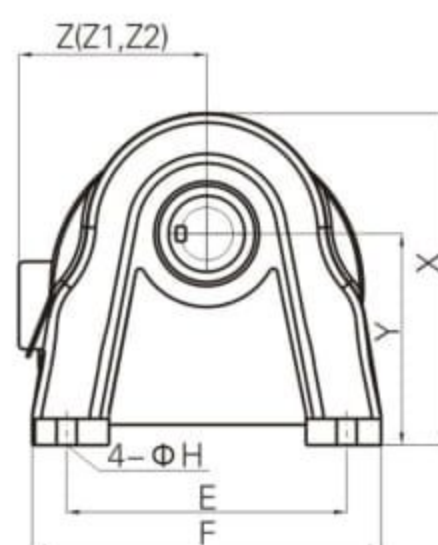
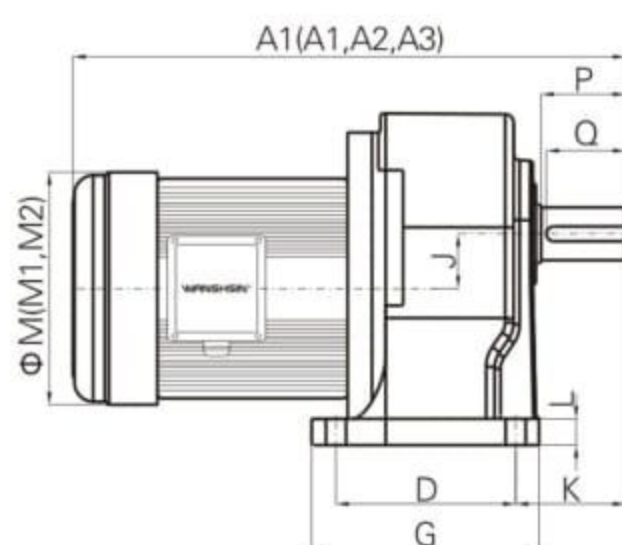


HP-4P	GEAR RATIO	CODE	TYPE	A1	A2	A3	D	E	F	G	H	L	J	K	M1	M2	X	Y	Z1	Z2	KG
100W 1/8HP	3-50	1#	18	253	273	257	40	110	135	65	9	10	16	45	127	127	132	88.5	116	116	5.3
	60-200	2#	22	287	307	291	65	130	163	90	11	15	18.2	56	127	127	152	97.5	116	116	6.9
200W 1/4HP	3-10	1#	18	273	293	277	40	110	135	65	9	10	16	45	127	127	132	88.5	116	116	6.7
	15-90	2#	22	307	327	311	65	130	163	90	11	15	18.2	56	127	127	152	97.5	116	116	8.6
	100-200	3#	28	333	353	337	90	140	180	122	11	15	20.8	65	127	127	180	116	116	116	11
400W 1/2HP	3-10	2#	22	327	346	331	65	130	163	90	11	15	18.2	56	127	159	152	97.5	116	133	11
	15-90	3#	28	353	372	357	90	140	180	122	11	15	20.8	65	127	159	180	116	116	133	14
	100-200	4#	32	388	407	392	130	170	215	160	13	25	30.2	76	127	159	210	138.5	116	133	19.6
750W 1HP	3-25	3#	28	382	415	382	90	140	180	122	11	15	20.8	65	159	190	180	116	133	145	15
	30-120	4#	32	417	449	417	130	170	215	160	13	25	30.2	76	159	190	210	138.5	133	145	21.6
	130-200	5#	40	444	476	444	150	210	260	185	15	25	42.2	85	159	190	248	160	133	145	42
1500W 2HP	4-25	4#	32	449		470	130	170	215	160	13	25	30.2	76	190		210	138.5	145		27.6
	30-120	5#	40	476		497	150	210	260	185	15	25	42.2	85	190		248	160	145		47
	130-200	6#	50	517		538	170	265	330	220	19	30	51.7	104	190		315	200	145		52
2200W 3HP	3-60	5#	40	482		508	150	210	260	185	15	25	42.2	85	217		248	160	153		48
	70-200	6#	50	523		549	170	265	330	220	19	30	51.7	104	217		315	200	153		55
3700W 5HP	3-10	5#	40	498		524	150	210	260	185	15	25	42.2	85	217		248	160	153		50
	15-180	6#	50	539		565	170	265	330	220	19	30	51.7	104	217		315	200	153		57
5500W 7.5HP	5-10	8#	45	545		585	200	250	310	235	15	30	42.2	93	250		265	175	178		78
	11-30	8#	50	579		619	170	265	330	220	19	30	51.7	104	250		315	200	178		88
	31-60	8#	50	579		619	170	265	330	220	19	30	51.7	104	250		315	200	178		90
	61-100	8#	60	589		629	170	265	330	220	19	30	51.7	115	250		315	200	178		93
7500W 10HP	5-10	8#	50	619		659	170	265	330	220	19	30	51.7	104	250		315	200	178		99
	11-30	8#	60	629		669	170	265	330	220	19	30	51.7	115	250		315	200	178		103
	31-60	8#	60	629		669	170	265	330	220	19	30	51.7	115	250		315	200	178		110

OUTPUT SHAFT	SHAFT		KEYWAY			KEY
	Sh6	P	W	T	Q	SPEC
	Φ18	30	5	20	25	5 × 5 × 25
	Φ22	40	7	25	35	7 × 7 × 35
	Φ28	45	7	31	40	7 × 7 × 40
	Φ32	55	10	35.5	50	10 × 8 × 50
	Φ40	65	10	43.5	60	10 × 8 × 60
	Φ45	75	12	48.5	70	12 × 8 × 70
	Φ50	80	14	54	75	14 × 9 × 75
	Φ60	90	15	63.5	85	15 × 10 × 85



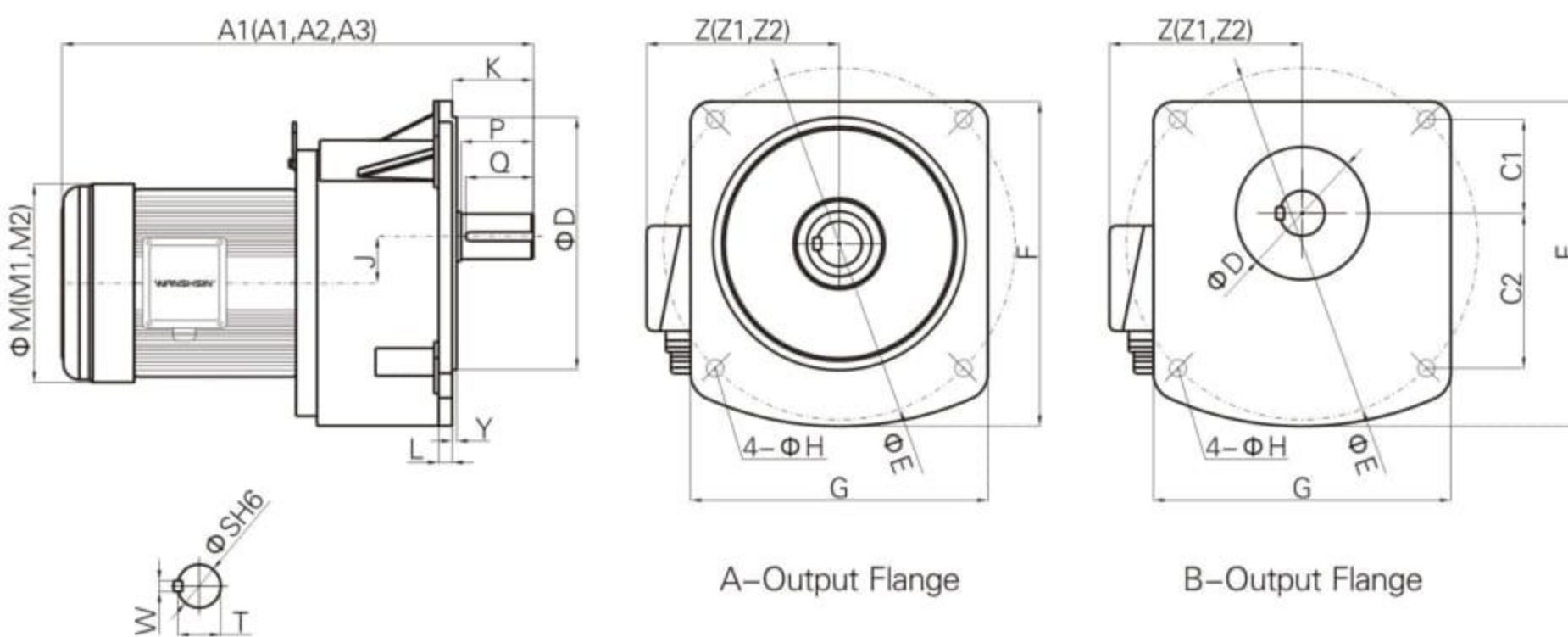
- A1、M1、Z1 are the sizes of three-phase motors.
- A2、M2、Z2 are the sizes of single-phase motors.
- A3 is the size of three-phase motors with brakes.

HP-4P	GEAR RATIO	CODE	TYPE	A1	A2	A3	D	E	F	G	H	L	J	K	M1	M2	Y	Z1	Z2	KG
100W 1/8HP	3-50	1#	*18	253	273	257	50	140	120	120	9	12	16	38	127	127	5	116	116	5.3
	60-200	2#	22	287	307	291	148	185	170	156	11	12	18.2	49	127	127	3.5	116	116	6.9
	60-200	2#	*22	287	307	291	55	170	146	146	11	12	18.2	49	127	127	3.5	116	116	6.7
200W 1/4HP	3-10	1#	*18	273	293	277	50	140	120	120	9	12	16	38	127	127	5	116	116	6.9
	15-90	2#	22	307	327	331	148	185	170	156	11	12	18.2	49	127	127	3.5	116	116	8.6
	15-90	2#	*22	307	327	311	55	170	146	146	11	12	18.2	49	127	127	3.5	116	116	8.6
	100-200	3#	28	333	353	337	170	220	195	180	11	15	20.8	57	127	127	4	116	116	11
400W 1/2HP	3-10	2#	22	327	346	331	148	185	170	156	11	12	18.2	49	127	159	3.5	116	133	11
	3-10	2#	*22	327	346	331	55	170	146	146	11	12	18.2	49	127	127	3.5	116	133	11
	15-90	3#	28	353	372	357	170	220	195	180	11	15	20.8	57	127	159	4	116	133	14
	100-200	4#	32	388	407	392	185	255	237	215	13	17	30.2	67	127	159	4	116	133	19.4
750W 1HP	3-25	3#	28	382	415	382	170	220	195	180	11	15	20.8	57	159	190	4	133	145	15
	30-120	4#	32	417	449	417	185	255	237	215	13	17	30.2	67	159	190	4	133	145	21.4
	130-200	5#	40	444	476	444	230	310	300	275	15	20	42.2	79	159	190	5	133	145	42
1500W 2HP	4-25	4#	32	449		470	185	255	237	215	13	17	30.2	67	190		4	145		27.4
	30-120	5#	40	476		497	230	310	300	275	15	20	42.2	79	190		5	145		47
	130-200	6#	50	517		538	280	390	360	330	19	20	51.7	90	190		5	145		52
2200W 3HP	3-60	5#	40	482		508	230	310	300	275	15	20	42.2	79	217		5	153		48
	70-200	6#	50	523		549	280	390	360	330	19	20	51.7	90	217		5	153		55
3700W 5HP	3-10	5#	40	498		524	230	310	300	275	15	20	42.2	79	217		5	153		50
	15-180	6#	50	539		565	280	390	360	330	19	20	51.7	90	217		5	153		57

OUTPUT SHAFT	SHAFT		KEYWAY			KEY
	Sh6	P	W	T	Q	SPEC
	Φ18	30	5	20	25	5 × 5 × 25
	Φ22	40	7	25	35	7 × 7 × 35
	Φ28	45	7	31	40	7 × 7 × 40
	Φ32	55	10	35.5	50	10 × 8 × 50
	Φ40	65	10	43.5	60	10 × 8 × 60
	Φ50	80	14	54	75	14 × 9 × 75

NOTE:

- 1# Ontology (Models for 18)
C1 is 33.5, C2 is 65.5
- 2# Ontology (Models for 22)
C1 is 40, C2 is 80



- A1、M1、Z1 are the sizes of three-phase motors.
- A2、M2、Z2 are the sizes of single-phase motors.
- A3 is the size of three-phase motors with brakes.

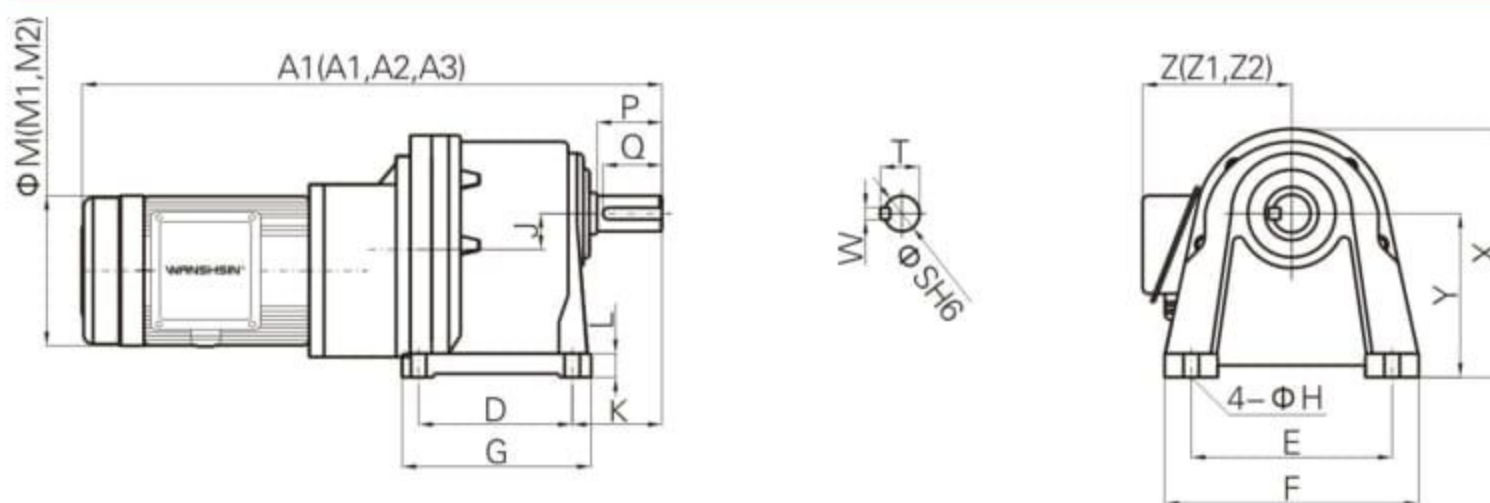
- *Belong to B type output flange.

4

GH HORIZONTAL HIGH-SPEED OPPONENT SINGLE-PHASE THREE-PHASE,ALUMINUM SHELL (BRAKE) GEAR REDUCER MOTORS

HP-4P	GEAR RATIO	CODE	TYPE	A1	A2	A3	D	E	F	G	H	L	J	K	M1	M2	X	Y	Z1	Z2	KG
100W 1/8HP	250-1800	1#+3#	28	390	410	394	90	140	180	120	11	15	20.8	65	127	127	180	116	116	116	13.2
200W 1/4HP	250-1800	2#+4#	32	471	491	475	130	170	215	160	13	20	30.2	76	127	127	210	138.5	116	116	23.2
400W 1/2HP	250-1800	3#+5#	40	532	551	536	150	210	260	185	15	23	42.2	85	127	159	248	160	116	133	49
750W 1HP	250-1800	3#+6#	50	602	635	602	170	265	330	220	19	25	51.7	104	159	190	315	200	133	145	59

OUTPUT SHAFT	SHAFT	KEYWAY	KEY
	Sh6	P	W T Q SPEC
$\Phi 28$	45	7	31 40 $7 \times 7 \times 40$
$\Phi 32$	55	10	35.5 50 $10 \times 8 \times 50$
$\Phi 40$	65	10	43.5 60 $10 \times 8 \times 60$
$\Phi 50$	80	14	54 75 $14 \times 9 \times 75$



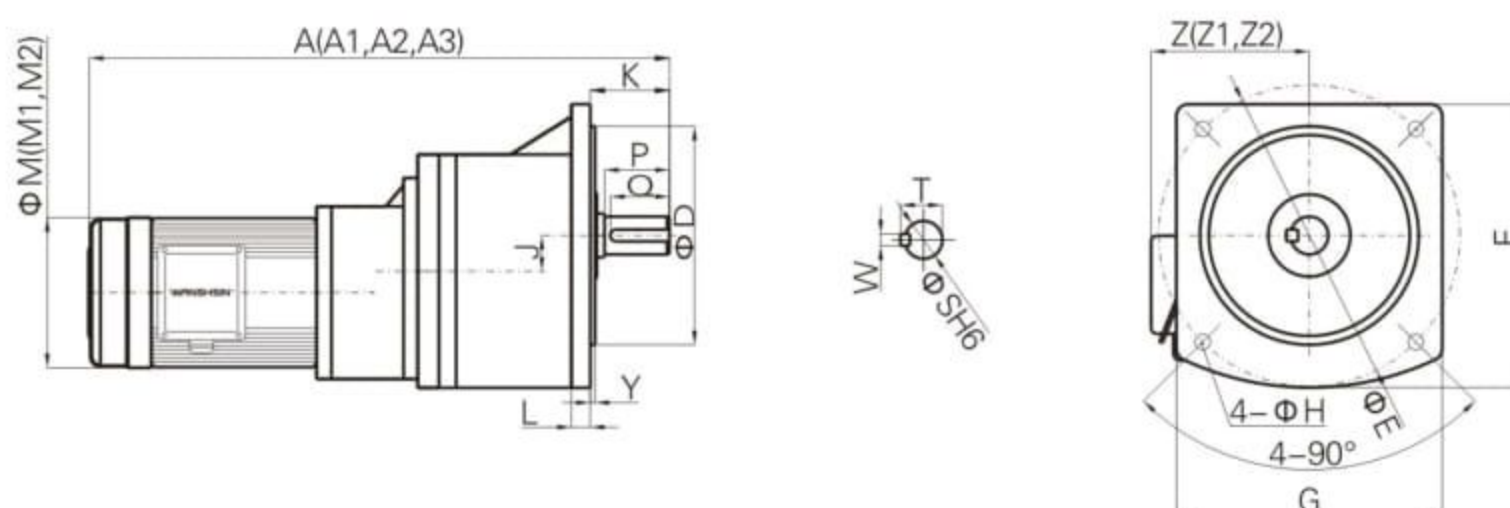
- A1、M1、Z1 are the sizes of three-phase motors.
- A2、M2、Z2 are the sizes of single-phase motors.
- A3 is the size of three-phase motors with brakes.

5

GV ALL CINEMAS VERTICAL HIGH-SPEED OPPONENT SINGLE-PHASE THREE-PHASE,ALUMINUM SHELL (BRAKE) GEAR REDUCER MOTORS

HP-4P	GEAR RATIO	CODE	TYPE	A1	A2	A3	D	E	F	G	H	L	J	K	M1	M2	Y	Z1	Z2	KG
100W 1/8HP	250-1800	1#+3#	28	390	410	394	170	220	195	180	11	15	20.8	57	127	127	4	116	116	13.2
200W 1/4HP	250-1800	2#+4#	32	471	491	475	185	225	237	215	13	15	30.2	67	127	127	4	116	116	23
400W 1/2HP	250-1800	3#+5#	40	532	551	536	230	310	300	275	15	20	42.2	79	127	159	5	116	133	49
750W 1HP	250-1800	3#+6#	50	602	635	602	280	390	360	330	19	20	51.7	90	159	190	5	133	145	59

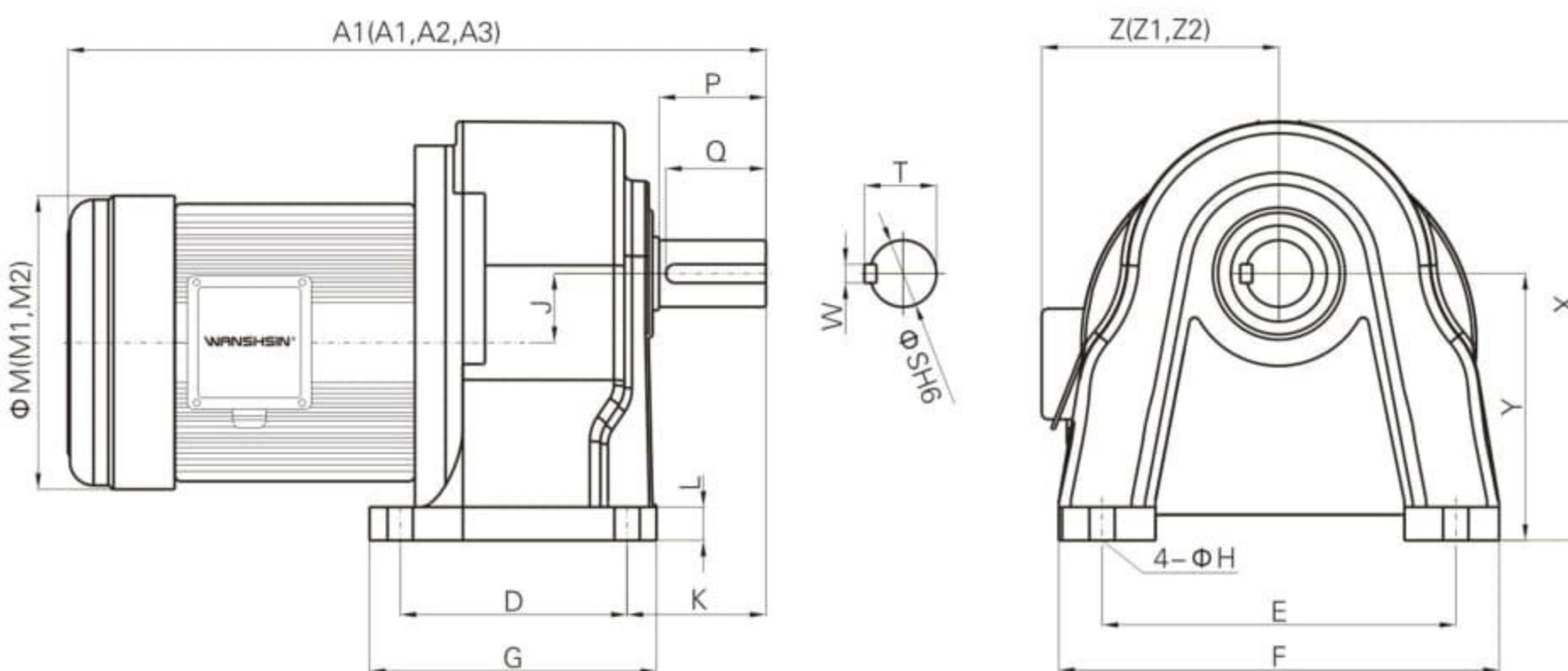
OUTPUT SHAFT	SHAFT	KEYWAY	KEY
	Sh6	P	W T Q SPEC
$\Phi 28$	30	7	31 40 $7 \times 7 \times 40$
$\Phi 32$	55	10	35.5 50 $10 \times 8 \times 50$
$\Phi 40$	65	10	43.5 60 $10 \times 8 \times 60$
$\Phi 50$	80	14	54 75 $14 \times 9 \times 75$



- A1、M1、Z1 are the sizes of three-phase motors.
- A2、M2、Z2 are the sizes of single-phase motors.
- A3 is the size of three-phase motors with brakes.

HP-4P	GEAR RATIO	CODE	TYPE	A1	A2	A3	D	E	F	G	H	L	J	K	M1	M2	X	Y	Z1	Z2	KG
100W 1/8HP	50-200	1#	18	253	273	257	40	110	135	65	9	10	16	45	127	127	132	88.5	116	116	5.3
200W 1/4HP	15-90	1#	18	273	293	277	40	110	135	65	9	10	16	45	127	127	132	88.5	116	116	5.3
	100-200	2#	22	307	327	311	65	130	163	90	11	15	18.2	56	127	127	152	97.5	116	116	6.9
400W 1/2HP	3-10	1#	18	293	310	297	40	110	135	65	9	10	16	45	127	159	132	88.5	116	133	6.7
	15-90	2#	22	327	346	331	65	130	163	90	11	15	18.2	56	127	159	152	97.5	116	133	8.6
	100-200	3#	28	353	372	357	90	140	180	122	11	15	20.8	65	127	159	180	116	116	133	11
750W 1HP	3-25	2#	22	356	390	356	65	130	163	90	11	15	18.2	56	159	190	152	97.5	133	145	11
	30-120	3#	28	382	414	382	90	140	180	122	11	15	20.8	65	159	190	180	116	133	145	14
	130-200	4#	32	417	449	417	130	170	215	160	13	25	30.2	76	159	190	210	138.5	133	145	19.6
1500W 2HP	4-25	3#	28	415		436	90	140	180	122	11	15	20.8	65	190		180	116	145		15
	30-120	4#	32	449		470	130	170	215	160	13	25	30.2	76	190		210	138.5	145		21.6
	130-200	5#	40	476		497	150	210	260	185	15	25	42.2	85	190		248	160	145		42
2200W 3HP	3-60	4#	32	455		481	130	170	215	160	13	25	30.2	76	190		210	138.5	153		27.6
	70-200	5#	40	482		508	150	210	260	185	15	25	42.2	85	217		248	160	153		47
3700W 5HP	30-180	5#	40	498		524	150	210	260	185	15	25	42.2	85	217		248	160	153		52

OUTPUT SHAFT	SHAFT		KEYWAY			KEY
	Sh6	P	W	T	Q	SPEC
	Φ18	30	5	20	25	5×5×25
	Φ22	40	7	25	35	7×7×35
	Φ28	45	7	31	40	7×7×40
	Φ32	55	10	35.5	50	10×8×50
	Φ40	65	10	43.5	60	10×8×60



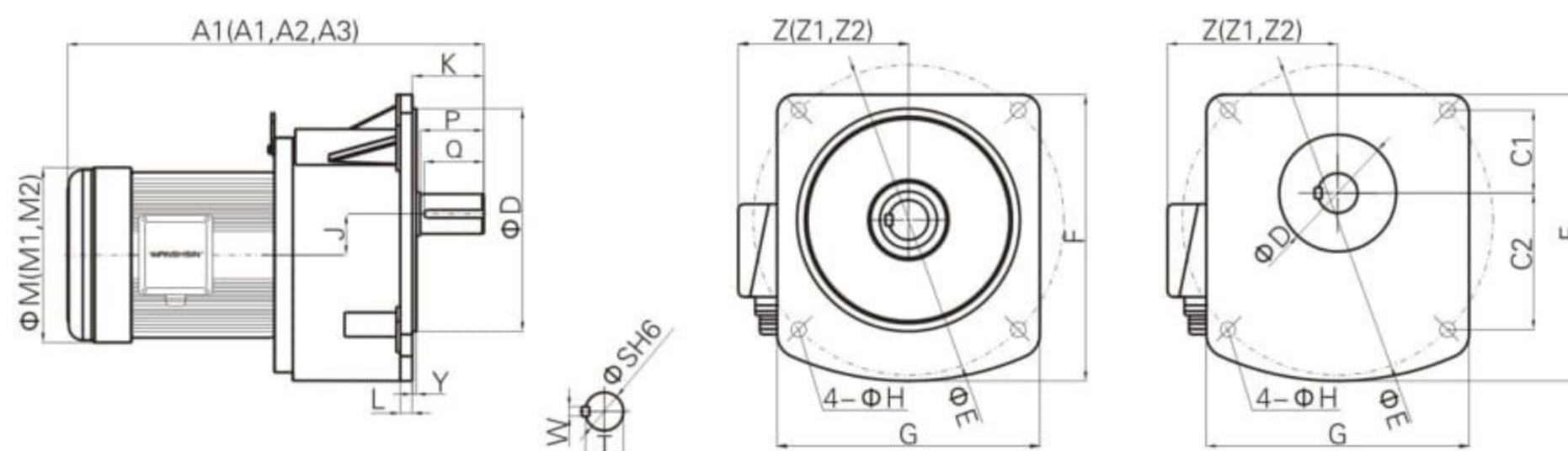
- A1、M1、Z1 are the sizes of three-phase motors.
- A2、M2、Z2 are the sizes of single-phase motors.
- A3 is the size of three-phase motors with brakes.

HP-4P	GEAR RATIO	CODE	TYPE	A1	A2	A3	D	E	F	G	H	L	J	K	M1	M2	Y	Z1	Z2	KG
100W 1/8HP	50-200	1#	18	253	273	257	50	140	120	120	9	12	16	38	127	127	5	116	116	5.3
200W 1/4HP	15-90	1#	*18	273	293	277	50	140	120	120	9	12	16	38	127	127	5	116	116	5.3
	100-200	2#	22	307	327	311	148	185	170	156	11	12	18.2	49	127	127	3.5	116	116	6.9
	100-200	2#	*22	307	327	311	55	170	146	146	11	12	18.2	49	127	127	3.5	116	116	6.9
400W 1/2HP	3-10	1#	*18	393	345	297	50	140	120	120	9	12	16	38	127	159	5	116	133	6.7
	15-90	2#	22	327	346	331	148	185	170	156	11	12	18.2	49	127	159	3.5	116	133	8.6
	15-90	2#	*22	327	346	331	55	170	146	146	11	12	18.2	49	127	127	3.5	116	133	8.0
	100-200	3#	28	353	372	357	170	220	195	180	11	15	20.8	57	127	159	4	116	133	11
750W 1HP	3-25	2#	22	355	395	355	148	185	170	156	11	12	18.2	49	159	190	3.5	133	145	11
	3-25	2#	*22	355	395	355	55	170	146	146	11	12	18.2	49	159	190	3.5	133	145	11
	30-120	3#	28	382	415	382	170	220	195	180	11	15	20.8	57	159	190	4	133	145	14
	130-200	4#	32	417	449	417	185	255	237	215	13	17	30.2	67	159	190	4	133	145	19.4
1500W 2HP	4-25	3#	28	415		436	170	220	195	180	11	15	20.8	57	190		4	145		15
	30-120	4#	32	449		470	185	255	237	215	13	17	30.2	67	190		4	145		21.4
	130-200	5#	40	476		497	230	310	300	275	15	20	42.2	79	190		5	145		42
2200W 3HP	3-60	4#	32	455		481	185	255	237	215	13	17	30.2	67	190		4	153		27.4
	70-200	5#	40	482		508	230	310	300	275	15	20	42.2	79	217		5	153		47
3700W 5HP	30-180	5#	40	498		524	230	310	300	275	15	20	42.2	79	217		5	153		52

OUTPUT SHAFT	SHAFT		KEYWAY			KEY
	Sh6	P	W	T	Q	SPEC
	Φ18	30	5	20	25	5×5×25
	Φ22	40	7	25	35	7×7×35
	Φ28	45	7	31	40	7×7×40
	Φ32	55	10	35.5	50	10×8×50
	Φ40	65	10	43.5	60	10×8×60

NOTE:

- 1# Ontology (Models for 18)
C1 is 33.5, C2 is 65.5
- 2# Ontology (Models for 22)
C1 is 40, C2 is 80



A-Output Flange

B-Output Flange



- A1、M1、Z1 are the sizes of three-phase motors.
- A2、M2、Z2 are the sizes of single-phase motors.
- A3 is the size of three-phase motors with brakes.

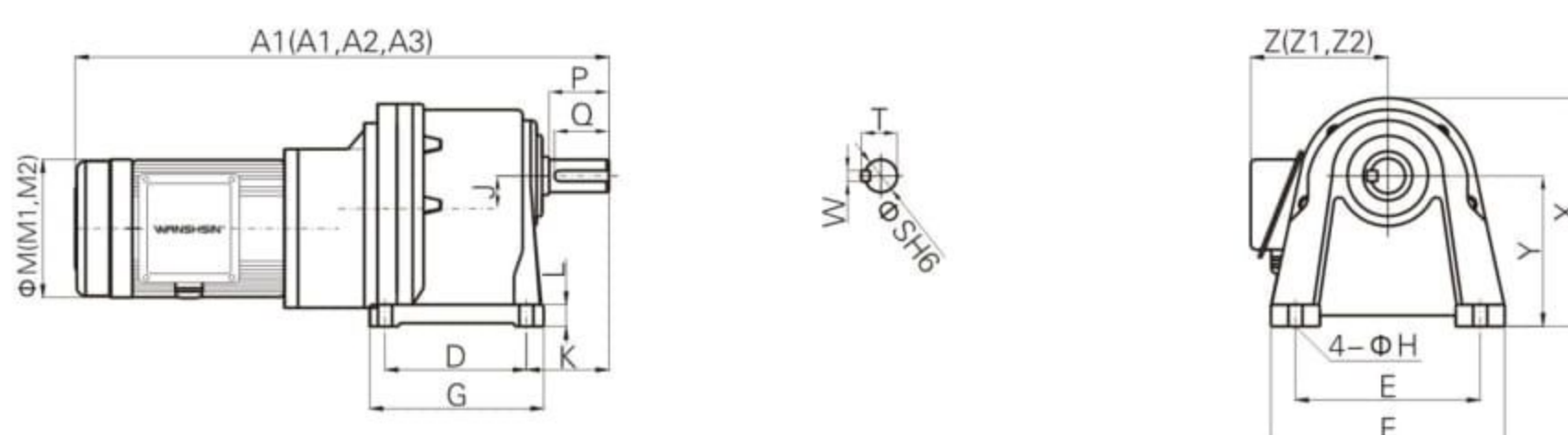
- *Belong to B type output flange.

8

GH HORIZONTAL HIGH-SPEED OPPONENT SINGLE-PHASE THREE-PHASE,ALUMNUM SHELL (BRAKE) SHRINK BOX TYPE GEAR REDUCER MOTORS

HP-4P	GEAR RATIO	CODE	TYPE	A1	A2	A3	D	E	F	G	H	L	J	K	M1	M2	X	Y	Z1	Z2	KG
100W 1/8HP	250-1800	1#+2#	22	365	385	369	65	130	163	90	11	15	18.2	56	127	127	152	97.5	116	116	13.2
200W 1/4HP	250-1800	1#+3#	28	410	430	414	90	140	180	122	11	15	20.8	65	127	127	180	116	116	116	29.6
400W 1/2HP	250-1800	2#+4#	32	491	510	495	130	170	215	160	13	25	30.2	76	127	159	210	138.5	116	133	42.6
750W 1HP	250-1800	3#+5#	40	561	594	561	150	210	260	185	15	25	42.2	85	159	190	248	160	133	145	59

OUTPUT SHAFT	SHAFT		KEYWAY			KEY
	Sh6	P	W	T	Q	SPEC
	Φ22	40	7	25	35	7×7×35
	Φ28	45	7	31	40	7×7×40
	Φ32	55	10	35.5	50	10×8×50
	Φ40	65	10	43.5	60	10×8×60



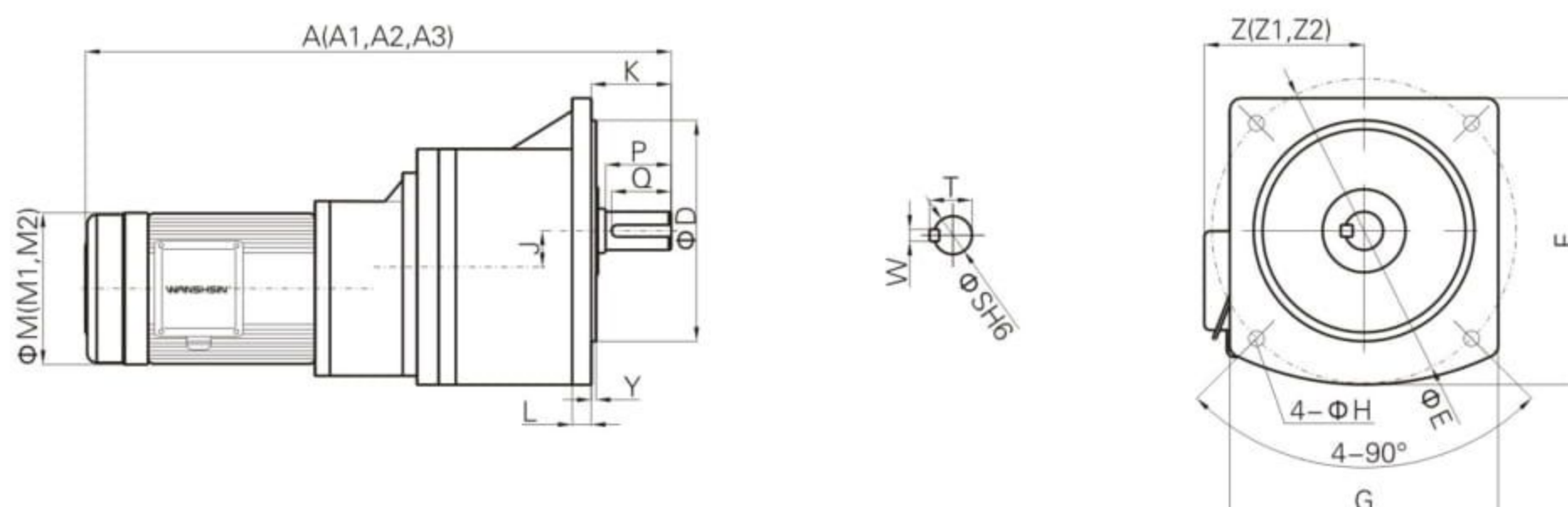
- A1、M1、Z1 are the sizes of three-phase motors.
- A2、M2、Z2 are the sizes of single-phase motors.
- A3 is the size of three-phase motors with brakes.

9

GV ALL CINEMAS VERTICAL HIGH-SPEED OPPONENT SINGLE-PHASE,ALUMINUM SHELL (BRAKE) SHRINK BOX TYPE GEAR REDUCER MOTOR

HP-4P	GEAR RATIO	CODE	TYPE	A1	A2	A3	D	E	F	G	H	L	J	K	M1	M2	Y	Z1	Z2	KG
100W 1/8HP	250-1800	1#+2#	22	364	384	368	148	185	170	156	11	12	18.2	49	127	127	3.5	116	116	13.2
200W 1/4HP	250-1800	1#+3#	28	410	430	414	170	220	195	180	11	15	20.8	57	127	127	4	116	116	29.6
400W 1/2HP	250-1800	2#+4#	32	491	510	495	185	255	237	215	13	17	30.2	67	127	159	4	116	133	42.4
750W 1HP	250-1800	3#+5#	40	561	594	561	230	310	300	275	15	20	42.2	79	159	190	4	133	145	59

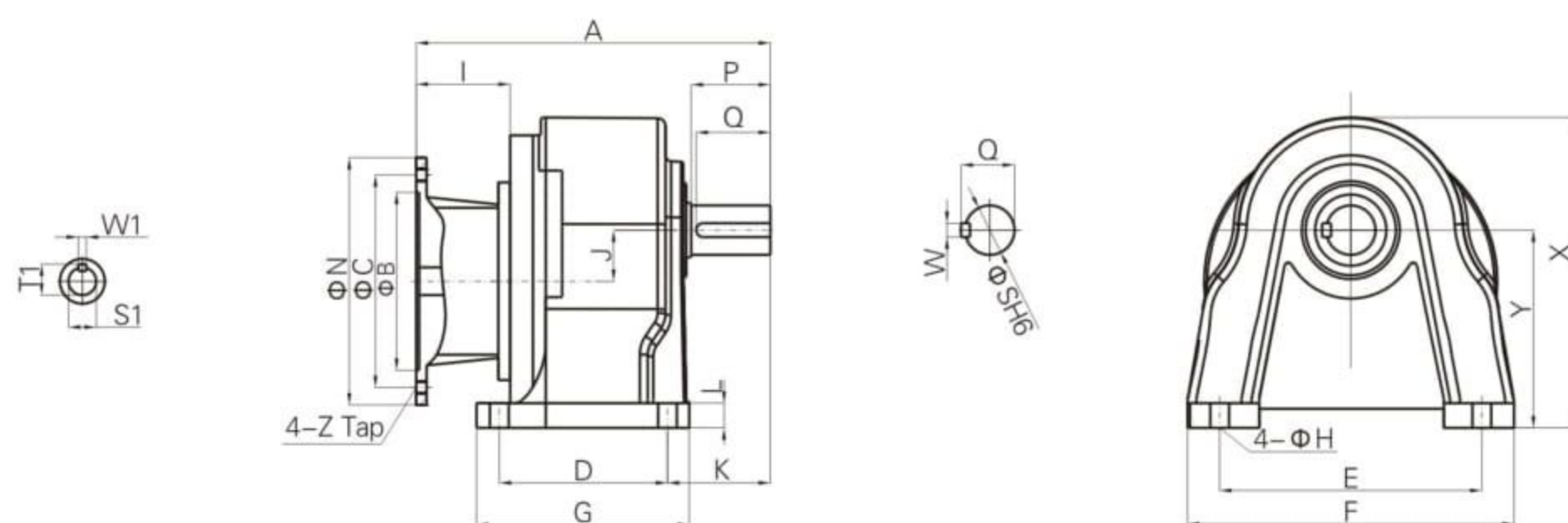
OUTPUT SHAFT	SHAFT		KEYWAY			KEY
	Sh6	P	W	T	Q	SPEC
	Φ22	40	7	25	35	7×7×35
	Φ28	45	7	31	40	7×7×40
	Φ32	55	10	35.5	50	10×8×50
	Φ40	65	10	43.5	60	10×8×60



- A1、M1、Z1 are the sizes of three-phase motors.
- A2、M2、Z2 are the sizes of single-phase motors.
- A3 is the size of three-phase motors with brakes.

HP-4P	GEAR RATIO	TYPE	A	B	C	D	E	F	G	H	I	J	K	L	N	X	Y	Z	KG
200W 1/4HP	3-10	18	153	110	130	40	110	135	65	9	52.5	16	45	10	158	132	88.5	M8	4
	15-90	22	188	110	130	65	130	159	90	11	52.5	18.2	56	15	158	152	97.5	M8	6
	100-200	28	216	110	130	90	140	180	122	11	52.5	20.8	65	15	158	180	116	M8	8
400W 1/2HP	3-10	22	188	110	130	65	130	160	90	11	52.5	18.2	56	15	158	152	97.5	M8	6
	15-90	28	216	110	130	90	140	180	122	11	52.5	20.8	65	15	158	180	116	M8	8
	100-200	32	250	110	130	130	170	215	160	13	52.5	30.2	76	25	158	210	138.5	M8	14.6
750W 1HP	3-25	28	250	130	165	90	140	180	122	11	90.8	20.8	66	15	198	180	116	M10	11
	30-120	32	288	130	165	130	170	215	160	13	90.8	30.2	76	25	198	210	138.5	M10	19.6
	125-200	40	313	130	165	150	210	260	185	15	90.8	42.2	85	25	198	248	160	M10	38
1500W 2HP	3-25	32	288	130	165	130	170	215	160	13	90.8	30.2	76	25	198	210	138.5	M10	19.6
	30-120	40	313	130	165	150	210	260	185	15	90.8	42.2	85	25	198	248	160	M10	39
2200W 3HP	3-60	40	320	180	215	150	210	260	185	15	95	42.2	85	25	250	248	160	M12	40
	70-120	50	360	180	215	170	265	330	220	18	95	51.7	104	30	250	315	200	M12	45
3700W 5HP	3-25	40	320	180	215	150	210	260	185	15	95	42.2	85	25	250	248	160	M12	50
	30-80	50	360	180	215	170	265	330	220	18	95	51.7	104	30	250	315	200	M12	55

INPUT BORE	KW		BORE		KEYWAY	
			S1	W1	T1	
	1/4HP		Φ11	4	12.8	
	1/2HP		Φ14	5	16.3	
	1HP		Φ19	6	21.8	
	2HP		Φ24	8	27.3	
	3HP		Φ28	8	31.3	
	5HP		Φ28	8	31.3	
OUTPUT SHAFT	SHAFT		KEYWAY		KEY	
			W	T	Q	SPEC
	Sh6	P	W	T	Q	SPEC
	Φ18	30	5	20	25	5×5×25
	Φ22	40	7	25	35	7×7×35
	Φ28	45	7	31	40	7×7×40
	Φ32	55	10	35.5	50	10×8×50
	Φ40	65	10	43.5	60	10×8×60
	Φ50	80	14	54	75	14×9×75

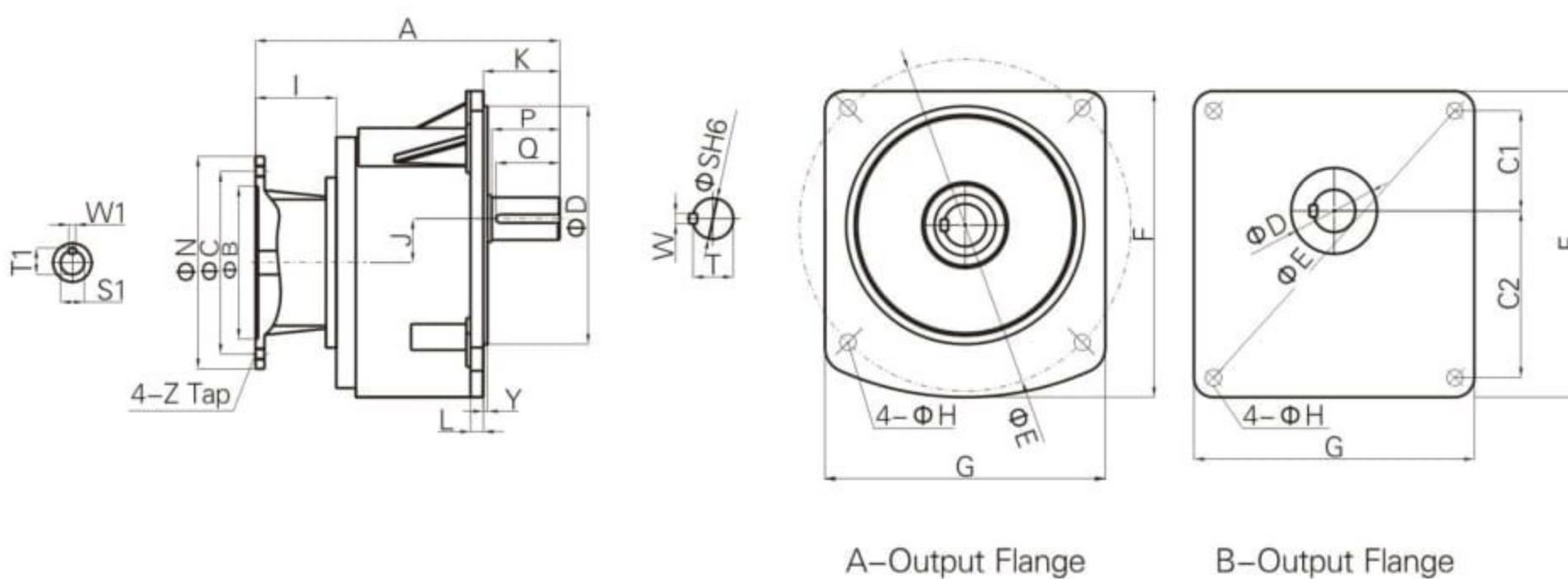


• Available for IEC metric motor.

HP-4P	GEAR RATIO	TYPE	A	B	C	D	E	F	G	H	I	J	K	L	N	Y	Z	KG
200W 1/4HP	3-10	*18	153	110	130	50	140	120	120	9	52.5	16	38	12	158	5	M8	4
	15-90	22	188	110	130	148	185	170	156	11	52.5	18.2	49	12	158	3.5	M8	6
	15-90	*22	188	110	130	55	170	146	146	11	52.5	18.2	49	12	158	3.5	M8	6
	100-200	28	216	110	130	170	220	195	180	11	52.5	20.8	57	15	158	4	M8	8
400W 1/2HP	3-10	22	188	110	130	148	185	170	156	11	52.5	18.2	49	12	158	3.5	M8	6
	3-10	*22	188	110	130	55	170	146	146	11	52.5	18.2	49	12	158	3.5	M8	6
	15-90	28	216	110	130	170	220	195	180	11	52.5	20.8	57	15	158	4	M8	8
	100-200	32	250	110	130	185	255	237	215	13	52.5	30.2	67	17	158	4	M8	14.6
750W 1HP	3-25	28	250	130	165	170	220	195	180	11	90.8	20.8	57	15	198	4	M10	11
	30-120	32	288	130	165	185	255	237	215	13	90.8	30.2	67	17	198	5	M10	19.6
	125-200	40	313	130	165	230	310	300	275	15	90.8	42.2	79	20	198	4	M10	38
1500W 2HP	3-25	32	288	130	165	185	255	237	215	13	90.8	30.2	67	17	198	5	M10	19.6
	30-120	40	313	130	165	230	310	300	275	15	90.8	42.2	79	20	198	5	M10	39
2200W 3HP	3-60	40	320	180	215	230	310	300	275	15	95	42.2	79	20	250	5	M12	39
	70-120	50	360	180	215	280	390	360	330	19	95	51.7	90	20	250	5	M12	44
3700W 5HP	3-25	40	320	180	215	230	310	300	275	15	95	42.2	79	20	250	5	M12	55
	30-80	50	360	180	215	280	390	360	330	19	95	51.7	90	20	250	5	M12	60

INPUT BORE	KW		BORE		KEYWAY	
			S1	W1	T1	
	1/4HP		Φ11	4	12.8	
	1/2HP		Φ14	5	16.3	
	1HP		Φ19	6	21.8	
	2HP		Φ24	8	27.3	
	3HP		Φ28	8	31.3	
	5HP		Φ28	8	31.3	
OUTPUT SHAFT	SHAFT		KEYWAY			KEY
	Sh6	P	W	T	Q	SPEC
	Φ18	30	5	20	25	5×5×25
	Φ22	40	7	25	35	7×7×35
	Φ28	45	7	31	40	7×7×40
	Φ32	55	10	35.5	50	10×8×50
	Φ40	65	10	43.5	60	10×8×60
	Φ50	80	14	54	75	14×9×75

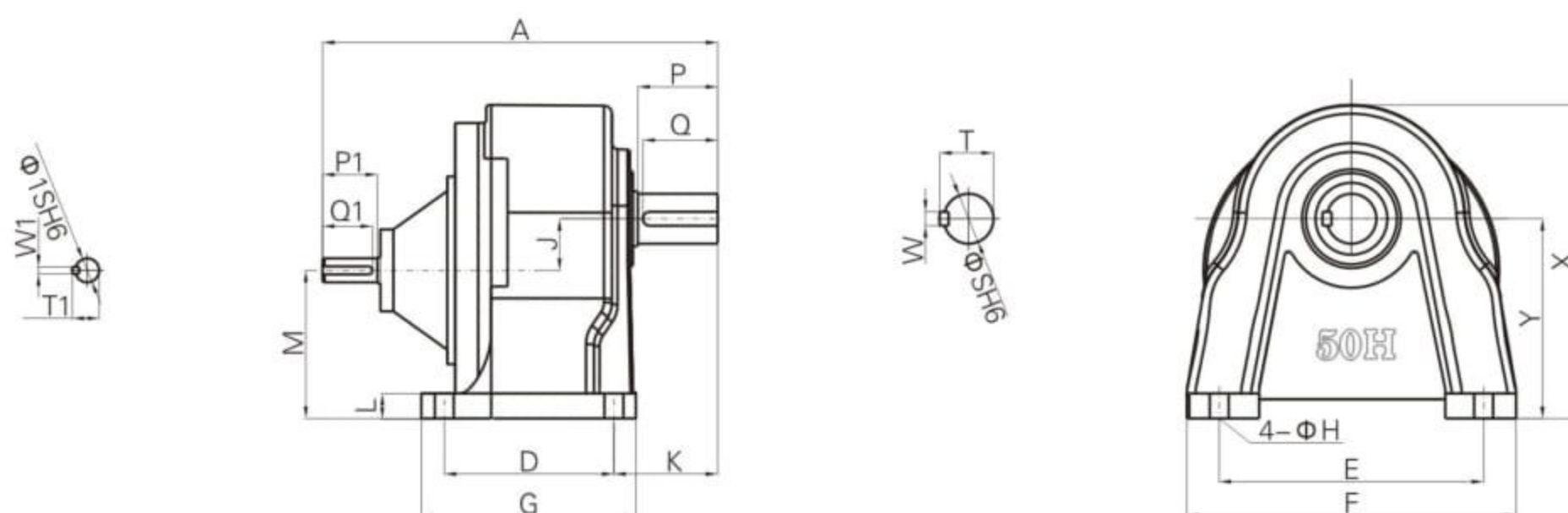
- NOTE:
- 1# Ontology (Models for 18)
C1 is 33.5, C2 is 65.5
 - 2# Ontology (Models for 22)
C1 is 40, C2 is 80



- Available for IEC metric motor.
- *Belong to B type output flange.

HP-4P	GEAR RATIO	TYPE	A	D	E	F	G	H	J	K	L	M	X	Y	KG
100W 1/8HP	3-50	18	168	40	110	135	65	9	16	45	10	72.5	132	88.5	3
	60-200	22	200	65	130	160	90	11	18.2	56	15	80	152	97.5	4
200W 1/4HP	3-10	18	168	40	110	135	65	9	16	45	10	72.5	132	88.5	3
	15-90	22	200	65	130	160	90	11	18.2	56	15	80	152	97.5	5
	100-200	28	258	90	140	180	120	11	20.8	65	15	95.2	180	116	7
400W 1/2HP	3-10	22	207	65	130	160	90	11	18.2	56	15	80	152	97.5	6
	15-90	28	263	90	140	180	120	11	20.8	65	15	95.2	180	116	7
	100-200	32	300	130	170	215	160	13	30.2	76	25	108.5	210	138.5	12.6
750W 1HP	3-25	28	269	90	140	180	120	11	20.8	65	15	95.2	180	116	7
	30-120	32	310	130	170	215	160	13	30.2	76	25	108.5	210	138.5	14.6
	125-200	40	336	150	210	260	185	15	42.2	85	25	117.8	248	160	35
1500W 2HP	3-25	32	320	130	170	215	160	13	30.2	76	25	108.5	210	138.5	14.6
	30-120	40	350	150	210	260	185	15	42.2	85	25	117.8	248	160	35
2200W 3HP	3-60	40	360	150	210	260	185	15	42.2	85	25	117.8	248	160	35
	70-120	50	410	170	265	330	220	19	51.7	104	30	148.6	315	200	43
3700W 5HP	3-25	40	360	150	210	260	185	15	42.2	85	25	117.8	248	160	35
	30-80	50	410	170	265	330	220	19	51.7	104	30	148.6	315	200	43

INPUT BORE	SHAFT			KEYWAY			KEY
	KW	S1h6	P1	W1	T1	Q1	SPEC
	0.1/0.2	14	25	5	16	22	5×5×22
	0.4	14	30	5	16	26	5×5×25
	0.75	19	40	6	21.5	35	6×6×35
	1.5	24	50	8	27	45	8×7×45
	2.2	28	60	8	31	50	8×7×50
	3.7	28	60	8	31	50	8×7×50
OUTPUT SHAFT	SHAFT		KEYWAY			KEY	
	Sh6	P	W	T	Q	SPEC	
	Φ18	30	5	20	25	5×5×25	
	Φ22	40	7	25	35	7×7×35	
	Φ28	45	7	31	40	7×7×40	
	Φ32	55	10	35.5	50	10×8×50	
	Φ40	65	10	43.5	60	10×8×60	
	Φ50	80	14	54	75	14×9×75	



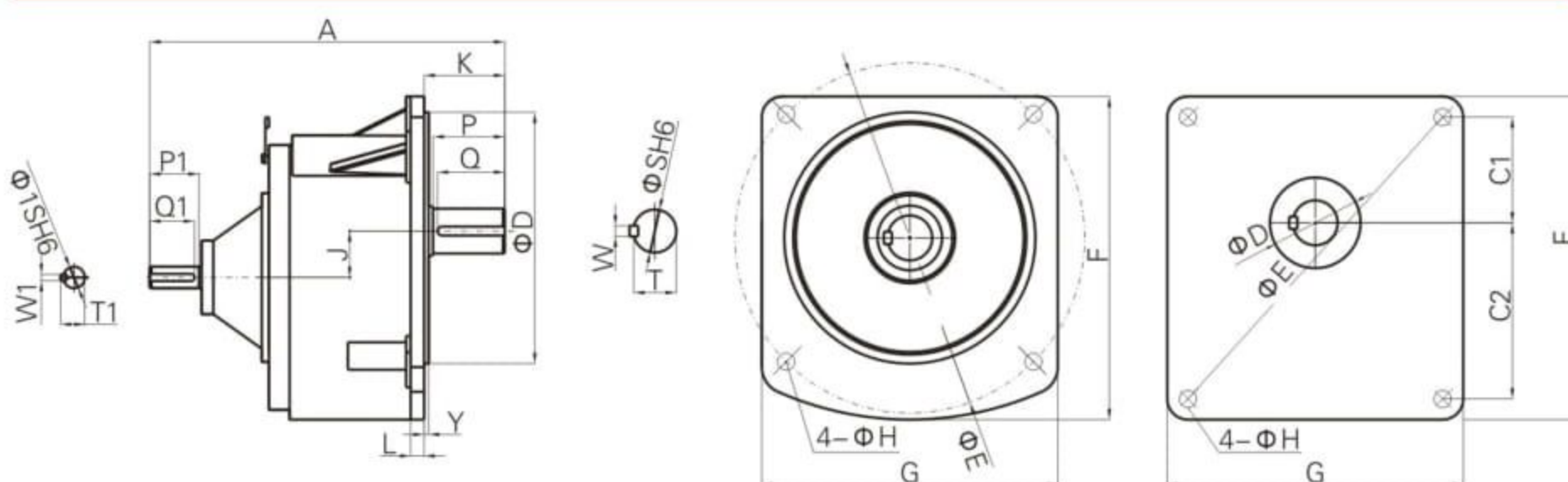
HP-4P	GEAR RATIO	TYPE	A	D	E	F	G	H	J	K	L	Y	KG
100W 1/8HP	3-50	*18	168	50	140	120	120	9	16	38	12	5	3
	60-200	22	200	148	185	170	156	11	18.2	49	12	3.5	4
	60-200	*22	200	55	170	146	146	11	18.2	49	12	3.5	4
200W 1/4HP	3-10	*18	168	50	140	120	120	9	16	38	12	5	3
	15-90	22	200	148	185	170	156	11	18.2	49	12	3.5	5
	15-90	*22	200	55	170	146	146	11	18.2	49	12	3.5	4
	100-200	28	258	170	220	195	180	11	20.8	57	15	4	7
400W 1/2HP	3-10	22	207	148	185	170	156	11	18.2	49	12	3.5	6
	3-10	*22	200	55	170	146	146	11	18.2	49	12	3.5	4
	15-90	28	263	170	220	195	180	11	20.8	57	15	4	7
	100-200	32	300	185	255	237	215	13	30.2	67	17	4	12.4
750W 1HP	3-25	28	268	170	220	195	180	11	20.8	57	15	4	7
	30-120	32	310	185	255	237	215	13	30.2	67	17	4	14.4
	125-200	40	336	230	310	300	275	15	20.8	79	20	5	35
1500W 2HP	3-25	32	320	185	255	237	215	13	30.2	67	17	4	14.4
	30-120	40	350	230	310	300	275	15	42.2	79	20	5	35
2200W 3HP	3-60	40	360	230	310	300	275	15	42.2	79	20	5	35
	70-120	50	400	280	390	360	330	19	51.7	90	20	5	43
3700W 5HP	3-25	40	360	230	310	300	275	15	42.2	79	20	5	35
	30-80	50	400	280	390	360	330	19	51.7	90	20	5	43

INPUT BORE	SHAFT			KEYWAY			KEY
	KW	S1h6	P1	W1	T1	Q1	SPEC
	0.1/0.2	14	25	5	16	22	5×5×22
	0.4	14	30	5	16	26	5×5×25
	0.75	19	40	6	21.5	35	6×6×35
	1.5	24	50	8	27	45	8×7×45
	2.2	28	55	8	31	50	8×7×50
	3.7	28	55	8	31	50	8×7×50

OUTPUT SHAFT	SHAFT		KEYWAY			KEY
	Sh6	P	W	T	Q	SPEC
	Φ18	30	5	20	25	5×5×25
	Φ22	40	7	25	35	7×7×35
	Φ28	45	7	31	40	7×7×40
	Φ32	55	10	35.5	50	10×8×50
	Φ40	65	10	43.5	60	10×8×60
	Φ50	80	14	54	75	14×9×75

NOTE:

- 1# Ontology (Models for 18)
C1 is 33.5, C2 is 65.5
- 2# Ontology (Models for 22)
C1 is 40, C2 is 80



A-Output Flange

B-Output Flange

*Belong to B type output flange.