Krex Drive Heavy Duty Geared Motor

The World Best Technology & Quality

(주)케이지엠
www.kgm.co.kr

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(주) : 제품의 품질향상 및 성능 개선을 위하여 본 카탈로그에 기재된 사항은 예고없이 변경될 수 있습니다.

2014.11.2000

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Krex Drive

KD Heavy Duty Geared Motor

GEARED MOTOR

WORM-RED.

HELICAL BEVEL-RED.

(주)케이지엠
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축단하중(OVER HUNG LOAD)의 검토

감속기 출력축과 사용할 피동기계와의 연결시 체인기어, V벨트, 기어등을 이용하여 동력전달을 해야 하는 경우에는 출력축에 굽힘하중이 작용하며, 출력축에 설치된 베아링에도 굽힘하중 만큼의 하중이 작용하므로 이 경우에는 필히 축단하중을 검토하여야 하며 이 검토에 따라 감속기를 선택하여야 합니다.
단, 기어카프링, 체인카프링 또는 기타카프링으로 출력축과 동일축선상에서 연결하는 경우에는 축단하중을 검토할 필요가 없습니다.

표 1. 출력축 (저속축)의 허용 축단하중 (O.H.L)

R.P.M \ kw	1.5	2.2	3.7	5.5	7.5	11	15	22	30	3.7
5	2300	3020	4250	5555	6750	8825				
10	1450	1900	2675	3500	4250	5560	6750			
15	1105	1450	2040	2675	3240	4250	5150	6750		
20	915	1200	1680	2205	2675	3500	4250	5560	6750	
25	790	1035	1450	1900	2300	3020	3655	4800	5820	6750
30	700	915	1280	1680	2040	2675	3240	4250	5150	5985
40	575	755	1060	1390	1680	2205	2675	3500	4250	4940
50	495	650	915	1200	1450	1900	2300	3020	3655	4250
60	435	575	810	1060	1280	1680	2040	2675	3240	3760
80	360	475	670	875	1060	1390	1680	2205	2675	3100
100	310	410	575	755	915	1200	1450	1900	2300	2675
120	275	360	510	670	810	1060	1280	1680	2040	2370
150	238	312	440	575	695	915	1105	1450	1750	2040
180	210	276	390	510	615	810	980	1280	1550	1810
200	196	258	363	475	575	755	915	1200	1450	1680
250	170	223	313	410	496	650	790	1035	1250	1450
300	149	197	276	362	438	575	700	915	1105	1280

$$O.H.L(kg) = \frac{P \times 974 \times 2}{N \times R} \times \frac{Cf}{Lf} \times s.f$$

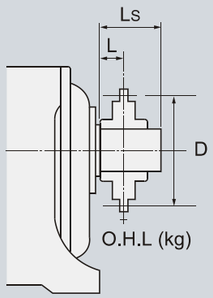
P = 전달출력 (kw)
N = 출력축회전수 (rpm)
R = CHAIN SPROCKET,PULLEY,GEAR 의 피치원직경 (m) = D
Cf = 구동방법에 의한 계수
Lf = 하중위치에 의한 계수
s.f= 부하계수 (기본설계: 1.4)

표 1. Cf : 구동방법의 계수

SINGLE CHAIN	DOUBLE CHAIN	GEAR	V-BELT	FLAT BELT
1.00	1.25	1.25	1.50	2.50

표 2. Lf : 하중위치의 계수

0.3Ls	0.5Ls	0.7Ls	0.9Ls
1.10	1.00	0.83	0.70



상기식에서 구한 O.H.L가 허용 O.H.L 보다 작은지 확인하여 주십시요.
O.H.L에 적용하는 부하계수는, Sf≦1.4 입니다만,
사용상 부하계수가 크게 작용하는 경우에는 한단계 위의 형번으로 선택해야 하므로 당사에 문의하여 주시기 바랍니다.

(사용조건)
용도 ..... CONVEYOR(Sf = 1.0)
출력 3.7kw
입.출력회전수 ..... 1800/60 rpm
감속비 1/30
연결방법 ..... SINGLE CHAIN 구동
(CHAIN SPROCKET의 피치원 직경 D = 0.152 (m)
하중위치 ..... 출력축의 중앙 (0.5Ls)

축단하중의 계산식

$$축단하중\ (kg \cdot f) = \frac{3.7 \times 974}{60 \times 0.076} \times \frac{1 \times 1.0}{1} \fallingdotseq 790.3\ kg \cdot f$$

∴사용 O.H.L = 790.3 〈810이므로 상기의 사용 조건에서는 당사 표준제품인 3.7kw 1/30 (FR 2225)사용 가능합니다.

피동기계 부하 분류표

피동기계	하중부하 ■
Agitato	
pure liquids	U
liquids and solids	MS
liquids-Variable density	U
Blowers	
centrifugal	U
lobe	MS
vane	MS
Brewing and distilling	
botting machinery	U
brew kettles-continuous duty	U
cookers-continous duty	
mash tubs-continous duty	U
scale hopper-frequent	U
starts	MS
Can filling machines	U
cane knives	MS
Car dumpers	HS
Car Pullers	MS
Clarifiers	U
Clarifiers	U
Clay working machinery	
brik press	HS
briqutte machine	HS
clay working machinery	HS
Pug mill	MS
Compressors	MS
centrifugal	U
lobe	MS
reciprocating	
multi-cylinder	MS
singlel-cylinder	MS
conVeyors-uniformiy loaded or fed	
apron	U
assembly	U
belt	U
bucket	U
chain	MS
flight	U
oven	U
screw	U
Conveyors-heavy duty	
apron	U
assembly	U
belt	MS
bucket	MS
chain	MS
flight	U
live roll	▲
oven	MS
reciprocating	HS
screw	MS
shaker	HS
cranes	
main hoists	U
bridge traval	▲
trolly travel	▲
Crusher	
ore	HS
stone	HS

피동기계	하중부하 ■
sugar ○	MS
Dredges	
cable reels	MS
conveyor	MS
cutter head drive ○	HS
lig drives	HS
maneuveringwinches	MS
pumps	MS
screen drive	HS
stackers	MS
utility winches	MS
Dry dock cranes	
main hoist	△
auxiliary hoist	△
boom,luffing	△
rotaing,swing or slew	□
tracking,drive wheels	☆
Elivators	
bucket-uniform load	U
bucket-heavy load	MS
bucket-continous	U
centrifugal dischargy	U
escators	U
freight	MS
gravity dischargy	U
man lifts	▲
passenger	▲
Fans	
centrifugal	U
cooling towers	
induced draft	▲
forced draft	▲
induced draft	MS
large,mine,etc	MS
large,industrial	MS
light, small diameter	U
Feeders	
apron	MS
belt	MS
disc	U
reciprocasting	HS
screw	MS
Food industry	
beet slicer	MS
cereal cooker	U
dough mixer	MS
meat grinders	MS
Generatorors-not welding	U
Hammer mills	HS
Hoist	
heavy duty	HS
medium duty	MS
skip hoist	MS
Laundry washer reversing	MS
Laundry tumblers	MS
Line shafts driving procesing equipment	MS
light	U

피동기계	하중부하 ■
Lumber industry	
brakers-hydraulic-mechanical	MS
burner conveyor	MS
chain saw and drag	HS
chain transfer	HS
craneway transfe	HS
de-barking drum	HS
edger feed	MS
gang feed	MS
green chain	MS
live rolls	HS
log deck	HS
log houl-incline	HS
log houl-well type	HS
log turning device	HS
main log conveyor	HS
off bearing rolls	MS
planer feed chain	MS
planer floor chain	MS
planer tilting hoist	MS
re-saw merry-go-round conveyor	MS
roll cases	HS
slab conveyor	HS
small waste conveyor-chain	MS
sorting table	MS
tipple hoist conveyor	MS
tipple hoist drive	MS
transfer conveyors	MS
transfer rolls	MS
tray drive	MS
trimmer feed	MS
waste conveyor	MS
Machine tools	
bending roll	MS
punch press-gear notching press-belt	HS
driven	▲
plate planers	HS
other machine tools	
tapping machine	HS
main drives	MS
auxiliary drives	U
Metal mills	
draw bench carriage and main drive	MS
pinch,dryer and scrubber rolls-reversing	▲
slitters	MS
table conveyor non-reversing	
group drives	MS
individual drives	HS
reversing	▲
wire drawing and Flattening machine	MS
wire winding machine	MS
Mills-rotary type ball	MS

피동기계	하중부하 ■
cement kilns ○	MS
dryers and coolers ○	MS
kilns,other than cement	MS
pebble ○	MS
rod ○	
plain	MS
wedge bar	MS
tumbling barrels	HS
Mixer	
concrete mixers-continous	MS
concrete mixers-intermittent	MS
constant density	U
variable dentisty	MS
Oil industry	
chillers	MS
oil well pumping	▲
paraffin filter press	MS
rotary klins	MS
Paper mills	
agitator,(mixers)	MS
hydraulic	MS
barker-mechanical	MS
barking drum	HS
beater and pulper	MS
bleacher	U
calendar	MS
calendar-super	HS
converting machine except cutters,platers	MS
conveyors	U
couch	MS
cutters-platers	HS
cylinders	MS
dryers	MS
felt stretcher	MS
felt whipper	HS
jordans	HS
log haul	HS
presses	U
pulp machine reel	MS
stock chest	MS
suction roll	U
washers and thickeners	MS
winders	U
Printing presses	▲
Pullers	
barge haul	HS
Pumps	
centrifugal	U
proportioning	MS
reciprocating	
single acting:3 or more cylinders	MS
double acting:2 or more cylinders	MS
single acting: 1 or 2 cylinders	▲
double acting:single cylinder	▲

피동기계	하중부하 ■
rotary	
gear type	U
lobe,vane	U
Rubber and plastis industries	
crackers ○	HS
laboratary equipment	MS
mixing mills ○	HS
refiners ○	MS
rubber calenders ○	MS
rubber mill-2 on line ○	MS
rubber mill-3 on line ○	U
sheeter ○	MS
tire building machines	▲
tire and tube press openers	▲
tubers and strainers ○	MS
warming mill ○	MS
Sand muller	MS
Sewage disposal equipment	
bar screens	U
chemical feeders	U
collectors	U
dewatering screws	MS
scum breakers	MS
slow or rapid mixers	MS
thickeners	MS
vaccum filters	MS
Screens	
air washing	U
rotary-stone or gravel	MS
taveling water intake	U
Slab pusher	MS
steering gear	▲
Stokers	U
Sugar industry	
cane knives ○	MS
crushers ○	MS
mills ○	MS
Textile industry	
batchers	MS
calenders	MS
cards	MS
dry cans	MS
dryers	MS
dyeing machinery	MS
knitting machines	▲
looms	MS
mangles	MS
nappers	MS
pads	MS
range drives	▲
slashers	MS
soapers	MS
spinners	MS
tenter frames	MS
washers	MS
winders	MS
Windlass	▲

■ U Uniform load (균일하중)
MS Moderte shock load (中정도 하중)
HS Heavy shock load (重정도 하중)
▲KGM에 문의바랍니다.

○ 1일 24시간 연속운전 S・F 적용
△ S・F = 1.0
□ S・F = 1.25
☆ S・F = 1.5

고장원인 및 대책

발열

원 인	대 책
과부하 운전	적정 부하로 운전
윤활유의 과소 또는 과다	유면계의 지시선에 맞게 한다
윤활유의 불량 또는 부적당	노화, 오염된 것은 새 윤활유로 교체
베어링 틈새 과소 (테이퍼롤리)	베어링 틈새 조정
오일 시일 불량	오일 시일 교체
전동기의 통풍 방해	방해요인 제거
3중상 1상이 열려있거나 접속 불완전	접속여부를 점검, 단단히 한다
고정자 코일이중간에서 단락	수리한다
전압의 불평형	변압기 및 회로 조사
코일 접지	접지장소 찾아서 수리
축이 휘었거나 연결부 장력이 팽팽함	축심 점검, 장력을 조절
베어링의 불량(마모, 거칠다)	교체
베어링 부위의 억지 조립	분해 점검후 수정
부품의 마찰	분해 점검후 조정

심한 소음 및 이음

원 인	대 책
규칙적 소음 - 치의 치합상태 불량, 베어링 손상	기어 및 베어링 교체, 윤활유 보충, 교체
높은 금속음 - 윤활유 부족	윤활유 보충, 교체
불규칙 소음(이음) - 이물질 침입, 베어링 손상	이물질 제거(세척), 베어링 교체
회전자와 고정자의 접촉	수리
팬이 후드에 닿는다	수리(팬을 이격시켜 재조립)
3상 전동기가 단상 운전하고 있다	회로조사
고정부위가 헐겁다(축과 기어, 프랜지 접합부)	분해후 점검, 원인 제거, 교체

심한 진동

원 인	대 책
치의 마모	기어교체
이물질 침입	이물질 제거 및 윤활유 교체
베어링 마모 손상	베어링 교체
취부 볼트 및 고정볼트의 이완	볼트 조임
조립 부위 (축, 기어)의 이완	분해 점검후 재조립
축심이 일직선이 아니다 (바란스가 나쁘다)	부하의 연결 상태조사 및 재연결
전동기의 엔드프레이가 너무크다	베어링 조사, 와셔를 넣어 재조립
케이스 및 연결 부위파손	교체

오일의 누유

원 인	대 책
오일 시일 손상	오일 시일 교체
패킹 불량(접합부)	패킹 교체 및 재씰링
배유구 프로그 이완	단단히 체결(테프론테이프)
유면계 파손 및 이완	교체
기타 용접 부위 누유	재용접 또는 교체
출력축 마모(씰링부위)	출력축 교체
출력 카바 그리이스 부족(그리이스링 부위 : 수직형)	카바의 그리이스 보충
제품의 잘못된 부착	당사에 문의

전동기 기동불능 또는 기동곤란

원 인	대 책
퓨우즈가 끊어진다	퓨우즈의 용량조사, 교체
기동 토르크가 모자란다	기동방식 교체 또는 용량 늘임
회로가 열려있다(접속 불안전)	과부하 릴레이, 기동시 푸시버턴 조사
코일의 단선	수리
정전 또는 전원이 이상	전원점검
과부하	전류 측정 및 부하조사
베어링 및 부품의 끼임 현상	재조립 또는 교체

※ 기어 및 축, 케이스 등을 교체할 때는 당사로 문의하시기 바라며, 임시방편 또는 잘못된 부품교체는 전체를 손상시키므로 각별히 주의하시기 바랍니다.

KD Heavy Duty Gearedmotor
중부하용

Krex Drive 중부하 Gearedmotor 제품코드

Krex 중부하 Gearedmotor

KD 3003 HT 20 A 60 AB

형번	
2단	3단
1652	
2002	2003
2252	2253
2552	2553
3002	3003
3502	3503
4202	4203
5202	5203

형상	
HT	3ø 호리존탈
VT	3ø 버티칼
HL	라인파워 호리존탈
VL	라인파워버티칼
HC	호리존탈 I.E.C
VC	버티칼 I.E.C
DC	고비율
SC	특주품

설치방향	
A 표준	B 상
C 하	D 경사

감속비
1/10~
1/150

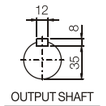
Brake	
AB	AC-B
DB	DC-B

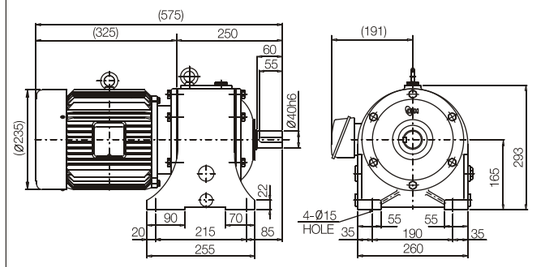
입력동력 3ø 4P												
03	05	08	10	15	20	25	30	40	50	75	100	형번
2.2	3.7	5.5	7.5	11	15	19	22	30	37	55	75	Kw
3	5	7.5	10	15	20	25	30	40	50	75	100	Hp

Krex Drive GEARED MOTOR

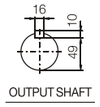
KD Heavy Duty Geared Motor

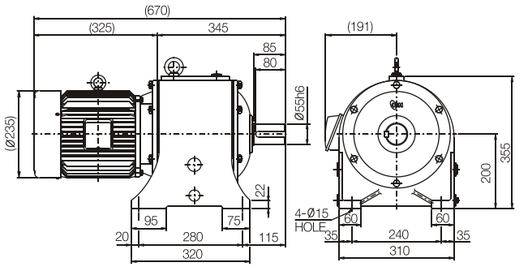
KD H1652	CAPACITY	2.2Kw4P			1.5Kw6P		
	REDUCTION RATIO	1/10	1/15	1/20	1/10	1/15	1/20
	OUTPUT R.P.M	180	120	90	120	80	60
	WEIGHT(Kg)	90					



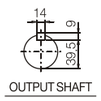


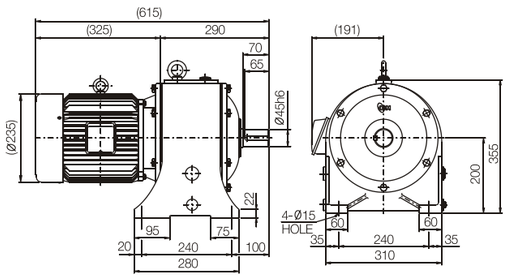
KD H2003	CAPACITY	2.2Kw4P			1.5Kw6P		
	REDUCTION RATIO	1/40	1/50	1/60	1/40	1/50	1/60
	OUTPUT R.P.M	45	36	30	30	24	20
	WEIGHT(Kg)	145					





KD H2002	CAPACITY	2.2Kw4P		1.5Kw6P	
	REDUCTION RATIO	1/25	1/30	1/25	1/30
	OUTPUT R.P.M	72	60	48	40
	WEIGHT(Kg)	98			



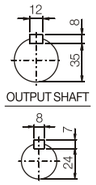


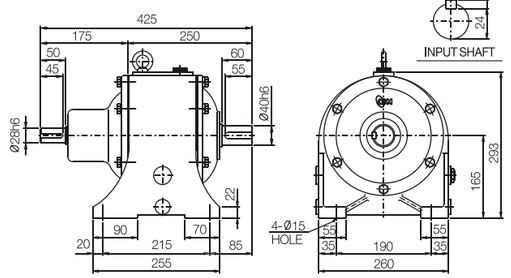
※ ( ) 내의 치수는 모타 제조업체에 따라 다소 변경될 수 있음

Krex Drive LINE POWER

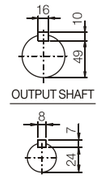
KD Heavy Duty Geared Motor

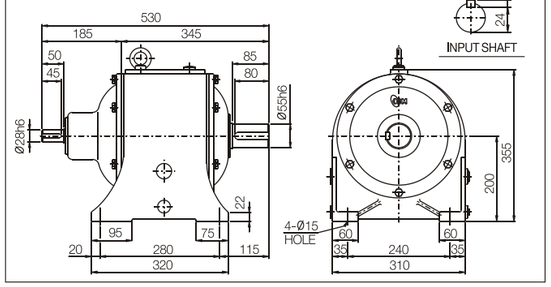
KD-HL H1652	CAPACITY	2.2Kw4P			1.5Kw6P		
	REDUCTION RATIO	1/10	1/15	1/20	1/10	1/15	1/20
	OUTPUT R.P.M	180	120	90	120	80	60
	WEIGHT(Kg)	52					



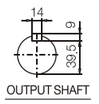


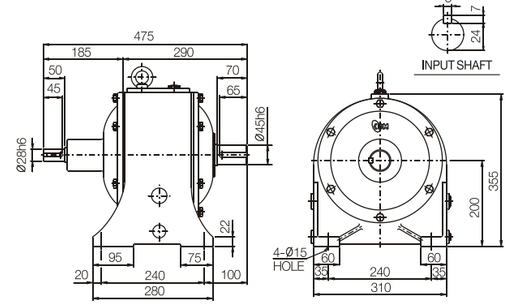
KD-HL H2003	CAPACITY	2.2Kw4P			1.5Kw6P		
	REDUCTION RATIO	1/40	1/50	1/60	1/40	1/50	1/60
	OUTPUT R.P.M	45	36	30	30	24	20
	WEIGHT(Kg)	116					





KD-HL H2002	CAPACITY	2.2Kw4P		1.5Kw6P	
	REDUCTION RATIO	1/25	1/30	1/25	1/30
	OUTPUT R.P.M	72	60	48	40
	WEIGHT(Kg)	76			



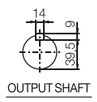


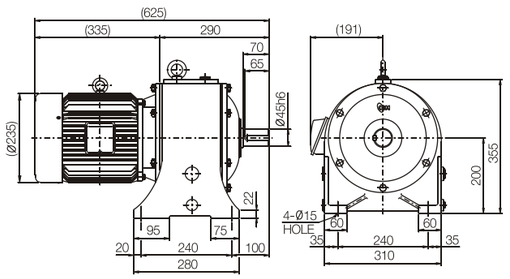
※ ( ) 내의 치수는 모타 제조업체에 따라 다소 변경될 수 있음

Krex Drive GEARED MOTOR

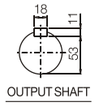
KD Heavy Duty Geared Motor

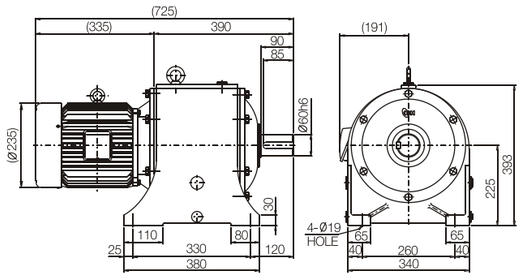
KD H2002						
CAPACITY	3.7Kw4P			2.2Kw6P		
REDUCTION RATIO	1/10	1/15	1/20	1/10	1/15	1/20
OUTPUT R.P.M	180	120	90	120	80	60
WEIGHT(Kg)	115					



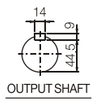


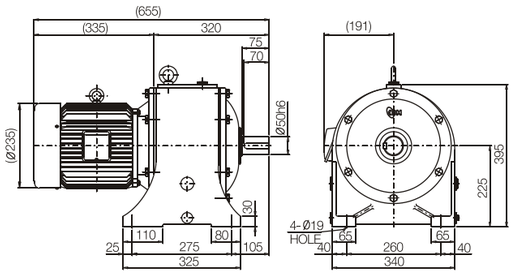
KD H2253						
CAPACITY	3.7Kw4P			2.2Kw6P		
REDUCTION RATIO	1/40	1/50	1/60	1/40	1/50	1/60
OUTPUT R.P.M	45	36	30	30	24	20
WEIGHT(Kg)	190					



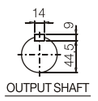


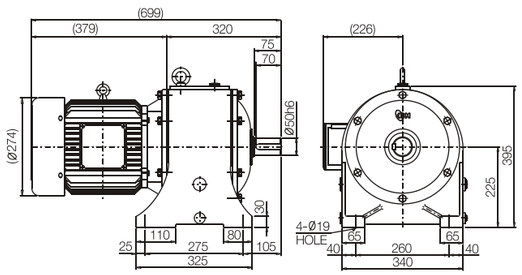
KD H2252				
CAPACITY	3.7Kw4P		2.2Kw6P	
REDUCTION RATIO	1/25	1/30	1/25	1/30
OUTPUT R.P.M	72	60	48	40
WEIGHT(Kg)	140			



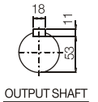


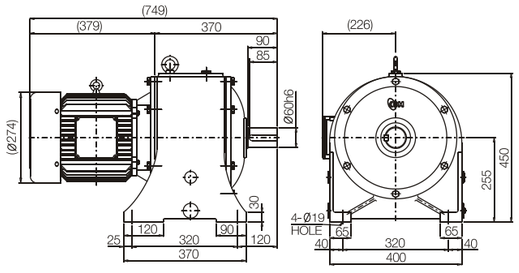
KD H2252						
CAPACITY	5.5Kw4P			3.7Kw6P		
REDUCTION RATIO	1/10	1/15	1/20	1/10	1/15	1/20
OUTPUT R.P.M	180	120	90	120	80	60
WEIGHT(Kg)	165					



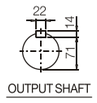


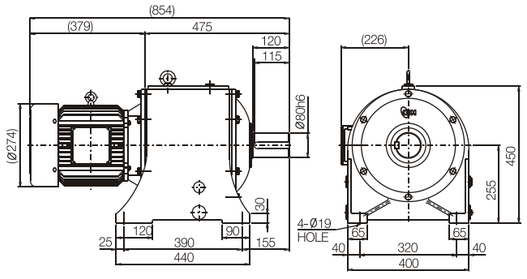
KD H2552				
CAPACITY	5.5Kw4P		3.7Kw6P	
REDUCTION RATIO	1/25	1/30	1/25	1/30
OUTPUT R.P.M	72	60	48	40
WEIGHT(Kg)	205			





KD H2553						
CAPACITY	5.5Kw4P			3.7Kw6P		
REDUCTION RATIO	1/40	1/50	1/60	1/40	1/50	1/60
OUTPUT R.P.M	45	36	30	30	24	20
WEIGHT(Kg)	300					





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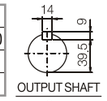
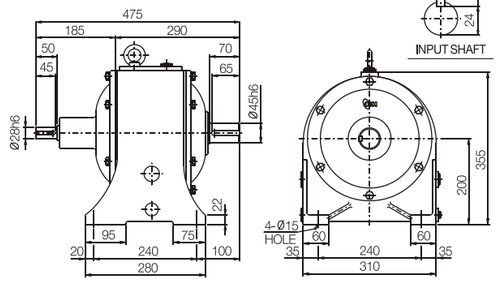
Krex Drive LINE POWER

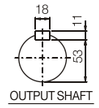
KD Heavy Duty Geared Motor

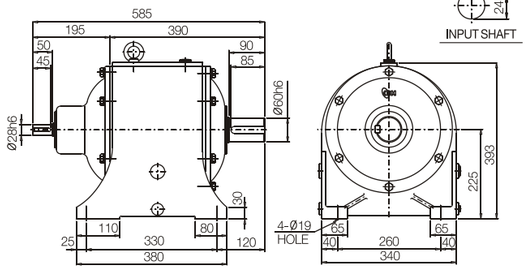
KD-HL H2002						
CAPACITY	3.7Kw4P			2.2Kw6P		
REDUCTION RATIO	1/10	1/15	1/20	1/10	1/15	1/20
OUTPUT R.P.M	180	120	90	120	80	60
WEIGHT(Kg)	76					



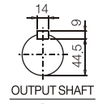


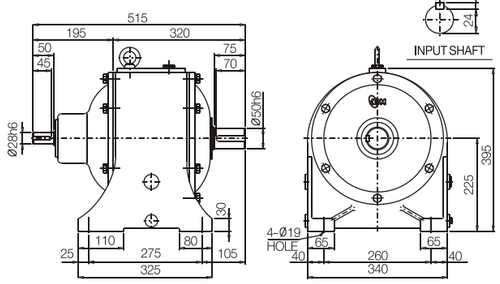
KD-HL H2253						
CAPACITY	3.7Kw4P			2.2Kw6P		
REDUCTION RATIO	1/40	1/50	1/60	1/40	1/50	1/60
OUTPUT R.P.M	45	36	30	30	24	20
WEIGHT(Kg)	160					



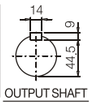


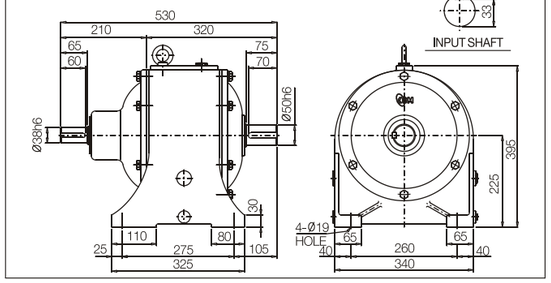
KD-HL H2252				
CAPACITY	3.7Kw4P		2.2Kw6P	
REDUCTION RATIO	1/25	1/30	1/25	1/30
OUTPUT R.P.M	72	60	48	40
WEIGHT(Kg)	105			



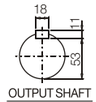


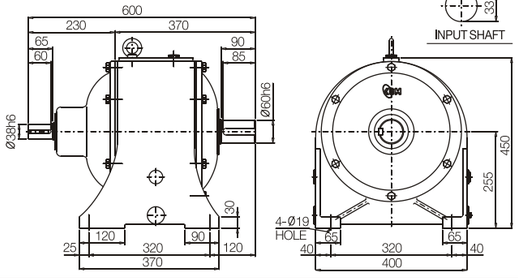
KD-HL H2252						
CAPACITY	5.5Kw4P			3.7Kw6P		
REDUCTION RATIO	1/10	1/15	1/20	1/10	1/15	1/20
OUTPUT R.P.M	180	120	90	120	80	60
WEIGHT(Kg)	107					



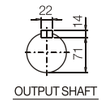


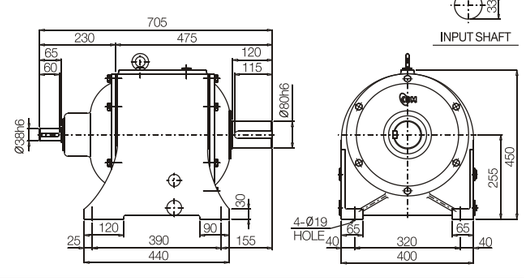
KD-HL H2552				
CAPACITY	5.5Kw4P		3.7Kw6P	
REDUCTION RATIO	1/25	1/30	1/25	1/30
OUTPUT R.P.M	72	60	48	40
WEIGHT(Kg)	175			





KD-HL H2553						
CAPACITY	5.5Kw4P			3.7Kw6P		
REDUCTION RATIO	1/40	1/50	1/60	1/40	1/50	1/60
OUTPUT R.P.M	45	36	30	30	24	20
WEIGHT(Kg)	250					





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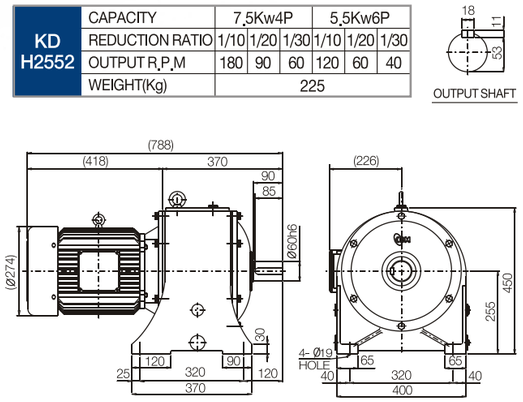
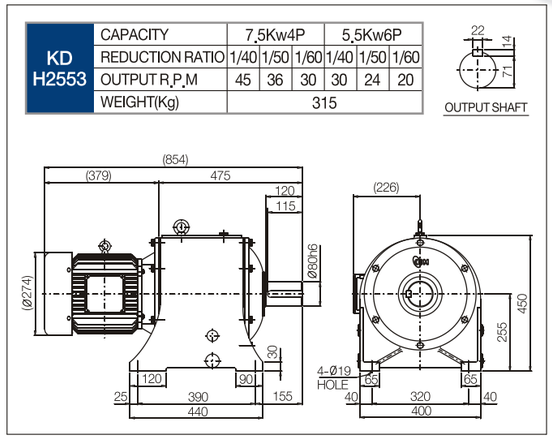
Krex Drive GEARED MOTOR

KD Heavy Duty Geared Motor

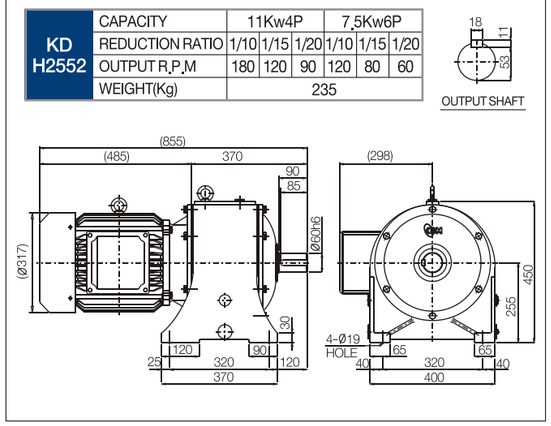
KD H2552						
CAPACITY	7.5Kw4P			5.5Kw6P		
REDUCTION RATIO	1/10	1/20	1/30	1/10	1/20	1/30
OUTPUT R.P.M	180	90	60	120	60	40
WEIGHT(Kg)	225					



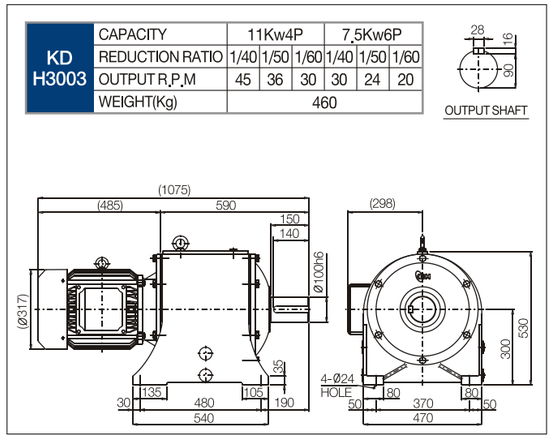
KD H2553						
CAPACITY	7.5Kw4P			5.5Kw6P		
REDUCTION RATIO	1/40	1/50	1/60	1/40	1/50	1/60
OUTPUT R.P.M	45	36	30	30	24	20
WEIGHT(Kg)	315					



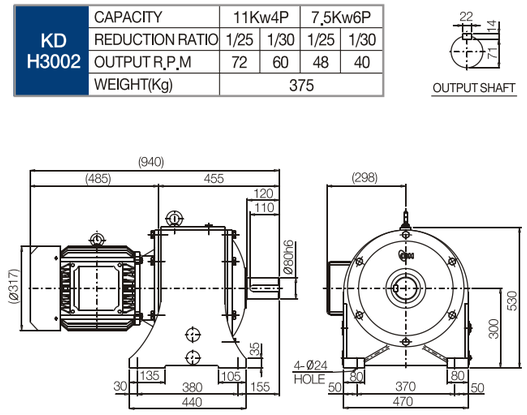
KD H2552						
CAPACITY	11Kw4P			7.5Kw6P		
REDUCTION RATIO	1/10	1/15	1/20	1/10	1/15	1/20
OUTPUT R.P.M	180	120	90	120	80	60
WEIGHT(Kg)	235					



KD H3003						
CAPACITY	11Kw4P			7.5Kw6P		
REDUCTION RATIO	1/40	1/50	1/60	1/40	1/50	1/60
OUTPUT R.P.M	45	36	30	30	24	20
WEIGHT(Kg)	460					



KD H3002				
CAPACITY	11Kw4P		7.5Kw6P	
REDUCTION RATIO	1/25	1/30	1/25	1/30
OUTPUT R.P.M	72	60	48	40
WEIGHT(Kg)	375			



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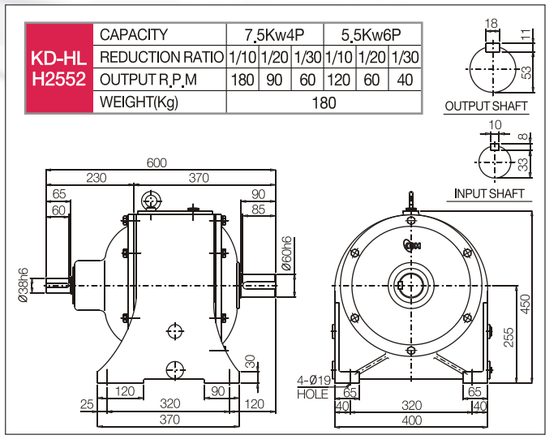
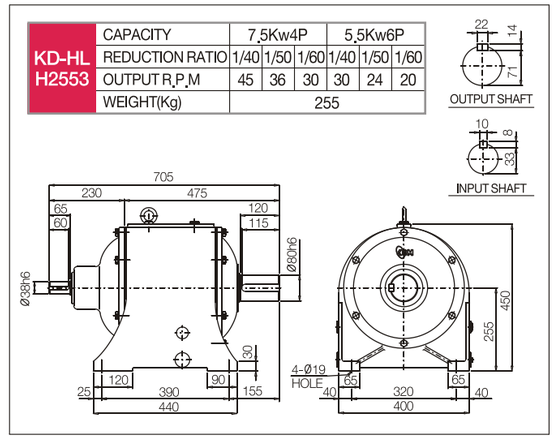
Krex Drive LINE POWER

KD Heavy Duty Geared Motor

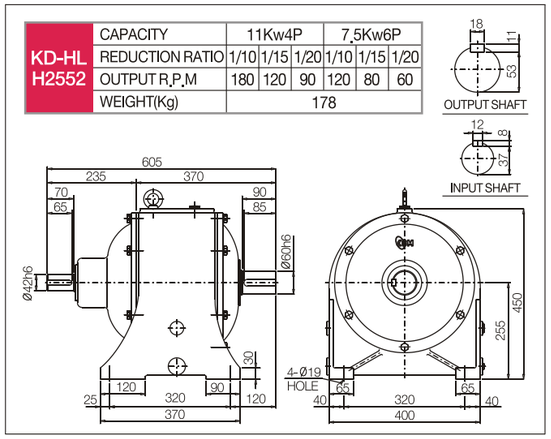
KD-HL H2552						
CAPACITY	7.5Kw4P			5.5Kw6P		
REDUCTION RATIO	1/10	1/20	1/30	1/10	1/20	1/30
OUTPUT R.P.M	180	90	60	120	60	40
WEIGHT(Kg)	180					



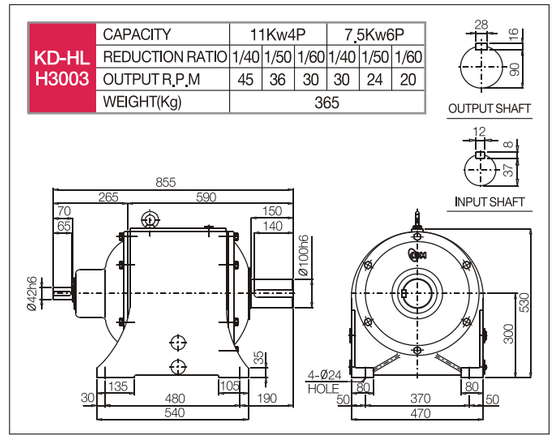
KD-HL H2553						
CAPACITY	7.5Kw4P			5.5Kw6P		
REDUCTION RATIO	1/40	1/50	1/60	1/40	1/50	1/60
OUTPUT R.P.M	45	36	30	30	24	20
WEIGHT(Kg)	255					



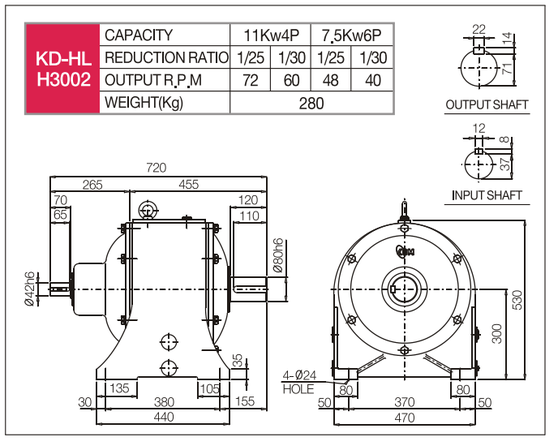
KD-HL H2552						
CAPACITY	11Kw4P			7.5Kw6P		
REDUCTION RATIO	1/10	1/15	1/20	1/10	1/15	1/20
OUTPUT R.P.M	180	120	90	120	80	60
WEIGHT(Kg)	178					



KD-HL H3003						
CAPACITY	11Kw4P			7.5Kw6P		
REDUCTION RATIO	1/40	1/50	1/60	1/40	1/50	1/60
OUTPUT R.P.M	45	36	30	30	24	20
WEIGHT(Kg)	365					



KD-HL H3002				
CAPACITY	11Kw4P		7.5Kw6P	
REDUCTION RATIO	1/25	1/30	1/25	1/30
OUTPUT R.P.M	72	60	48	40
WEIGHT(Kg)	280			



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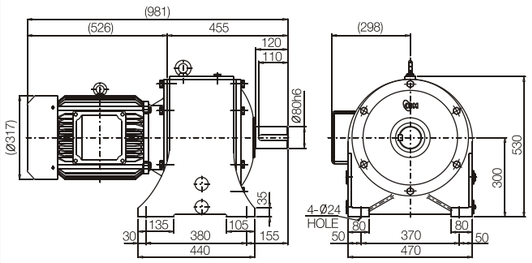
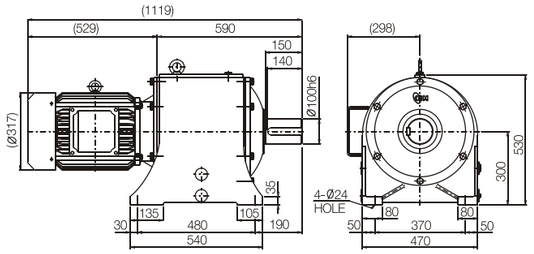
Krex Drive GEARED MOTOR

KD Heavy Duty Geared Motor

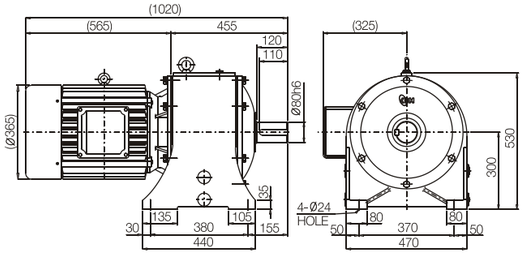
KD H3002						
CAPACITY	15Kw4P			11Kw6P		
REDUCTION RATIO	1/10	1/20	1/30	1/10	1/20	1/30
OUTPUT R.P.M	180	90	60	120	60	40
WEIGHT(Kg)	395					



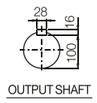
KD H3003						
CAPACITY	15Kw4P			11Kw6P		
REDUCTION RATIO	1/40	1/50	1/60	1/40	1/50	1/60
OUTPUT R.P.M	45	36	30	30	24	20
WEIGHT(Kg)	485					

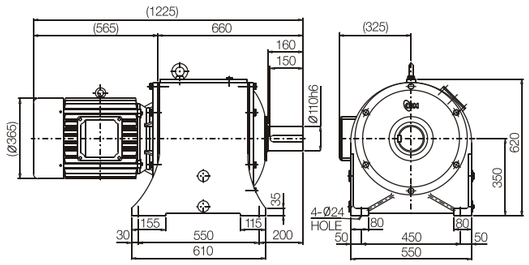


KD H3002						
CAPACITY	22Kw4P			15Kw6P		
REDUCTION RATIO	1/10	1/15	1/20	1/10	1/15	1/20
OUTPUT R.P.M	180	120	90	120	80	60
WEIGHT(Kg)	485					

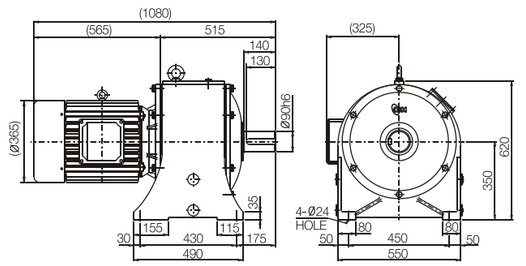


KD H3503						
CAPACITY	22Kw4P			15Kw6P		
REDUCTION RATIO	1/40	1/50	1/60	1/40	1/50	1/60
OUTPUT R.P.M	45	36	30	30	24	20
WEIGHT(Kg)	695					

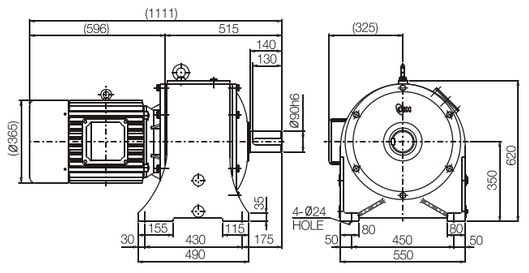




KD H3502				
CAPACITY	22Kw4P		15Kw6P	
REDUCTION RATIO	1/25	1/30	1/25	1/30
OUTPUT R.P.M	72	60	48	40
WEIGHT(Kg)	530			



KD H3502						
CAPACITY	30Kw4P			19,22Kw6P		
REDUCTION RATIO	1/10	1/15	1/20	1/10	1/15	1/20
OUTPUT R.P.M	180	120	90	120	80	60
WEIGHT(Kg)	615					

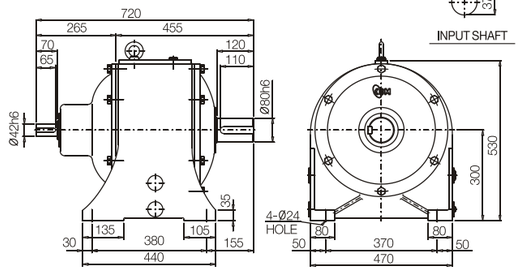


※ ( ) 내의 치수는 모타 제조업체에 따라 다소 변경될 수 있음

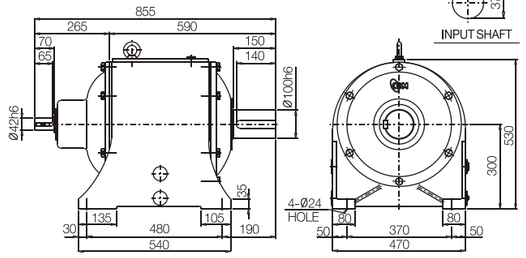
Krex Drive LINE POWER

KD Heavy Duty Geared Motor

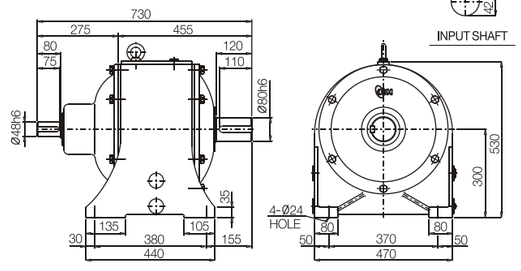
KD-HL H3002						
CAPACITY	15Kw4P			11Kw6P		
REDUCTION RATIO	1/10	1/20	1/30	1/10	1/20	1/30
OUTPUT R.P.M	180	90	60	120	60	40
WEIGHT(Kg)	280					



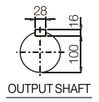
KD-HL H3003						
CAPACITY	15Kw4P			11Kw6P		
REDUCTION RATIO	1/40	1/50	1/60	1/40	1/50	1/60
OUTPUT R.P.M	45	36	30	30	24	20
WEIGHT(Kg)	365					

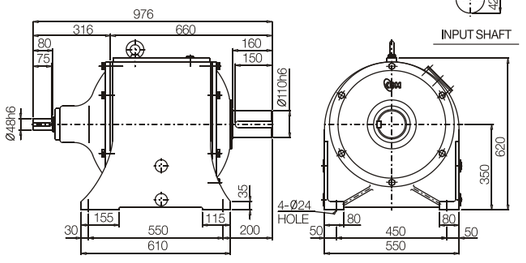


KD-HL H3002						
CAPACITY	22Kw4P			15Kw6P		
REDUCTION RATIO	1/10	1/15	1/20	1/10	1/15	1/20
OUTPUT R.P.M	180	120	90	120	80	60
WEIGHT(Kg)	285					

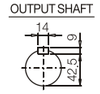


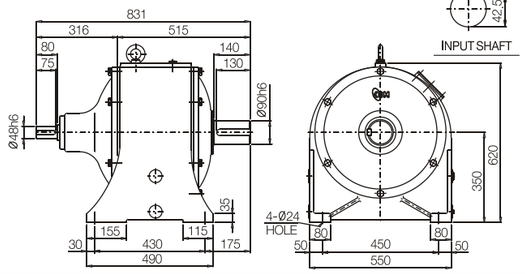
KD-HL H3503						
CAPACITY	22Kw4P			15Kw6P		
REDUCTION RATIO	1/40	1/50	1/60	1/40	1/50	1/60
OUTPUT R.P.M	45	36	30	30	24	20
WEIGHT(Kg)	480					



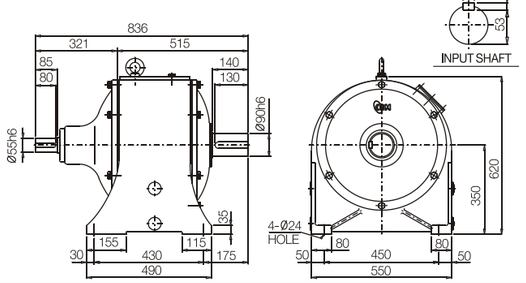


KD-HL H3502				
CAPACITY	22Kw4P		15Kw6P	
REDUCTION RATIO	1/25	1/30	1/25	1/30
OUTPUT R.P.M	72	60	48	40
WEIGHT(Kg)	350			





KD-HL H3502						
CAPACITY	30Kw4P			19,22Kw6P		
REDUCTION RATIO	1/10	1/15	1/20	1/10	1/15	1/20
OUTPUT R.P.M	180	120	90	120	80	60
WEIGHT(Kg)	355					



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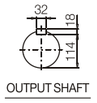
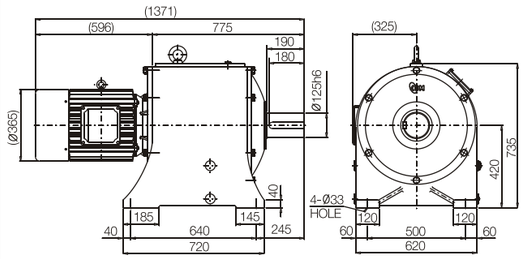
Krex Drive GEARED MOTOR

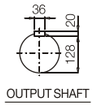
KD Heavy Duty Geared Motor

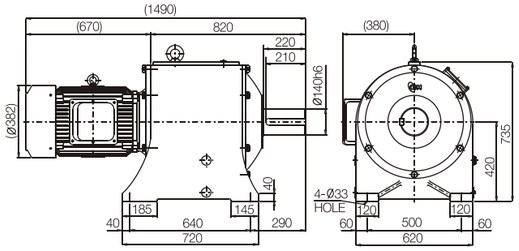
KD H4203	CAPACITY	30Kw4P			22Kw6P		
	REDUCTION RATIO	1/40	1/50	1/60	1/40	1/50	1/60
	OUTPUT R.P.M	45	36	30	30	24	20
	WEIGHT(Kg)	970					



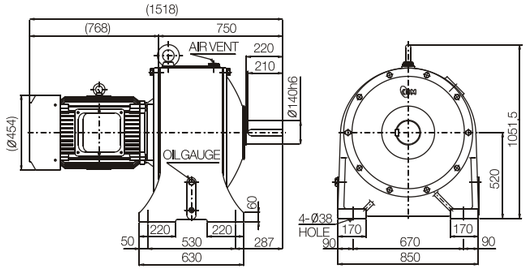


KD H4203	CAPACITY	37Kw4P			30Kw6P		
	REDUCTION RATIO	1/40	1/50	1/60	1/40	1/50	1/60
	OUTPUT R.P.M	45	36	30	30	24	20
	WEIGHT(Kg)	995					

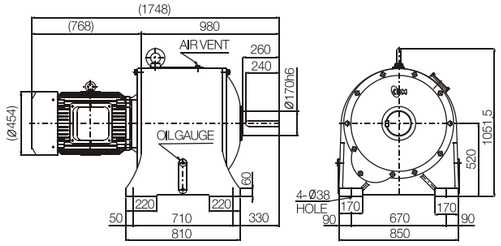




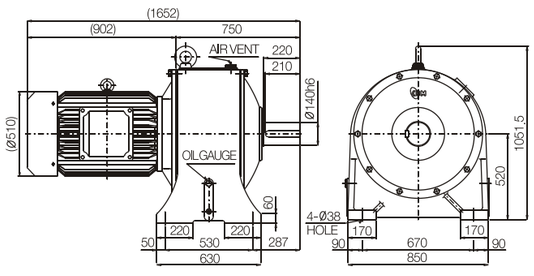
KD H5202	CAPACITY	55Kw4P			37Kw6P		
	REDUCTION RATIO	1/10	1/15	1/20	1/10	1/15	1/20
	OUTPUT R.P.M	180	120	90	120	80	60
	WEIGHT(Kg)	1110					



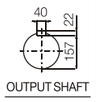
KD H5203	CAPACITY	55Kw4P			37Kw6P		
	REDUCTION RATIO	1/40	1/50	1/60	1/40	1/50	1/60
	OUTPUT R.P.M	45	36	30	30	24	20
	WEIGHT(Kg)	1410					

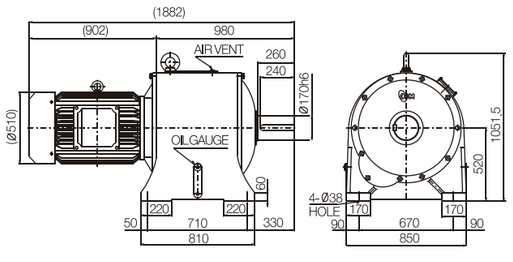


KD H5202	CAPACITY	75Kw4P			55Kw6P		
	REDUCTION RATIO	1/10	1/15	1/20	1/10	1/15	1/20
	OUTPUT R.P.M	180	120	90	120	80	60
	WEIGHT(Kg)	1160					



KD H5203	CAPACITY	75Kw4P			55Kw6P		
	REDUCTION RATIO	1/30	1/40	1/50	1/60	1/30	1/40	1/50	1/60
	OUTPUT R.P.M	60	45	36	30	40	30	24	20
	WEIGHT(Kg)	1460							



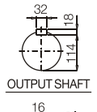


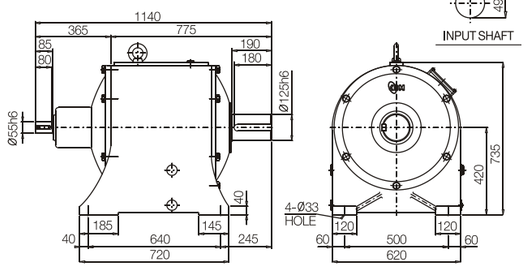
※ ( ) 내의 치수는 모타 제조업체에 따라 다소 변경될 수 있음

Krex Drive LINE POWER

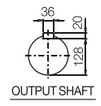
KD Heavy Duty Geared Motor

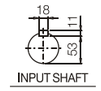
KD-HL H4203	CAPACITY	30Kw4P			22Kw6P		
	REDUCTION RATIO	1/40	1/50	1/60	1/40	1/50	1/60
	OUTPUT R.P.M	45	36	30	30	24	20
	WEIGHT(Kg)	660					

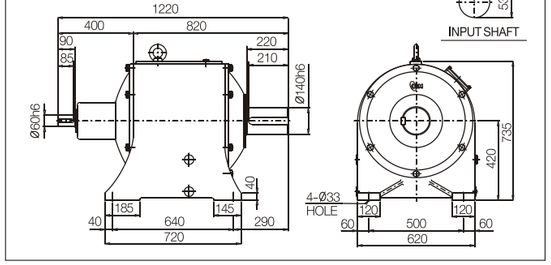




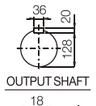
KD-HL H4203	CAPACITY	37Kw4P			30Kw6P		
	REDUCTION RATIO	1/40	1/50	1/60	1/40	1/50	1/60
	OUTPUT R.P.M	45	36	30	30	24	20
	WEIGHT(Kg)	680					

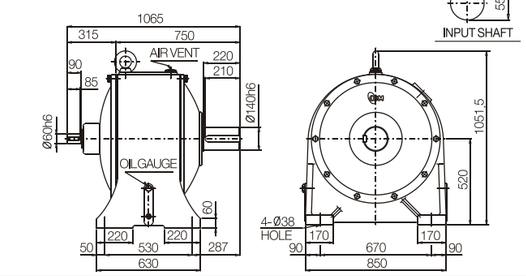




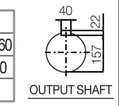


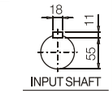
KD-HL H5202	CAPACITY	55Kw4P			37Kw6P		
	REDUCTION RATIO	1/10	1/15	1/20	1/10	1/15	1/20
	OUTPUT R.P.M	180	120	90	120	80	60
	WEIGHT(Kg)	750					

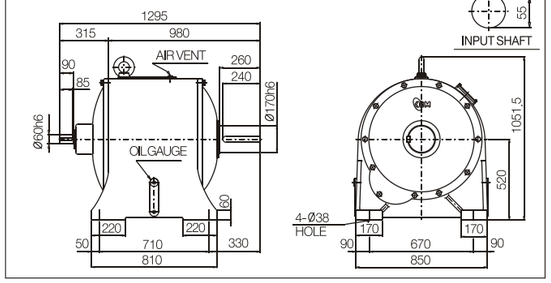




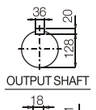
KD-HL H5203	CAPACITY	55Kw4P			37Kw6P		
	REDUCTION RATIO	1/30	1/40	1/50	1/60	1/30	1/40	1/50	1/60
	OUTPUT R.P.M	60	45	36	30	40	30	24	20
	WEIGHT(Kg)	1000							

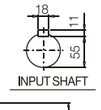


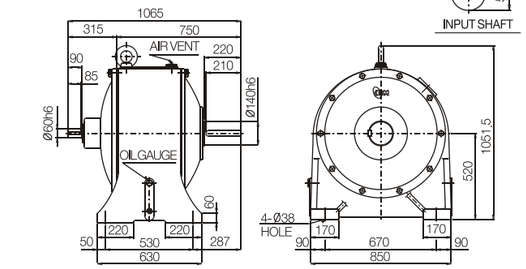




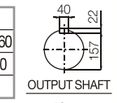
KD-HL H5202	CAPACITY	75Kw4P			55Kw6P		
	REDUCTION RATIO	1/10	1/15	1/20	1/10	1/15	1/20
	OUTPUT R.P.M	180	120	90	120	80	60
	WEIGHT(Kg)	635					

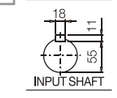


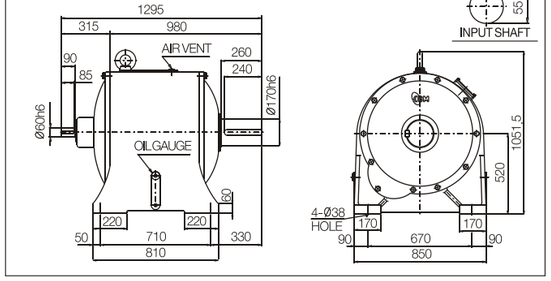




KD-HL H5203	CAPACITY	75Kw4P			55Kw6P		
	REDUCTION RATIO	1/30	1/40	1/50	1/60	1/30	1/40	1/50	1/60
	OUTPUT R.P.M	60	45	36	30	40	30	24	20
	WEIGHT(Kg)	1000							







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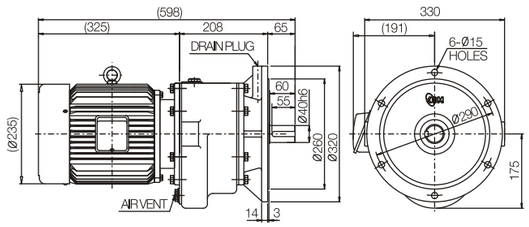
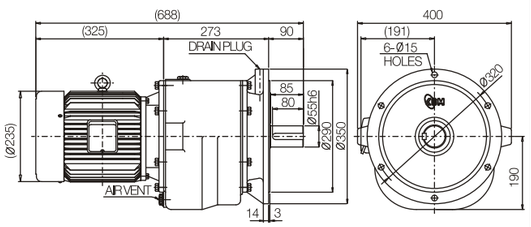
KD V1652	CAPACITY	2.2Kw4P			1.5Kw6P		
	REDUCTION RATIO	1/10	1/15	1/20	1/10	1/15	1/20
	OUTPUT R.P.M	180	120	90	120	80	60
	WEIGHT(Kg)	104					

OUTPUT SHAFT



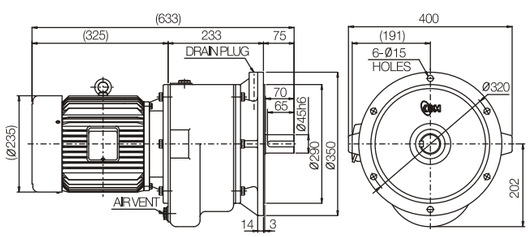
KD V2003	CAPACITY	2.2Kw4P			1.5Kw6P		
	REDUCTION RATIO	1/40	1/50	1/60	1/40	1/50	1/60
	OUTPUT R.P.M	45	36	30	30	24	20
	WEIGHT(Kg)	168					

OUTPUT SHAFT



KD V2002	CAPACITY	2.2Kw4P			1.5Kw6P		
	REDUCTION RATIO	1/25	1/30	1/25	1/30		
	OUTPUT R.P.M	72	60	48	40		
	WEIGHT(Kg)	122					

OUTPUT SHAFT

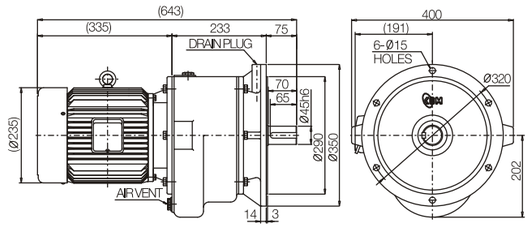


※ ( ) 내의 치수는 모타 제조업체에 따라 다소 변경될 수 있음

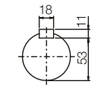
Krex Drive
KD Heavy Duty Geared Motor
V.T GEARED MOTOR

KD V2002	CAPACITY	3.7Kw4P			2.2Kw6P		
	REDUCTION RATIO	1/10	1/15	1/20	1/10	1/15	1/20
	OUTPUT R.P.M	180	120	90	120	80	60
	WEIGHT(Kg)	133					

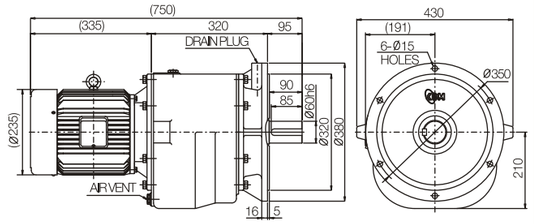
OUTPUT SHAFT



KD H2253	CAPACITY	3.7Kw4P			2.2Kw6P		
	REDUCTION RATIO	1/40	1/50	1/60	1/40	1/50	1/60
	OUTPUT R.P.M	45	36	30	30	24	20
	WEIGHT(Kg)	210					

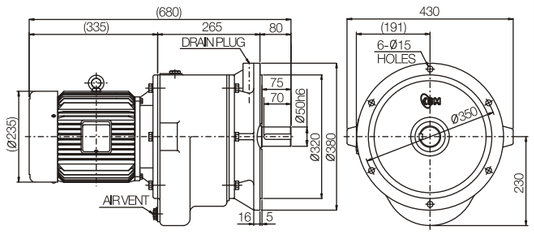


OUTPUT SHAFT

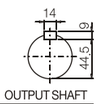


KD V2252	CAPACITY	3.7Kw4P		2.2Kw6P	
	REDUCTION RATIO	1/25	1/30	1/25	1/30
	OUTPUT R.P.M	72	60	48	40
	WEIGHT(Kg)	160			

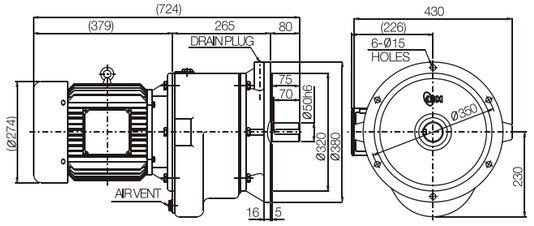
OUTPUT SHAFT



KD V2252	CAPACITY	5.5Kw4P			3.7Kw6P		
	REDUCTION RATIO	1/10	1/15	1/20	1/10	1/15	1/20
	OUTPUT R.P.M	180	120	90	120	80	60
	WEIGHT(Kg)	180					

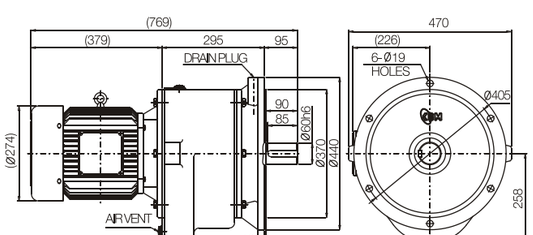


OUTPUT SHAFT

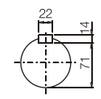


KD V2552	CAPACITY	5.5Kw4P		3.7Kw6P	
	REDUCTION RATIO	1/25	1/30	1/25	1/30
	OUTPUT R.P.M	72	60	48	40
	WEIGHT(Kg)	240			

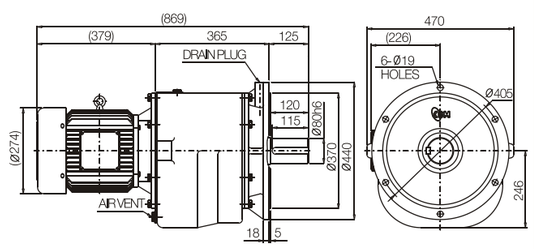
OUTPUT SHAFT



KD V2553	CAPACITY	5.5Kw4P			3.7Kw6P		
	REDUCTION RATIO	1/40	1/50	1/60	1/40	1/50	1/60
	OUTPUT R.P.M	45	36	30	30	24	20
	WEIGHT(Kg)	332					



OUTPUT SHAFT



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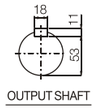
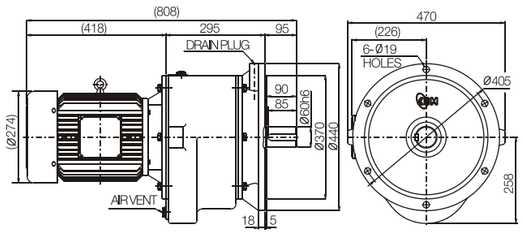
Krex Drive V.T GEARED MOTOR

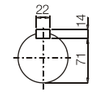
KD Heavy Duty Geared Motor

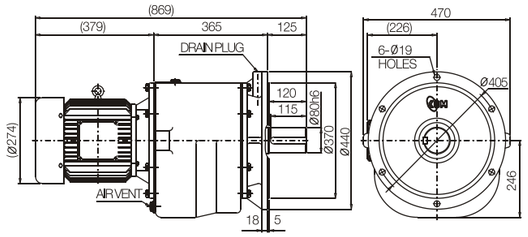
KD V2552	CAPACITY	7.5Kw4P			5.5Kw6P		
	REDUCTION RATIO	1/10	1/20	1/30	1/10	1/20	1/30
	OUTPUT R.P.M	180	90	60	120	60	40
	WEIGHT(Kg)	260					



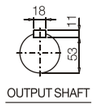


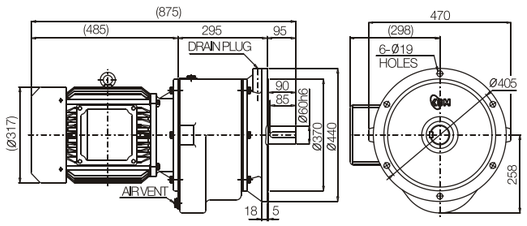
KD V2553	CAPACITY	7.5Kw4P			5.5Kw6P		
	REDUCTION RATIO	1/40	1/50	1/60	1/40	1/50	1/60
	OUTPUT R.P.M	45	36	30	30	24	20
	WEIGHT(Kg)	350					



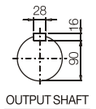


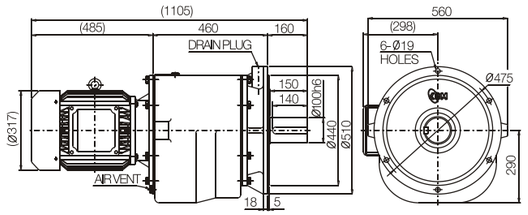
KD V2552	CAPACITY	11Kw4P			7.5Kw6P		
	REDUCTION RATIO	1/10	1/15	1/20	1/10	1/15	1/20
	OUTPUT R.P.M	180	120	90	120	80	60
	WEIGHT(Kg)	315					



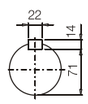


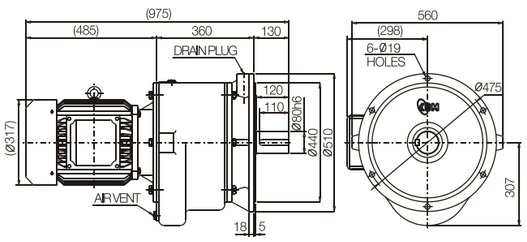
KD V3003	CAPACITY	11Kw4P			7.5Kw6P		
	REDUCTION RATIO	1/40	1/50	1/60	1/40	1/50	1/60
	OUTPUT R.P.M	45	36	30	30	24	20
	WEIGHT(Kg)	490					





KD V3002	CAPACITY	11Kw4P		7.5Kw6P	
	REDUCTION RATIO	1/25	1/30	1/25	1/30
	OUTPUT R.P.M	72	60	48	40
	WEIGHT(Kg)	415			





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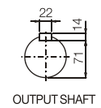
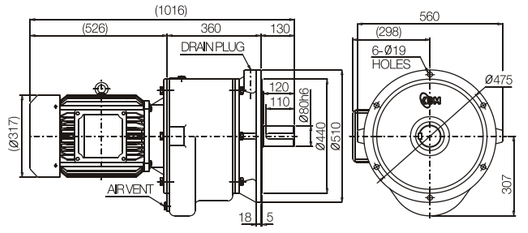
Krex Drive V.T GEARED MOTOR

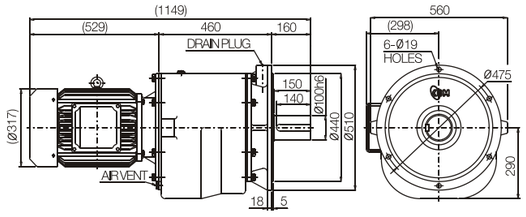
KD Heavy Duty Geared Motor

KD V3002	CAPACITY	15Kw4P			11Kw6P		
	REDUCTION RATIO	1/10	1/20	1/30	1/10	1/20	1/30
	OUTPUT R.P.M	180	90	60	120	60	40
	WEIGHT(Kg)	435					

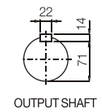


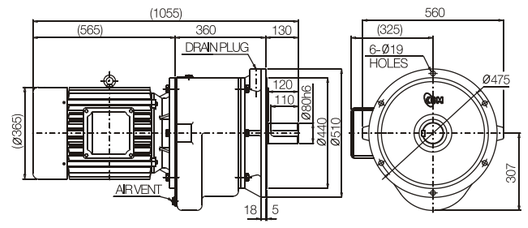


KD V3003	CAPACITY	15Kw4P			11Kw6P		
	REDUCTION RATIO	1/40	1/50	1/60	1/40	1/50	1/60
	OUTPUT R.P.M	45	36	30	30	24	20
	WEIGHT(Kg)	530					

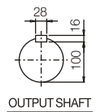


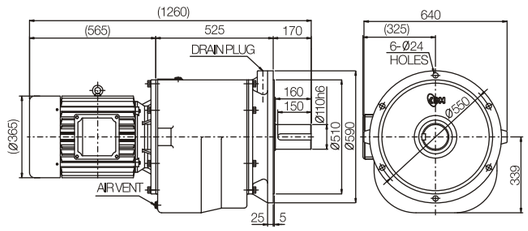
KD V3002	CAPACITY	22Kw4P			15Kw6P		
	REDUCTION RATIO	1/10	1/15	1/20	1/10	1/15	1/20
	OUTPUT R.P.M	180	120	90	120	80	60
	WEIGHT(Kg)	525					



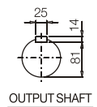


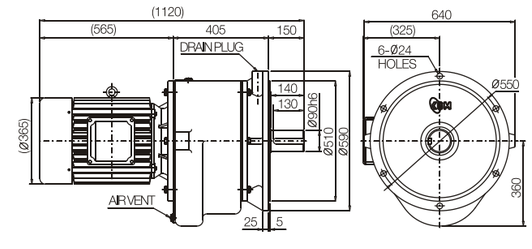
KD V3503	CAPACITY	22Kw4P			15Kw6P		
	REDUCTION RATIO	1/40	1/50	1/60	1/40	1/50	1/60
	OUTPUT R.P.M	45	36	30	30	24	20
	WEIGHT(Kg)	740					



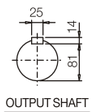


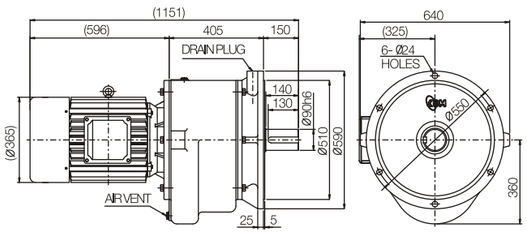
KD V3502	CAPACITY	22Kw4P		15Kw6P	
	REDUCTION RATIO	1/25	1/30	1/25	1/30
	OUTPUT R.P.M	72	60	48	40
	WEIGHT(Kg)	590			





KD V3502	CAPACITY	30Kw4P			19, 22Kw6P		
	REDUCTION RATIO	1/10	1/15	1/20	1/10	1/15	1/20
	OUTPUT R.P.M	180	120	90	120	80	60
	WEIGHT(Kg)	590					





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