

CPW
pumps

Cosmic

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HYDRAULIC PUMP

CRP4 SERIES



Medium-pressure:CRP4



● Ordering codes

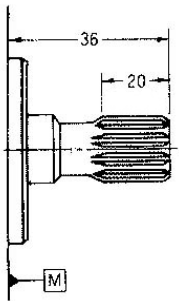
CRP4	A	23	A	S	M	F1	F2
①	②	③	④	⑤	⑥	⑦	⑧



1	Pump series- CRP4
2	Mounting spigot diameter- A:82.5 、 -:82
3	Nominal displacement (cm ³ /rev)-17、19、20、21、23、25、27、28、30、33
4	Direction of Rotation- A: Anti-clockwise 、 C: Clockwise
5	Shaft type- S: SAE spline 、 E: SAE spline 、 P: Plain key T: Taper shaft
6	Mounting- O: Opening(2~Ø11)、C: Inner bore(Ø11)、M: Bolts(M10-P1.25)
7	Inlet port type- 2: SAE screw thread port 、 1-SAE flange port
8	Outlet port type- 2: SAE screw thread port 、 1-SAE flange port
9	Port location- F: side 、 D: rear

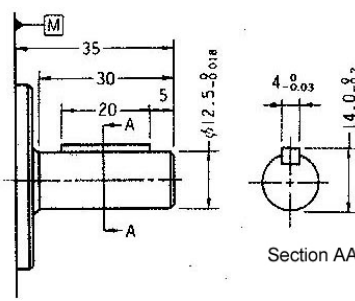
● Shaft type

• S: SAE spline



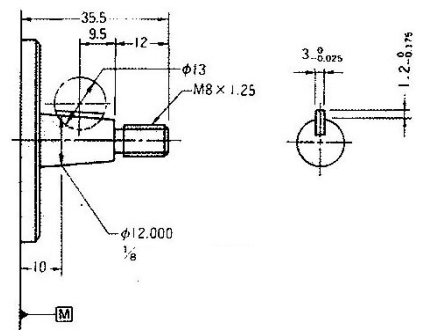
D.P. 16/32
TEETH 10
Pressure Angle 30°
P.C.D. 15.875
Large diameter Ø17.043
Small diameter Ø13.868

• P: Plain key

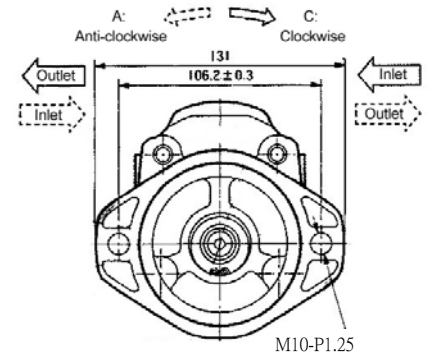
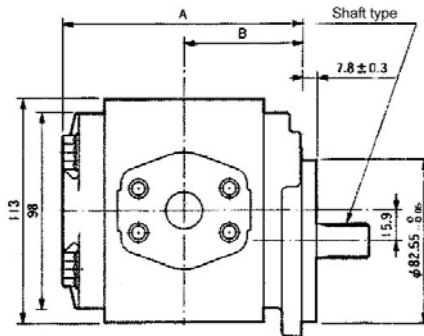
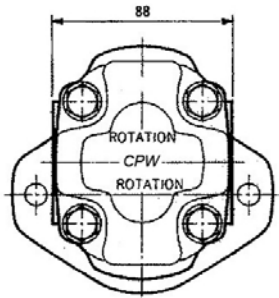


D.P. 16/32
TEETH 11
Pressure Angle 30°
P.C.D. 17.463
Large diameter Ø18.631
Small diameter Ø15.456

• T: Taper shaft

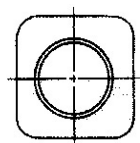


● Installation dimensions single unit:mm



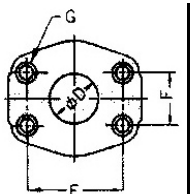
● Port configuration

2-SAE screw thread port



	Inlet	Outlet
Thread Gauge	1-1/16-12UNC, deep:19	7/8-14UNF, deep:17

1-SAE flange port



	Inlet	Outlet
D	25	18
E	52.4	47.6
F	26.2	22.2
G	3/8-16UNC	3/8-16UNC

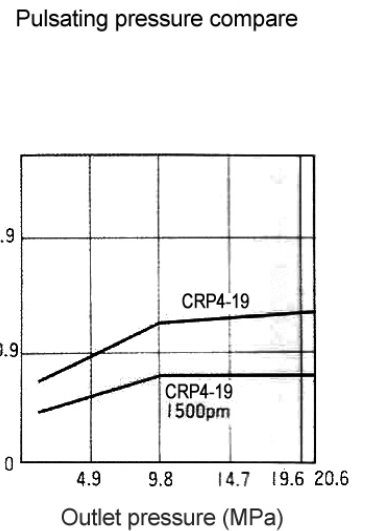
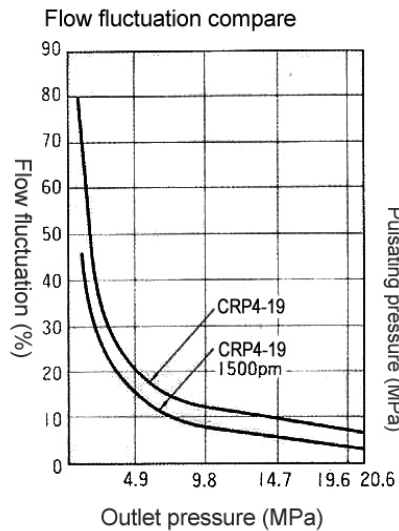
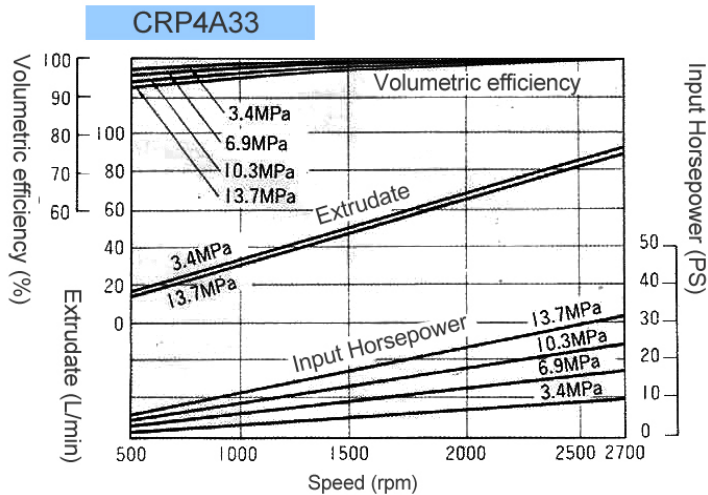
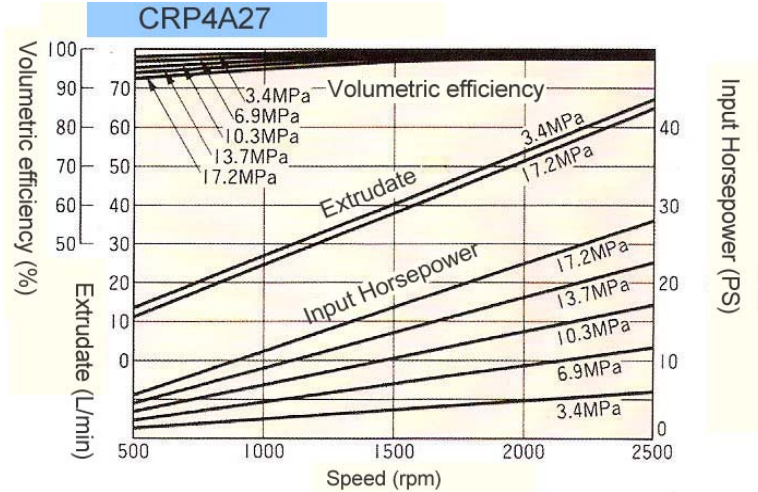
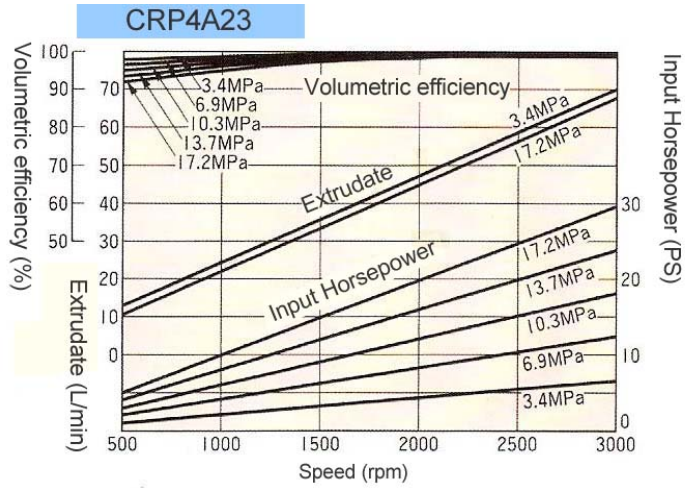
Pump series	Assemble size		Port configuration
	A(mm)	B(mm)	
CRP4A23	125.2	61.5	1/2
CRP4A25	127	62.5	
CRP4A27	130	63.9	
CRP4A30	134.4	66.2	
CRP4A33	139	68.4	

Medium-pressure:CRP4

● Performance parameters

Pump series	Nominal displacement (cm ³ /rev)	Max pressure (MPa)	Rotation speed(rpm)		Weight (kg)
			Min.	Max.	
CRP4A23	22.9	17.2	650	3000	3.3
CRP4A25	24.9		650	3000	3.4
CRP4A27	27.8	17.2	650	2500	3.5
CRP4A30	30.2		650	2500	3.6
CRP4A33	33.3	13.7	650	2700	3.7


● Performance








*Price depend on availability. *Pictures and dimensions are for reference only.

CPW NO.	CRP4A17CSCF1	INQUIRE
MODEL	NISSAN - CB01, UB01	
	②	⑥
	A:82.5	C
	③	⑦
	17	F1
	④	⑧
	C	
	⑤	
S:10		
Reference number		
KZP4-17CSBB		


CPW NO.	CRP4A19ASOF1	INQUIRE
MODEL	MITSUBISHI - FD15-F16B	
	②	⑥
	A:82.5	O
	③	⑦
	19	F1
	④	⑧
	A	
	⑤	
S:10		
Reference number		
KZP4-19ASESKN		


CPW NO.	CRP4A19CSCH1F1F2	INQUIRE
MODEL		
	②	⑥
	A:82.5	C
	③	⑦
	19	F1
	④	⑧
	C	F2
	⑤	
S:10		
Reference number		
KRP4-19CVPGN		
KRP4-19CVPG		


CPW NO.	CRP4A19CSCF1	INQUIRE
MODEL	KOMATSU	
	②	⑥
	A:82.5	C
	③	⑦
	19	F1
	④	⑧
	C	
	⑤	
S:10		
Reference number		
KRP4-19CSSB, KRP4-19CSSB-0CEO		
KRP4-19CSSBDN, KZP4-19CSBB		


CPW NO.	CRP4A19CSMF1	INQUIRE
MODEL	TOYOTA - 2SDG10~12	
	②	⑥
	A:82.5	M
	③	⑦
	19	F1
	④	⑧
	C	
	⑤	
S:10		
Reference number		
KRP4-19C		


CPW NO.	CRP4A21CSCF1F2	INQUIRE
MODEL	TOYOTA	
	②	⑥
	A:82.5	C
	③	⑦
	20	F1
	④	⑧
	C	F2
	⑤	
S:10		
Reference number		
KFS4-20CSGBZ6		


CPW NO.	CRP4A21CSCF1	INQUIRE
MODEL	KOMATSU	
	②	⑥
	A:82.5	C
	③	⑦
	21	F1
	④	⑧
	C	
	⑤	
S:10		
Reference number		
KZP4-21CSSBDD		
KRP4-21CSSBDD		

CPW NO.	CRP4A21CSMF1	INQUIRE
MODEL	TOYOTA - 2FD25	
	②	⑥
	A:82.5	M
	③	⑦
	21	F1
	④	⑧
	C	
	⑤	
S:10		
Reference number		
KZP4-21CSSFD		
KZP4-21CSSF		

CPW NO.	CRP4A23ASCH1F1F2	INQUIRE
MODEL		
	②	⑥
	A:82.5	C
	③	⑦
	23	F1
	④	⑧
	A	F2
	⑤	
S:10		
Reference number		
KRP4-23AVEN		


CPW NO.	CRP4A23ASOH2F1F2	INQUIRE
MODEL	MITSUBISHI	
	②	⑥
	A:82.5	O
	③	⑦
	23	F1
	④	⑧
	A	F2
	⑤	
S:10		
Reference number		
KRP4-23AVH		


CPW NO.	CRP4A23ASOLF1F2	INQUIRE
MODEL	MITSUBISHI	
	②	⑥
	A:82.5	O
	③	⑦
	23	F1
	④	⑧
	A	F2
	⑤	
S:10		
Reference number		
KZP4-23ASESKN		


CPW NO.	CRP4A23CSCH1F1F2	INQUIRE
MODEL		
	②	⑥
	A:82.5	C
	③	⑦
	23	F1
	④	⑧
	C	F2
	⑤	
S:10		
Reference number		
KRP4-23CVFM, KRP4-23CVFMJ, KRP4-23CVMJ		
KRP4-23CVMK, KRP4-23CVM LN, KRP4-23CVM M		




*Price depend on availability. *Pictures and dimensions are for reference only.

CPW NO.	CRP4A23CSCH1F1F2	INQUIRE	
MODEL			
	②	⑥	
	A:82.5	C	
	③	⑦	
	23	F1	
	④	⑧	
	C	F2	
	⑤		
S:10			
Reference number			
KRP4-23CV			
KRP4-23CVJ			


CPW NO.	CRP4A23CSCH1F1F2	INQUIRE	
MODEL			
	②	⑥	
	A:82.5	C	
	③	⑦	
	23	F1	
	④	⑧	
	C	F2	
	⑤		
S:10			
Reference number			
KRP4-23CVPGN			


CPW NO.	CRP4A23CSCH1F1F2	INQUIRE	
MODEL			
	②	⑥	
	A:82.5	C	
	③	⑦	
	23	F1	
	④	⑧	
	C	F2	
	⑤		
S:10			
Reference number			
KRP4-23CVMF, KRP4-23CVMH			
KRP4-23CVMHH, KRP4-23CVMHJ			

CPW NO.	CRP4A23CSCH1F1F2	INQUIRE	
MODEL			
	②	⑥	
	A:82.5	C	
	③	⑦	
	23	F1	
	④	⑧	
	C	F2	
	⑤		
S:10			
Reference number			
KRP4-23CVEN			


CPW NO.	CRP4A23CSCF1F2	INQUIRE	
MODEL	TCM		
	②	⑥	
	A:82.5	C	
	③	⑦	
	23	F1	
	④	⑧	
	C	F2	
	⑤		
S:10			
Reference number			
KRP4-23CSSBKN			
KZP4-23CSPBN			


CPW NO.	CRP4A23CSCF1	INQUIRE	
MODEL	KOMATSU - FG25Z11-H20		
	②	⑥	
	A:82.5	C	
	③	⑦	
	23	F1	
	④	⑧	
	C	F2	
	⑤		
S:10			
Reference number			
KRP4-23CSSBKN, KRP4-23CSSB			
KRP4-23CSSBK, KRP4-23CSSBKD, KRP4-23CSSBQ			


CPW NO.	CRP4A25CSMF1D2	INQUIRE	
MODEL	TOYOTA - 7FGDU15~18		
	②	⑥	
	A:82.5	M	
	③	⑦	
	25	F1	
	④	⑧	
	C	D2	
	⑤		
S:10			
Reference number			
KZP4-25CSRFD			

CPW NO.	CRP4A23CSMF1	INQUIRE	
MODEL	TOYOTA - 7FG10~25		
	②	⑥	
	A:82.5	M	
	③	⑦	
	23	F1	
	④	⑧	
	C		
	⑤		
S:10			
Reference number			
KRP4-23CSSFD, KZP4-23CSMFDD			
KZP4-23CSSDD, KRP4-23CSSFDN			


CPW NO.	CRP4A25ASCHF1F2	INQUIRE	
MODEL	YALE - GLP25		
	②	⑥	
	A:82.5	C	
	③	⑦	
	25	F1	
	④	⑧	
	A	F2	
	⑤		
S:10			
Reference number			
PB8LK241			

CPW NO.	CRP4A25ASCH1F1F2	INQUIRE	
MODEL	HYSTER - H40XL=H250XL		
	②	⑥	
	A:82.5	C	
	③	⑦	
	25	F1	
	④	⑧	
	A	F2	
	⑤		
S:10			
Reference number			
KRP4-25AVQN6			
KRP4-25AQVN			


CPW NO.	CRP4A25ASOLF1FN	INQUIRE	
MODEL	mitsubishi - FG15~18F25A		
	②	⑥	
	A:82.5	O	
	③	⑦	
	25	F1	
	④	⑧	
	A	FN	
	⑤		
S:10			
Reference number			
KRP4-25AEND			


CPW NO.	CRP4A25ASOH2F1F2	INQUIRE	
MODEL			
	②	⑥	
	A:82.5	O	
	③	⑦	
	25	F1	
	④	⑧	
	A	F2	
	⑤		
S:10			
Reference number			
KRP4-25AVHH			


**Price depend on availability. *Pictures and dimensions are for reference only.*


CPW NO.	CRP4A25CSCHF1D2	INQUIRE
MODEL	HYSTER - H40XL=H200XL=H40	
	②	⑥
	A:82.5	C
	③	⑦
	25	F1
	④	⑧
	C	D2
	⑤	
S:10		
Reference number		
KRP4-25CVQN		


CPW NO.	CRP4A25CSCF1F2	INQUIRE
MODEL	TOYOTA	
	②	⑥
	A:82.5	C
	③	⑦
	25	F1
	④	⑧
	C	F2
	⑤	
S:10		
Reference number		
KFS4-25CSGBZ6		


CPW NO.	CRP4A25CSCF1	INQUIRE
MODEL	TOYOTA - 5FBCU15	
	②	⑥
	A:82.5	C
	③	⑦
	25	F1
	④	⑧
	C	
	⑤	
S:10		
Reference number		
KRP4-25CSSBKN		
KRP4-25CSSRKN		


CPW NO.	CRP4A25CSMHF1D2	INQUIRE
MODEL	TOYOTA	
	②	⑥
	A:82.5	M
	③	⑦
	25	F1
	④	⑧
	C	D2
	⑤	
S:10		
Reference number		
KZP4-25CVR6		


CPW NO.	CRP4A25CSMF1D2	INQUIRE
MODEL	TOYOTA - 7FGDU15~18	
	②	⑥
	A:82.5	M
	③	⑦
	25	F1
	④	⑧
	C	D2
	⑤	
S:10		
Reference number		
KZP4-25CSRFD5		
KFZ4-25CSRFD5		


CPW NO.	CRP4A25CSMF1	INQUIRE
MODEL	TOYOTA - FB15~20	
	②	⑥
	A:82.5	M
	③	⑦
	25	F1
	④	⑧
	C	
	⑤	
S:10		
Reference number		
KZP4-25CSSDD		
KZP4-25CSSFD		


CPW NO.	CRP4A27.17CSCF1-4	INQUIRE
MODEL	KOMATSU	
	②	⑥
	A:82.5	C
	③	⑦
	27.17	F1
	④	⑧
	C	
	⑤	
S:10		
Reference number		
KRP4-27-17CES		

CPW NO.	CRP4A27.23CSCF1-4	INQUIRE
MODEL	NISSAN - F05A60	
	②	⑥
	A:82.5	C
	③	⑦
	27.23	F1
	④	⑧
	C	
	⑤	
S:10		
Reference number		
KRP4-27-23CV		

CPW NO.	CRP4A27.5CSMF1F2	INQUIRE
MODEL	TOYOTA - 5FGDF20	
	②	⑥
	A:82.5	M
	③	⑦
	27.5	F1
	④	⑧
	C	F2
	⑤	
S:10		
Reference number		
KZP4-27KRP4-5CF		
KZP4-28KRP4-5CF		


CPW NO.	CRP4A27AECH1F1F2	INQUIRE
MODEL	NISSAN	
	②	⑥
	A:82.5	C
	③	⑦
	27	F1
	④	⑧
	A	F2
	⑤	
E:11		
Reference number		
KRP4-27AVGDN		


CPW NO.	CRP4A27ASCHF1F2	INQUIRE
MODEL	YALE - GDP25~30	
	②	⑥
	A:82.5	C
	③	⑦
	27	F1
	④	⑧
	A	F2
	⑤	
S:10		
Reference number		
PB9LK242		


CPW NO.	CRP4A27ASCH1F1F2	INQUIRE
MODEL	HYSTER - S2.5XL	
	②	⑥
	A:82.5	C
	③	⑦
	27	F1
	④	⑧
	A	F2
	⑤	
S:10		
Reference number		
KRP4-27AVNFN		
KRP4-27AVNF		





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CPW NO.	CRP4A27ASCF1	INQUIRE
MODEL	KOMATSU - FD25~30Z8/10	
	②	⑥
	A:82.5	C
	③	⑦
	27	F1
	④	⑧
	A	
	⑤	
S:10		
Reference number		
KZP4-27ASSDD, KRP4-27ASSBDN		
KZP4-27ASSB, KRP4-27ASSFY		


CPW NO.	CRP4A27ASMF1	INQUIRE
MODEL		
	②	⑥
	A:82.5	M
	③	⑦
	27	F1
	④	⑧
	A	
	⑤	
S:10		
Reference number		
KRP4-27ASSFDN		


CPW NO.	CRP4A27ASOH2F1F2	INQUIRE
MODEL		
	②	⑥
	A:82.5	O
	③	⑦
	27	F1
	④	⑧
	A	F2
	⑤	
S:10		
Reference number		
KRP4-27AKV		


CPW NO.	CRP4A27ASOLF1F2	INQUIRE
MODEL	MITSUBISHI	
	②	⑥
	A:82.5	O
	③	⑦
	27	F1
	④	⑧
	A	F2
	⑤	
S:10		
Reference number		
KRP4-27AENDJ		


CPW NO.	CRP4A27ASOF1F2	INQUIRE
MODEL	YALE - FD20P6	
	②	⑥
	A:82.5	O
	③	⑦
	27	F1
	④	⑧
	A	F2
	⑤	
S:10		
Reference number		
KRP4-27ASRBDN		


CPW NO.	CRP4A27CPOF1	INQUIRE
MODEL	HYSTER	
	②	⑥
	A:82.5	O
	③	⑦
	27	F1
	④	⑧
	C	
	⑤	
P		
Reference number		
KRP4-27CPOZZ		


CPW NO.	CRP4A27CSCH1F1F2	INQUIRE
MODEL		
	②	⑥
	A:82.5	C
	③	⑦
	27	F1
	④	⑧
	C	F2
	⑤	
S:10		
Reference number		
KRP4-27CV, KRP4-27CVMF		
KRP4-27CVMFJ		

CPW NO.	CRP4A27CSCF1F2	INQUIRE
MODEL	NISSAN - QP02L20U	
	②	⑥
	A:82.5	C
	③	⑦
	27	F1
	④	⑧
	C	F2
	⑤	
S:10		
Reference number		
KRP4-27CSRBDN		


CPW NO.	CRP4A27CSCF1	INQUIRE
MODEL	KOMATSU - FG20~30H-11	
	②	⑥
	A:82.5	C
	③	⑦
	27	F1
	④	⑧
	C	
	⑤	
S:10		
Reference number		
KZP4-27CSBBF		
KRP4-27CSSBQ		


CPW NO.	CFP4A28CSMF1D2	INQUIRE
MODEL		
	②	⑥
	A:82.5	M
	③	⑦
	28	F1
	④	⑧
	C	D2
	⑤	
S:10		
Reference number		
KFZ4-27CSRFD, KZP4-28CSRFDN		
KRP4-28CSRFD, KZP4-28CSRFDN6		


CPW NO.	CRP4A27CSCH1F1F2	INQUIRE
MODEL		
	②	⑥
	A:82.5	C
	③	⑦
	27	F1
	④	⑧
	C	F2
	⑤	
S:10		
Reference number		
KZP4-27CVR6		
KRP4-27CVJ		


CPW NO.	CRP4A27CSMF1	INQUIRE
MODEL	TOYOTA - 2FDG15~25	
	②	⑥
	A:82.5	M
	③	⑦
	27	F1
	④	⑧
	C	
	⑤	
S:10		
Reference number		
KZP4-27CSMF, KZP4-27CSMFDD, KZP4-27CSSDN		
KZP4-27CSSFDZ, KZP4-28CSSDN, KZP4-28CSSDD		


*Price depend on availability. *Pictures and dimensions are for reference only.


CPW NO.	CFP4A28CSMF1D2	INQUIRE
MODEL		
	②	⑥
	A:82.5	M
	③	⑦
	28	F1
	④	⑧
	C	D2
	⑤	
S:10		
Reference number		
KRP4-28CSRBDS		


CPW NO.	CRP4A28CSMHF1D2	INQUIRE
MODEL	TOYOTA - 42-6FGU20~25-4Y	
	②	⑥
	A:82.5	M
	③	⑦
	28	F1
	④	⑧
	C	D2
	⑤	
S:10		
Reference number		
KZP4-28.3CVR		


CPW NO.	CRP4A30.23CSCF1-4	INQUIRE
MODEL	NISSAN - F05A50~60	
	②	⑥
	A:82.5	C
	③	⑦
	30.23	F1
	④	⑧
	C	
	⑤	
S:10		
Reference number		
KRP4-30-23CDN		

CPW NO.	CRP4A30ASCF1	INQUIRE
MODEL	KOMATSU - FGD20~25Z11	
	②	⑥
	A:82.5	C
	③	⑦
	30	F1
	④	⑧
	A	
	⑤	
S:10		
Reference number		
KRP4-30ASSBDN, KRP4-30ASSBDD		
KRP4-30ASSBQ, KZP4-30ASSB		


CPW NO.	CRP4A30ASOH2F1F2	INQUIRE
MODEL		
	②	⑥
	A:82.5	O
	③	⑦
	30	F1
	④	⑧
	A	F2
	⑤	
S:10		
Reference number		
KRP4-30AVHH		


CPW NO.	CRP4A30ASOLF1F2	INQUIRE
MODEL	MITSUBISHI - FD10-18-F16B	
	②	⑥
	A:82.5	O
	③	⑦
	30	F1
	④	⑧
	A	F2
	⑤	
S:10		
Reference number		
KRP4-30AEND		
KRP4-30AENDJ		


CPW NO.	CRP4A30CSCF1	INQUIRE
MODEL	NISSAN	
	②	⑥
	A:82.5	C
	③	⑦
	30	F1
	④	⑧
	C	
	⑤	
S:10		
Reference number		
KRP4-30CSSB		
KRP4-30CSSBDN		

CPW NO.	CRP4A33AECH1F1F2	INQUIRE
MODEL	NISSAN	
	②	⑥
	A:82.5	C
	③	⑦
	33	F1
	④	⑧
	A	F2
	⑤	
E:11		
Reference number		
KRP4-33AVGDN		
KRP4-33AVGDN6		

CPW NO.	CRP4A33CSCF1	INQUIRE
MODEL	KOMATSU - FB15-20	
	②	⑥
	A:82.5	C
	③	⑦
	33	F1
	④	⑧
	C	
	⑤	
S:10		
Reference number		
KRP4-33CSSB, KRP4-33CSSBDD		
KRP4-33CSSBQ, KRP4-33CSSBDN		


CPW NO.	CRP4A33CSCH1F1F2	INQUIRE
MODEL		
	②	⑥
	A:82.5	C
	③	⑦
	33	F1
	④	⑧
	C	F2
	⑤	
S:10		
Reference number		
KRP4-33CV		


CPW NO.	CRP4A33ASOLF1F2	INQUIRE
MODEL	MITSUBISHI - FD30F14A	
	②	⑥
	A:82.5	O
	③	⑦
	33	F1
	④	⑧
	A	F2
	⑤	
S:10		
Reference number		
KRP4-33AEND		
KRP4-33AENDJ		

CPW NO.	CRP4A33ASOH2F1F2	INQUIRE
MODEL	MITSUBISHI - FVD20	
	②	⑥
	A:82.5	O
	③	⑦
	33	F1
	④	⑧
	A	F2
	⑤	
S:10		
Reference number		
KRP4-33AVHH, KRP4-33AVHHK		
KRP4-33AKV, KZP4-33AVH		



*Price depend on availability. *Pictures and dimensions are for reference only.

CPW NO.	CRP4A33ASCF1	INQUIRE	
MODEL	KOMATSU - FGD20~25Z11		
	②	⑥	
	A:82.5	C	
	③	⑦	
	33	F1	
	④	⑧	
	A		
	⑤		
	S:10		
Reference number			
KRP4-33ASSB,KRP4-33ASSBDD			
KRP4-33ASSBQ,KRP4-33ASBS			

CPW NO.	CRP4A33ASCH1F1F2	INQUIRE	
MODEL	TCM - FG25N3		
	②	⑥	
	A:82.5	C	
	③	⑦	
	33	F1	
	④	⑧	
	A	F2	
	⑤		
	S:10		
Reference number			
KRP4-33ATV			

CPW NO.		US	
MODEL			
	②	⑥	
	③	⑦	
	④	⑧	
	⑤		
Reference number			

CPW NO.		US	
MODEL			
	②	⑥	
	③	⑦	
	④	⑧	
	⑤		
Reference number			

CPW NO.		US	
MODEL			
	②	⑥	
	③	⑦	
	④	⑧	
	⑤		
Reference number			

CPW NO.		US	
MODEL			
	②	⑥	
	③	⑦	
	④	⑧	
	⑤		
Reference number			

CPW NO.		US	
MODEL			
	②	⑥	
	③	⑦	
	④	⑧	
	⑤		
Reference number			

CPW NO.		US	
MODEL			
	②	⑥	
	③	⑦	
	④	⑧	
	⑤		
Reference number			

CPW NO.		US	
MODEL			
	②	⑥	
	③	⑦	
	④	⑧	
	⑤		
Reference number			

CPW NO.		US	
MODEL			
	②	⑥	
	③	⑦	
	④	⑧	
	⑤		
Reference number			

CPW NO.		US	
MODEL			
	②	⑥	
	③	⑦	
	④	⑧	
	⑤		
Reference number			

CPW NO.		US	
MODEL			
	②	⑥	
	③	⑦	
	④	⑧	
	⑤		
Reference number			