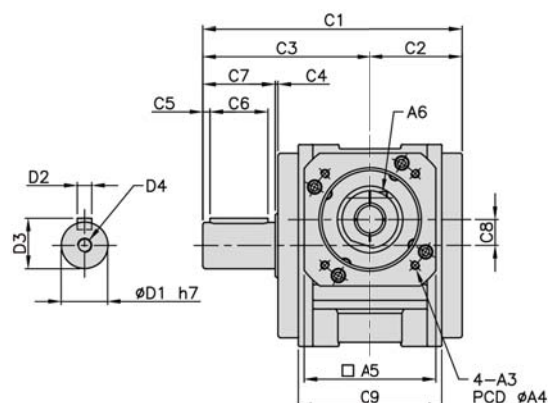
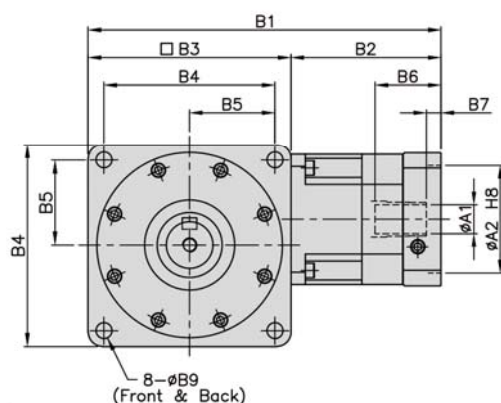
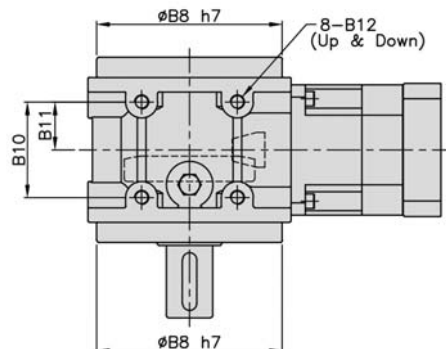
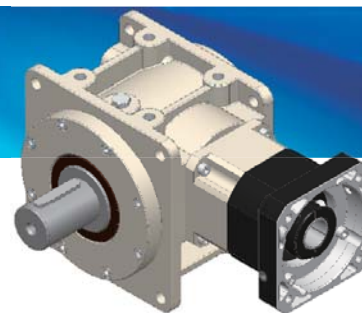
unit : mm

Code	Model	55	75	90	115	130	140	160	190
A	A1	8, 11	14	19	24	28, 32	35	35	42, 48, 55
	A2	30, 40, 50	50, 60, 70	50, 70, 80, 95	70, 80, 95, 110	95, 110, 130	110, 130, 180	110, 130, 180	114, 130, 180, 230, 250
	A3	M3, M4, M5	M4, M5, M6	M5, M6	M5, M6, M8	M6, M8, M10	M8, M10, M12	M8, M10, M12	M12, M16
	A4	46, 60, 63	70, 75, 90	70, 90, 100, 115	90, 100, 115, 145	115, 145, 165	145, 165, 215	145, 165, 215	200, 215, 265, 300
	A5	46, 55	64, 70, 80	92, 110	92, 110, 130	122, 130, 150	146, 150, 190	146, 150, 190	182, 200, 250, 265
	A6	M4 x P0.7	M5 x P0.8	M6 x P1.0	M8 x P1.25	M8 x P1.25	M10 x P1.5	M10 x P1.5	M10 x P1.5
B	B1	123	158	202	241	285,5	332,5	357,5	416,5
	B2	33	43	62	71	93,5	117,5	117,5	152,5
	B3	90	115	140	170	192	215	240	264
	B4	78	98	118	144	164	182	206	224
	B5	39	49	59	72	82	91	103	112
	B6	26	38	49	58	68	81,5	81,5	114,5
	B7	5	6	9	8	10	10	10	11,5
	B8	84	103	128	148	173	200	227	254
	B9	6,8	9	11	11	13,5	15	17,5	17,5
	B10	44	54	66	80	95	104	120	140
	B11	22	27	33	40	47,5	52	60	70
	B12	M6 x P1.0	M8 x P1.25	M10 x P1.5	M12 x P1.75	M12 x P1.75	M14 x P2.0	M16 x P2.0	M16 x P2.0
C	C1	121	146	180	214	245	275	310	350
	C2	42	52	64	76	84	91,5	104	119
	C3	79	94	116	138	161	183,5	206	231
	C4	2	2	2	2	2	2	2	2
	C5	5	5	5	5	5	5	5	5
	C6	25	30	40	50	65	80	90	100
	C7	35	40	50	60	75	90	100	110
	C8	9	14	18	23	27	32	38	42
	C9	60	80	100	120	138	146	166	196
D	D1	20	24	32	40	48	55	60	70
	D2	6	8	10	10	12	14	14	16
	D3	22,5	27	35	43	51	58,5	63,5	74
	D4	M6 x P1.0	M8 x P1.25	M10 x P1.5	M10 x P1.5	M12 x P1.75	M16 x P2.0	M20 x P2.5	M20 x P2.5
Weight	kg	3,19	5,03	9,08	13,99	20,99	30,61	42,83	67,93

KHY-RS series

RATIO : 25, 50, 75, 100, 150 (2-Stage)

Fitted with Planetary Reducer - Single Output Shaft

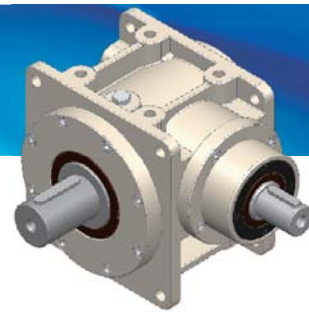


unit : mm

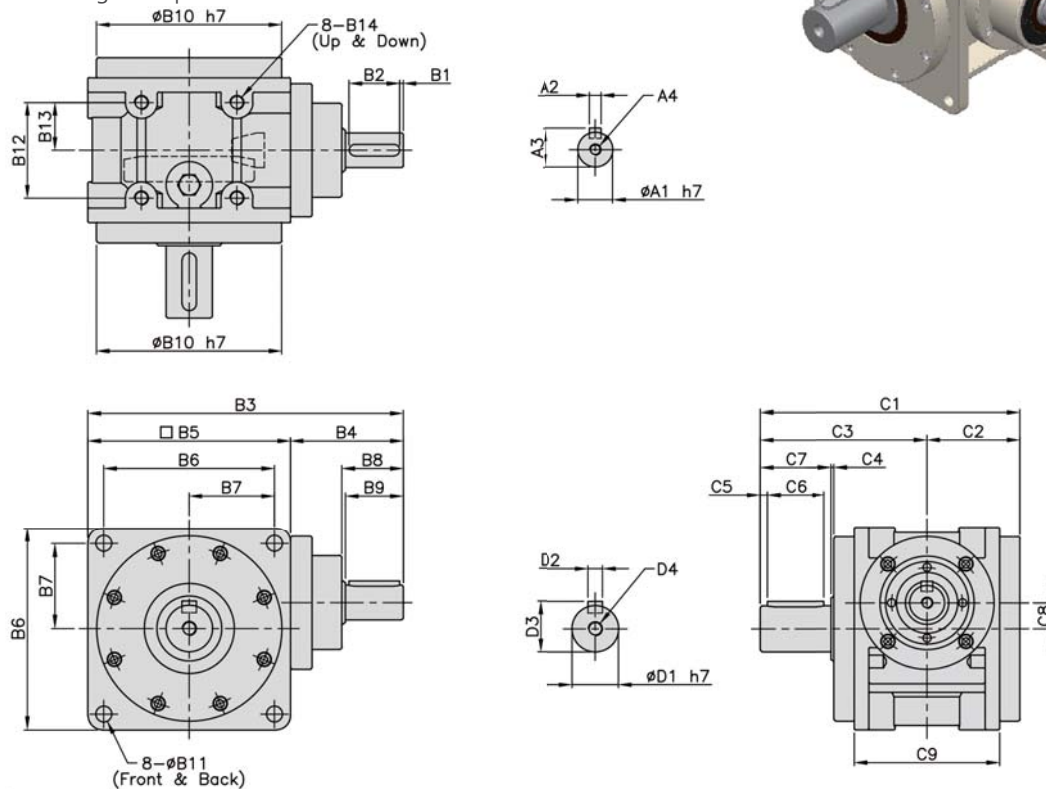
Model		55	75	90	115	130	140	160	190
Code									
A	A1	8, 11	14	14, 19	19, 24	28, 32	32, 35	32, 35	38, 42, 48, 55
	A2	30, 40, 50	50, 60, 70	50, 70, 80, 95	70, 80, 95, 110	95, 110, 130	110, 130, 180	110, 130, 180	114.3, 180, 230, 250
	A3	M3, M4, M5	M4, M5, M6	M5, M6	M5, M6, M8	M6, M8, M10	M8, M10, M12	M8, M10, M12	M12, M16
	A4	46, 60, 63	70, 75, 90	70, 90, 100, 115	90, 100, 115, 145	115, 145, 165	145, 165, 215	145, 165, 215	200, 215, 265, 300
	A5	46, 55	64, 70, 80	92, 110	92, 110, 130	122, 130, 150	146, 150, 190	146, 150, 190	182, 200, 250, 265
	A6	M4 x P0.7	M5 x P0.8	M5 x P0.8	M6 x P1.0	M8 x P1.25	M10 x P1.5	M10 x P1.5	M10 x P1.5
B	B1	157	201	236.5	286.5	340	404.5	429.5	507.5
	B2	67	86	96.5	116.5	148	189.5	189.5	243.5
	B3	90	115	140	170	192	215	240	264
	B4	78	98	118	144	164	182	206	224
	B5	39	49	59	72	82	91	103	112
	B6	26	32	45.5	59	67	84.5	84.5	114.5
	B7	5	6	10	9	10	10	10	11.5
	B8	84	103	128	148	173	200	227	254
	B9	6.8	9	11	11	13.5	15	17.5	17.5
	B10	44	54	66	80	95	104	120	140
	B11	22	27	33	40	47.5	52	60	70
	B12	M6 x P1.0	M8 x P1.25	M10 x P1.5	M12 x P1.75	M12 x P1.75	M14 x P2.0	M16 x P2.0	M16 x P2.0
C	C1	121	146	180	214	245	275	310	350
	C2	42	52	64	76	84	91.5	104	119
	C3	79	94	116	138	161	183.5	206	231
	C4	2	2	2	2	2	2	2	2
	C5	5	5	5	5	5	5	5	5
	C6	25	30	40	50	65	80	90	100
	C7	35	40	50	60	75	90	100	110
	C8	9	14	18	23	27	32	38	42
	C9	60	80	100	120	138	146	166	196
D	D1	20	24	32	40	48	55	60	70
	D2	6	8	10	10	12	14	14	16
	D3	22.5	27	35	43	51	58.5	63.5	74
	D4	M6 x P1.0	M8 x P1.25	M10 x P1.5	M10 x P1.5	M12 x P1.75	M16 x P2.0	M20 x P2.5	M20 x P2.5
Weight	kg	3.77	6.26	10.85	17.68	29.62	45.16	57.38	94.59

KHY-DS series

RATIO : 5, 10, 15 (1-Stage)



Single Input Shaft - Single Output Shaft

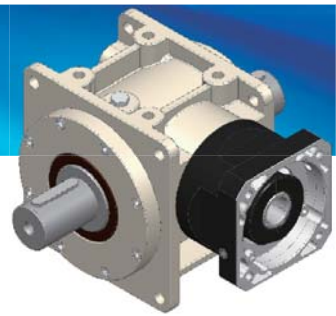


unit : mm

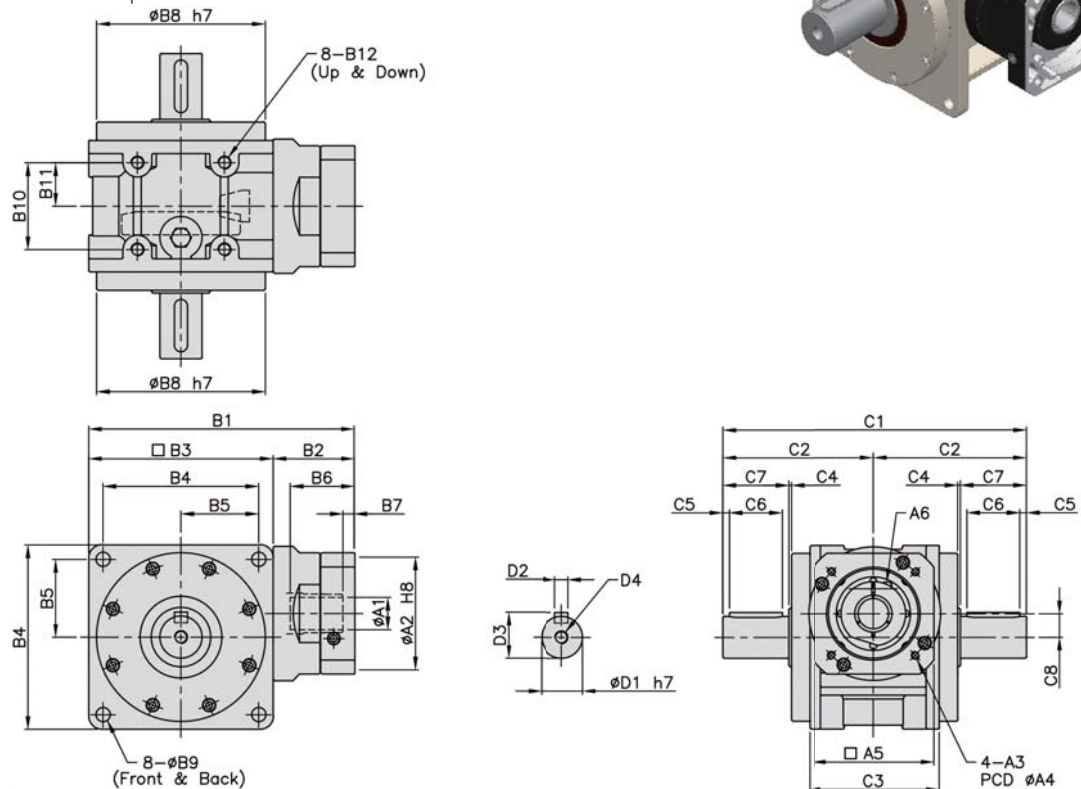
Code	Model	55	75	90	115	130	140	160	190
A	A1	14	19	24	28	32	32	38	40
	A2	5	6	8	8	10	10	12	12
	A3	16	21,5	27	31	35	35	41	43
	A4	M5 x P0,8	M6 x P1,0	M8 x P1,25	M10 x P1,5	M10 x P1,5	M10 x P1,5	M12 x P1,75	M12 x P1,75
B	B1	2,5	2,5	2,5	2,5	5	5	5	5
	B2	20	25	35	35	40	40	50	50
	B3	147	180,5	218	260	293	315	367	402,5
	B4	57	65,5	78	90	101	100	127	138,5
	B5	90	115	140	170	192	215	240	264
	B6	78	98	118	144	164	182	206	224
	B7	39	49	59	72	82	91	103	112
	B8	27	32	42,5	42,5	52,5	51,5	62	63,5
	B9	25	30	40	40	50	50	60	60
	B10	84	103	128	148	173	200	227	254
	B11	6,8	9	11	11	13,5	15	17,5	17,5
	B12	44	54	66	80	95	104	120	140
	B13	22	27	33	40	47,5	52	60	70
	B14	M6 x P1,0	M8 x P1,25	M10 x P1,5	M12 x P1,75	M12 x P1,75	M14 x P2,0	M16 x P2,0	M16 x P2,0
C	C1	121	146	180	214	245	275	310	350
	C2	42	52	64	76	84	91,5	104	119
	C3	79	94	116	138	161	183,5	206	231
	C4	2	2	2	2	2	2	2	2
	C5	5	5	5	5	5	5	5	5
	C6	25	30	40	50	65	80	90	100
	C7	35	40	50	60	75	90	100	110
	C8	9	14	18	23	27	32	38	42
	C9	60	80	100	120	138	146	166	196
D	D1	20	24	32	40	48	55	60	70
	D2	6	8	10	10	12	14	14	16
	D3	22,5	27	35	43	51	58,5	63,5	74
	D4	M6 x P1,0	M8 x P1,25	M10 x P1,5	M10 x P1,5	M12 x P1,75	M16 x P2,0	M20 x P2,5	M20 x P2,5
Weight	kg	2,94	5,03	8,67	12,03	21,14	32,84	42,02	64,58

KHY-FV series

RATIO : 5, 10, 15 (1-Stage)



Input Flange - Double Output Shaft



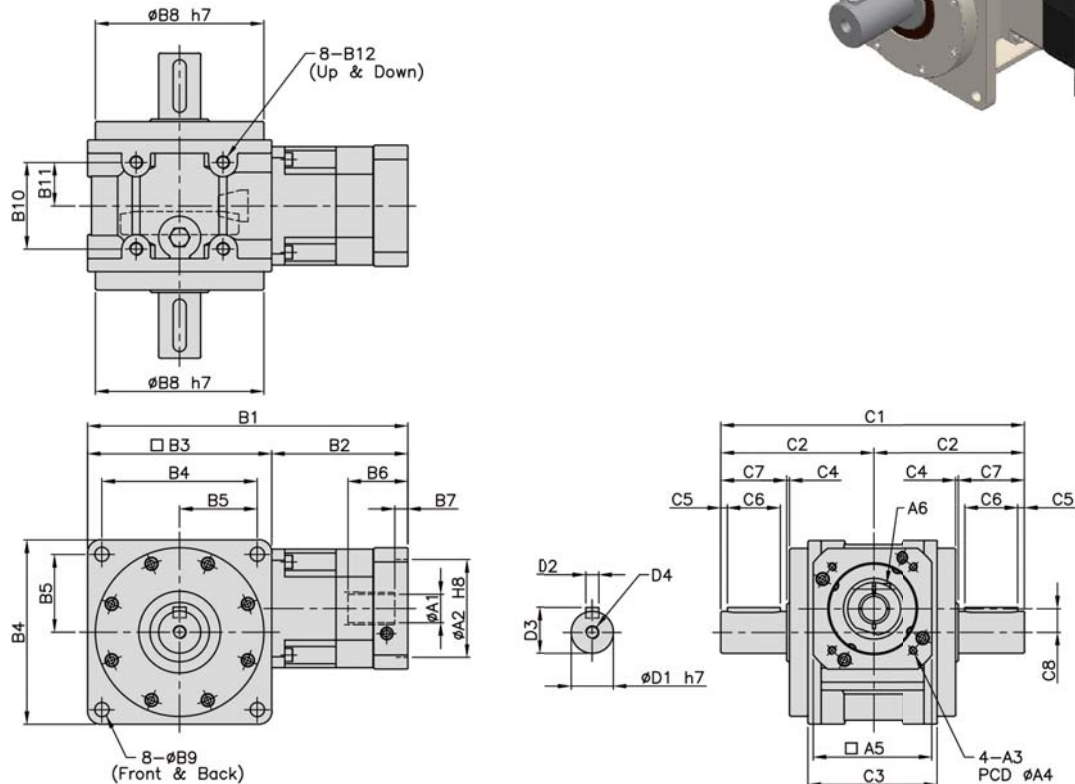
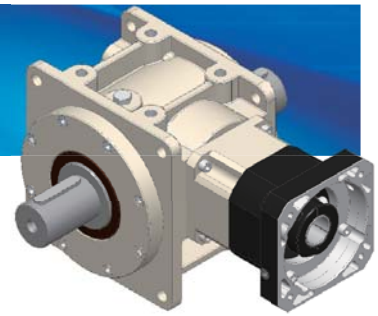
unit : mm

Model		55	75	90	115	130	140	160	190
Code									
A	A1	8, 11	14	19	24	28, 32	35	35	42, 48, 55
	A2	30, 40, 50	50, 60, 70	50, 70, 80, 95	70, 80, 95, 110	95, 110, 130	110, 130, 180	110, 130, 180	114.3, 180, 230, 250
	A3	M3, M4, M5	M4, M5, M6	M5, M6	M5, M6, M8	M6, M8, M10	M8, M10, M12	M8, M10, M12	M12, M16
	A4	46, 60, 63	70, 75, 90	70, 90, 100, 115	90, 100, 115, 145	115, 145, 165	145, 165, 215	145, 165, 215	200, 215, 265, 300
	A5	46, 55	64, 70, 80	92, 110	92, 110, 130	122, 130, 150	146, 150, 190	146, 150, 190	182, 200, 250, 265
	A6	M4 x P0.7	M5 x P0.8	M6 x P1.0	M8 x P1.25	M8 x P1.25	M10 x P1.5	M10 x P1.5	M10 x P1.5
B	B1	123	158	202	241	285.5	332.5	357.5	416.5
	B2	33	43	62	71	93.5	117.5	117.5	152.5
	B3	90	115	140	170	192	215	240	264
	B4	78	98	118	144	164	182	206	224
	B5	39	49	59	72	82	91	103	112
	B6	26	38	49	58	68	81.5	81.5	114.5
	B7	5	6	9	8	10	10	10	11.5
	B8	84	103	128	148	173	200	227	254
	B9	6.8	9	11	11	13.5	15	17.5	17.5
	B10	44	54	66	80	95	104	120	140
	B11	22	27	33	40	47.5	52	60	70
	B12	M6 x P1.0	M8 x P1.25	M10 x P1.5	M12 x P1.75	M12 x P1.75	M14 x P2.0	M16 x P2.0	M16 x P2.0
C	C1	158	188	232	276	322	367	412	462
	C2	79	94	116	138	161	183.5	206	231
	C3	60	80	100	120	138	146	166	196
	C4	2	2	2	2	2	2	2	2
	C5	5	5	5	5	5	5	5	5
	C6	25	30	40	50	65	80	90	100
	C7	35	40	50	60	75	90	100	110
	C8	9	14	18	23	27	32	38	42
D	D1	20	24	32	40	48	55	60	70
	D2	6	8	10	10	12	14	14	16
	D3	22.5	27	35	43	51	58.5	63.5	74
	D4	M6 x P1.0	M8 x P1.25	M10 x P1.5	M10 x P1.5	M12 x P1.75	M16 x P2.0	M20 x P2.5	M20 x P2.5
Weight	kg	3,38	5,38	9,71	15,25	23,05	34,72	47,07	73,96

KHY-RV series

RATIO : 25, 50, 75, 100, 150 (2-Stage)

Fitted with Planetary Reducer - Double Output Shaft

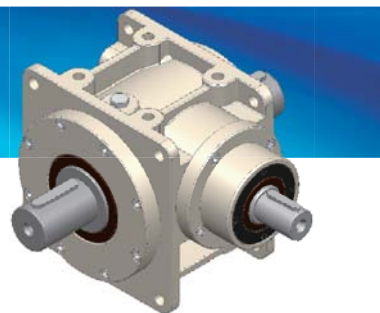


unit : mm

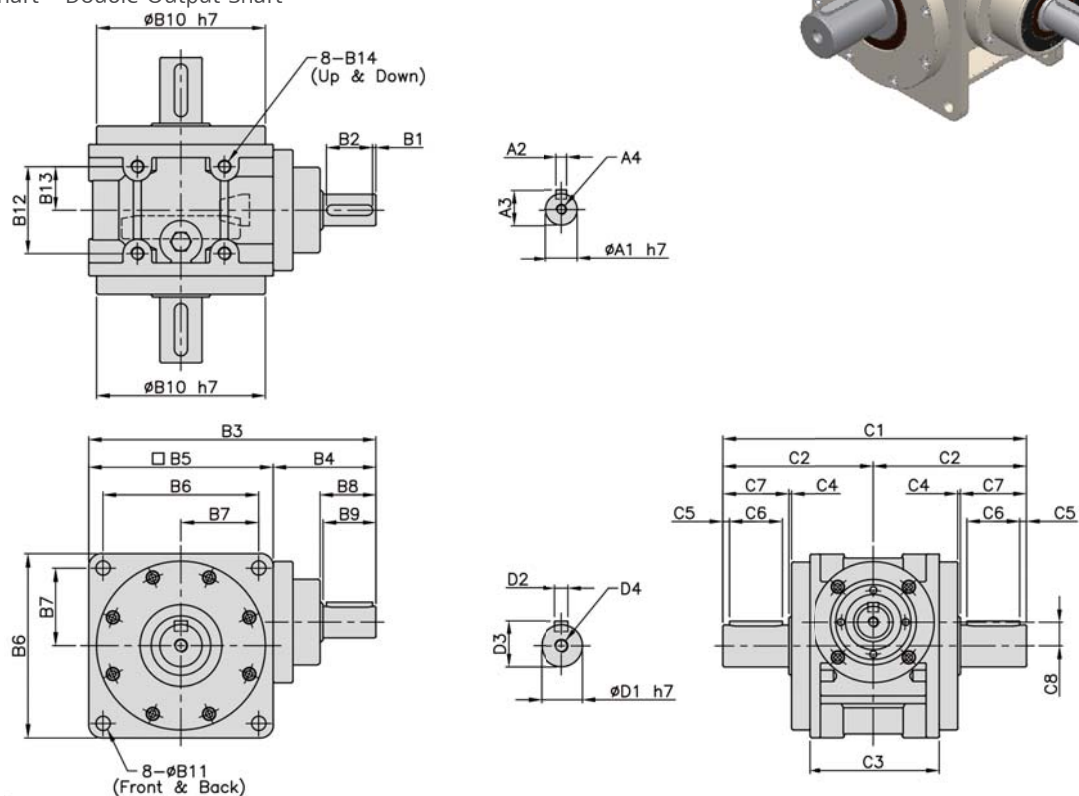
Code	Model	55	75	90	115	130	140	160	190
A	A1	8, 11	14	14, 19	19, 24	28, 32	32, 35	32, 35	38, 42, 48, 55
	A2	30, 40, 50	50, 60, 70	50, 70, 80, 95	70, 80, 95, 110	95, 110, 130	110, 130, 180	110, 130, 180	114.3, 180, 230, 250
	A3	M3, M4, M5	M4, M5, M6	M5, M6	M5, M6, M8	M6, M8, M10	M8, M10, M12	M8, M10, M12	M12, M16
	A4	46, 60, 63	70, 75, 90	70, 90, 100, 115	90, 100, 115, 145	115, 145, 165	145, 165, 215	145, 165, 215	200, 215, 265, 300
	A5	46, 55	64, 70, 80	92, 110	92, 110, 130	122, 130, 150	146, 150, 190	146, 150, 190	182, 200, 250, 265
	A6	M4 x P0.7	M5 x P0.8	M5 x P0.8	M6 x P1.0	M8 x P1.25	M10 x P1.5	M10 x P1.5	M10 x P1.5
B	B1	157	201	236.5	286.5	340	404.5	429.5	507.5
	B2	67	86	96.5	116.5	148	189.5	189.5	243.5
	B3	90	115	140	170	192	215	240	264
	B4	78	98	118	144	164	182	206	224
	B5	39	49	59	72	82	91	103	112
	B6	26	32	45.5	59	67	84.5	84.5	114.5
	B7	5	6	10	9	10	10	10	11.5
	B8	84	103	128	148	173	200	227	254
	B9	6.8	9	11	11	13.5	15	17.5	17.5
	B10	44	54	66	80	95	104	120	140
	B11	22	27	33	40	47.5	52	60	70
	B12	M6 x P1.0	M8 x P1.25	M10 x P1.5	M12 x P1.75	M12 x P1.75	M14 x P2.0	M16 x P2.0	M16 x P2.0
C	C1	158	188	232	276	322	367	412	462
	C2	79	94	116	138	161	183.5	206	231
	C3	60	80	100	120	138	146	166	196
	C4	2	2	2	2	2	2	2	2
	C5	5	5	5	5	5	5	5	5
	C6	25	30	40	50	65	80	90	100
	C7	35	40	50	60	75	90	100	110
	C8	9	14	18	23	27	32	38	42
D	D1	20	24	32	40	48	55	60	70
	D2	6	8	10	10	12	14	14	16
	D3	22.5	27	35	43	51	58.5	63.5	74
	D4	M6 x P1.0	M8 x P1.25	M10 x P1.5	M10 x P1.5	M12 x P1.75	M16 x P2.0	M20 x P2.5	M20 x P2.5
Weight	kg	3.96	6.61	11.48	18.94	31.68	41.16	61.62	100.62

KHY-DV series

RATIO : 5, 10, 15 (1-Stage)



Single Input Shaft - Double Output Shaft



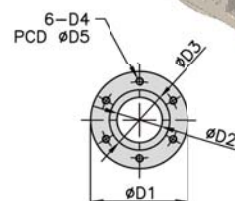
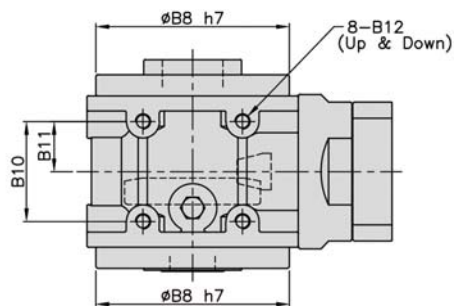
unit : mm

Model		55	75	90	115	130	140	160	190
Code									
A	A1	14	19	24	28	32	32	38	40
	A2	5	6	8	8	10	10	12	12
	A3	16	21,5	27	31	35	35	41	43
	A4	M5 x P0,8	M6 x P1,0	M8 x P1,25	M10 x P1,5	M10 x P1,5	M10 x P1,5	M12 x P1,75	M12 x P1,75
B	B1	2,5	2,5	2,5	2,5	5	5	5	5
	B2	20	25	35	35	40	40	50	50
	B3	147	180,5	218	260	293	315	367	402,5
	B4	57	65,5	78	90	101	100	127	138,5
	B5	90	115	140	170	192	215	240	264
	B6	78	98	118	144	164	182	206	224
	B7	39	49	59	72	82	91	103	112
	B8	27	32	42,5	42,5	52,5	51,5	62	63,5
	B9	25	30	40	40	50	50	60	60
	B10	84	103	128	148	173	200	227	254
	B11	6,8	9	11	11	13,5	15	17,5	17,5
	B12	44	54	66	80	95	104	120	140
	B13	22	27	33	40	47,5	52	60	70
	B14	M6 x P1,0	M8 x P1,25	M10 x P1,5	M12 x P1,75	M12 x P1,75	M14 x P2,0	M16 x P2,0	M16 x P2,0
C	C1	158	188	232	276	322	367	412	462
	C2	79	94	116	138	161	183,5	206	231
	C3	60	80	100	120	138	146	166	196
	C4	2	2	2	2	2	2	2	2
	C5	5	5	5	5	5	5	5	5
	C6	25	30	40	50	65	80	90	100
	C7	35	40	50	60	75	90	100	110
	C8	9	14	18	23	27	32	38	42
D	D1	20	24	32	40	48	55	60	70
	D2	6	8	10	10	12	14	14	16
	D3	22,5	27	35	43	51	58,5	63,5	74
	D4	M6 x P1,0	M8 x P1,25	M10 x P1,5	M10 x P1,5	M12 x P1,75	M16 x P2,0	M20 x P2,5	M20 x P2,5
Weight	kg	3,13	5,32	9,2	14,7	23,62	37,65	47,81	70,55

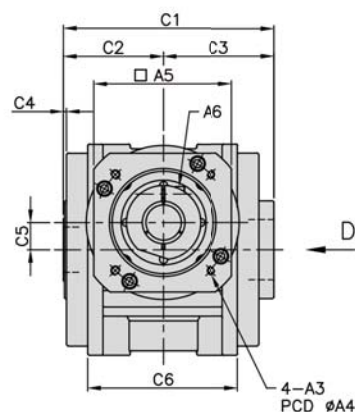
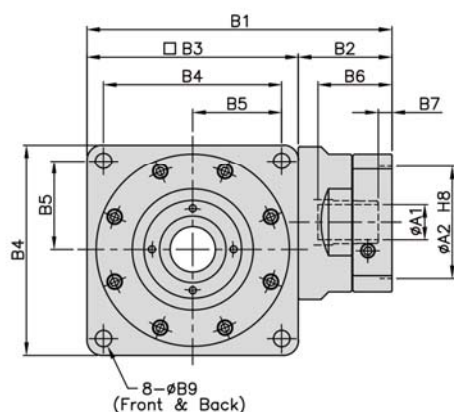
KHY-FP series

RATIO : 5, 10, 15 (1-Stage)

Input Flange - Flange



D-VIEW



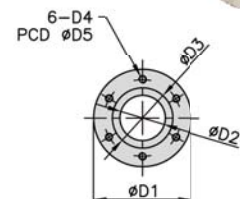
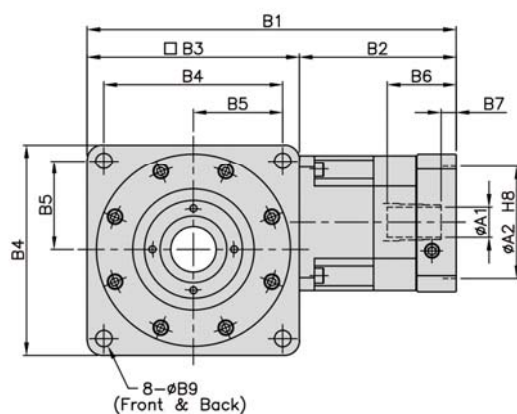
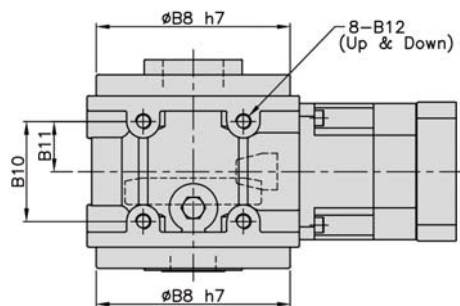
unit : mm

Code	Model	75	90	115	130	140	160	190
A	A1	14	19	24	28, 32	35	35	42, 48, 55
	A2	50, 60, 70	50, 70, 80, 95	70, 80, 95, 110	95, 110, 130	110, 130, 180	110, 130, 180	114.3, 180, 230, 250
	A3	M4, M5, M6	M5, M6	M5, M6, M8	M6, M8, M10	M8, M10, M12	M8, M10, M12	M12, M16
	A4	70, 75, 90	70, 90, 100, 115	90, 100, 115, 145	115, 145, 165	145, 165, 215	145, 165, 215	200, 215, 265, 300
	A5	64, 70, 80	92, 110	92, 110, 130	122, 130, 150	146, 150, 190	146, 150, 190	182, 200, 250, 265
	A6	M5 x P0.8	M6 x P1.0	M8 x P1.25	M8 x P1.25	M10 x P1.5	M10 x P1.5	M10 x P1.5
B	B1	158	202	241	285.5	332.5	357.5	416.5
	B2	43	62	71	93.5	117.5	117.5	152.5
	B3	115	140	170	192	215	240	264
	B4	98	118	144	164	182	206	224
	B5	49	59	72	82	91	103	112
	B6	38	49	58	68	81.5	81.5	114.5
	B7	6	9	8	10	10	10	11.5
	B8	103	128	148	173	200	227	254
	B9	9	11	11	13.5	15	17.5	17.5
	B10	54	66	80	95	104	120	140
	B11	27	33	40	47.5	52	60	70
	B12	M8 x P1.25	M10 x P1.5	M12 x P1.75	M12 x P1.75	M14 x P2.0	M16 x P2.0	M16 x P2.0
C	C1	125	140	177	193	205	230	260
	C2	58	66	78.5	87	94	108	123
	C3	67	74	98.5	106	111	122	137
	C4	3.25	2	2.5	2	2.5	3.5	4
	C5	14	18	23	27	32	38	42
	C6	80	100	120	138	146	166	196
D	D1	54.7	64.7	89.7	89.7	99.7	117.7	129.7
	D2	22	30	38	40	44	54	65
	D3	34	40	58	58	64	75	90
	D4	M5 x P0.8	M5 x P0.8	M10 x P1.5	M10 x P1.5	M10 x P1.5	M12 x P1.75	M12 x P1.75
	D5	45	51	77	77	84	97	112
Weight	kg	4.29	8.3	12.72	18.67	26.91	37.93	58.85

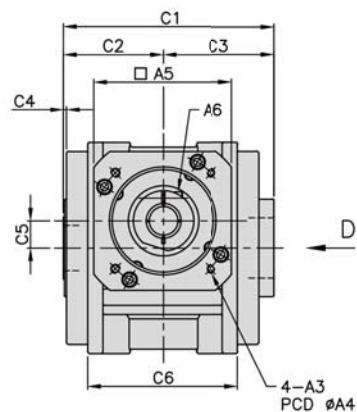
KHY-RP series

RATIO : 25, 50, 75, 100, 150 (2-Stage)

Fitted with Planetary Reducer - Flange



D-VIEW



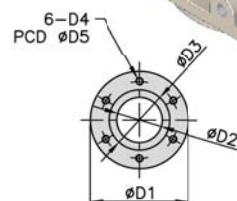
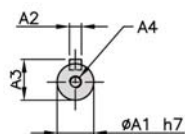
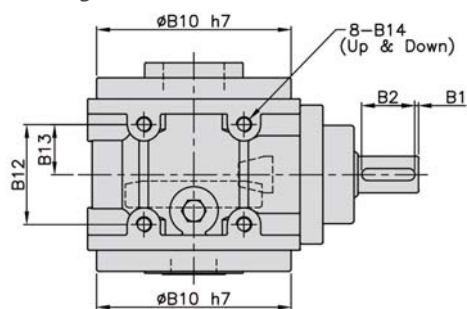
unit : mm

Model		75	90	115	130	140	160	190
Code								
A	A1	14	14, 19	19, 24	28, 32	32, 35	32, 35	38, 42, 48, 55
	A2	50, 60, 70	50, 70, 80, 95	70, 80, 95, 110	95, 110, 130	110, 130, 180	110, 130, 180	114.3, 180, 230, 250
	A3	M4, M5, M6	M5, M6	M5, M6, M8	M6, M8, M10	M8, M10, M12	M8, M10, M12	M12, M16
	A4	70, 75, 90	70, 90, 100, 115	90, 100, 115, 145	115, 145, 165	145, 165, 215	145, 165, 215	200, 215, 265, 300
	A5	64, 70, 80	92, 110	92, 110, 130	122, 130, 150	146, 150, 190	146, 150, 190	182, 200, 250, 265
	A6	M5 x P0.8	M5 x P0.8	M6 x P1.0	M8 x P1.25	M10 x P1.5	M10 x P1.5	M10 x P1.5
B	B1	201	236.5	286.5	340	404.5	429.5	507.5
	B2	86	96.5	116.5	148	189.5	189.5	243.5
	B3	115	140	170	192	215	240	264
	B4	98	118	144	164	182	206	224
	B5	49	59	72	82	91	103	112
	B6	32	45.5	59	67	84.5	84.5	114.5
	B7	6	10	9	10	10	10	11.5
	B8	103	128	148	173	200	227	254
	B9	9	11	11	13.5	15	17.5	17.5
	B10	54	66	80	95	104	120	140
	B11	27	33	40	47.5	52	60	70
	B12	M8 x P1.25	M10 x P1.5	M12 x P1.75	M12 x P1.75	M14 x P2.0	M16 x P2.0	M16 x P2.0
C	C1	125	140	177	193	205	230	260
	C2	58	66	78.5	87	94	108	123
	C3	67	74	98.5	106	111	122	137
	C4	3.25	2	2.5	2	2.5	3.5	4
	C5	14	18	23	27	32	38	42
	C6	80	100	120	138	146	166	196
D	D1	54.7	64.7	89.7	89.7	99.7	117.7	129.7
	D2	22	30	38	40	44	54	65
	D3	34	40	58	58	64	75	90
	D4	M5 x P0.8	M5 x P0.8	M10 x P1.5	M10 x P1.5	M10 x P1.5	M12 x P1.75	M12 x P1.75
	D5	45	51	77	77	84	97	112
Weight	kg	5.52	10.07	16.42	27.3	41.45	52.48	85.52

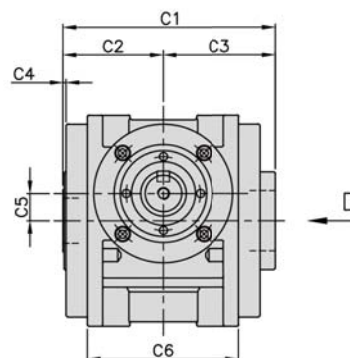
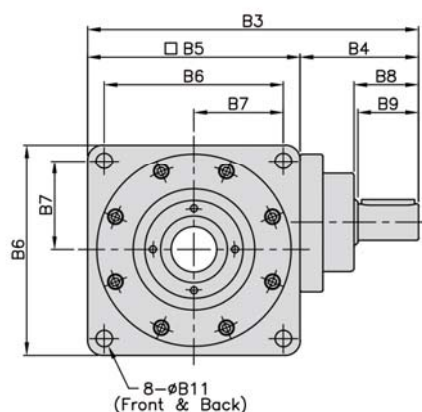
KHY-DP series

RATIO : 5, 10, 15 (1-Stage)

Single Input Shaft - Flange



D-VIEW



unit : mm

Code	Model	75	90	115	130	140	160	190
A	A1	19	24	28	32	32	38	40
	A2	6	8	8	10	10	12	12
	A3	21,5	27	31	35	35	41	43
	A4	M6 x P1,0	M8 x P1,25	M10 x P1,5	M10 x P1,5	M10 x P1,5	M12 x P1,75	M12 x P1,75
B	B1	2,5	2,5	2,5	5	5	5	5
	B2	25	35	35	40	40	50	50
	B3	180,5	218	260	293	315	367	402,5
	B4	65,5	78	90	101	100	127	138,5
	B5	115	140	170	192	215	240	264
	B6	98	118	144	164	182	206	224
	B7	49	59	72	82	91	103	112
	B8	32	42,5	42,5	52,5	51,5	62	63,5
	B9	30	40	40	50	50	60	60
	B10	103	128	148	173	200	227	254
	B11	9	11	11	13,5	15	17,5	17,5
	B12	54	66	80	95	104	120	140
	B13	27	33	40	47,5	52	60	70
	B14	M8 x P1,25	M10 x P1,5	M12 x P1,75	M12 x P1,75	M14 x P2,0	M16 x P2,0	M16 x P2,0
C	C1	125	140	177	193	205	230	260
	C2	58	66	78,5	87	94	108	123
	C3	67	74	98,5	106	111	122	137
	C4	3,25	2	2,5	2	2,5	3,5	4
	C5	14	18	23	27	32	38	42
	C6	80	100	120	138	146	166	196
D	D1	54,7	64,7	89,7	89,7	99,7	117,7	129,7
	D2	22	30	38	40	44	54	65
	D3	34	40	58	58	64	75	90
	D4	M5 x P0,8	M5 x P0,8	M10 x P1,5	M10 x P1,5	M10 x P1,5	M12 x P1,75	M12 x P1,75
	D5	45	51	77	77	84	97	112
Weight	kg	4,23	7,79	12,18	19,24	29,55	38,67	55,45