

CPW
pumps

Cosmic

www.cosmic-parts.com

HYDRAULIC PUMP

CRP4 SERIES



Medium-pressure:CRP4



● Ordering codes

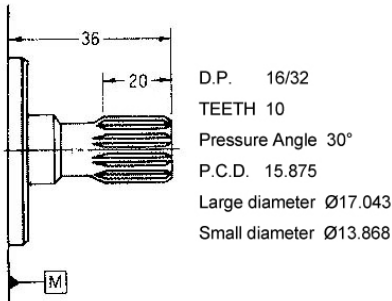
CRP4	—	23	C	S	C	Z	Z	M
①		②	③	④	⑤	⑥	⑦	⑧



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

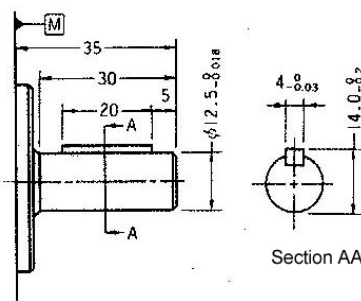
● Shaft type

• S: SAE spline

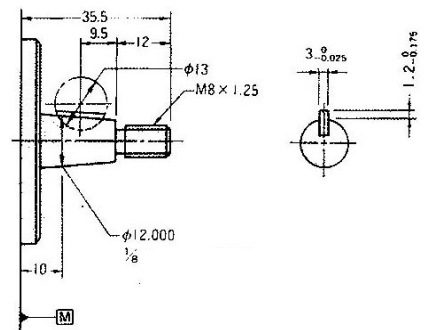


D.P. 16/32
TEETH 11
Pressure Angle 30°
P.C.D. 17.463
Large diameter Ø18.631
Small diameter Ø15.456

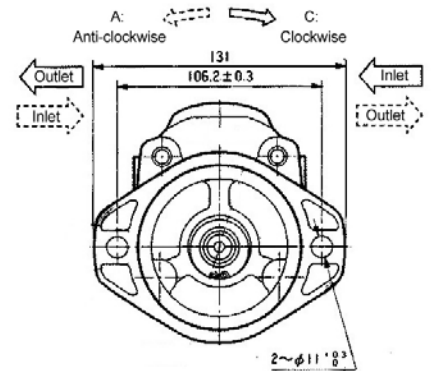
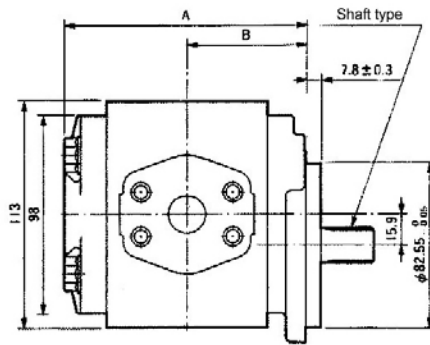
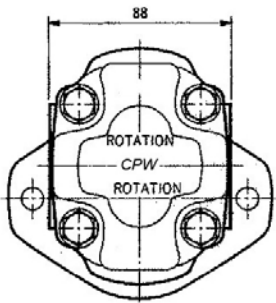
• P: Plain key



• T: Taper shaft

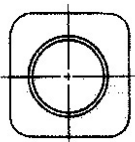


● Installation dimensions single unit:mm



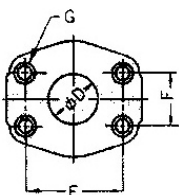
● Port configuration

Y-SAE screw thread port



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

Z-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

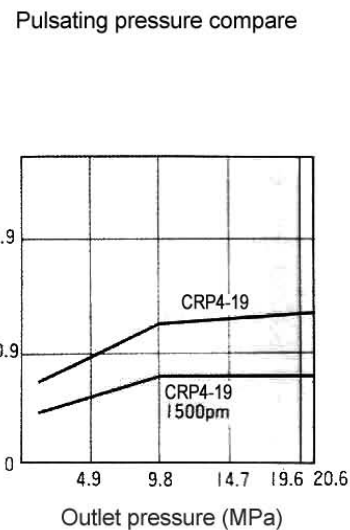
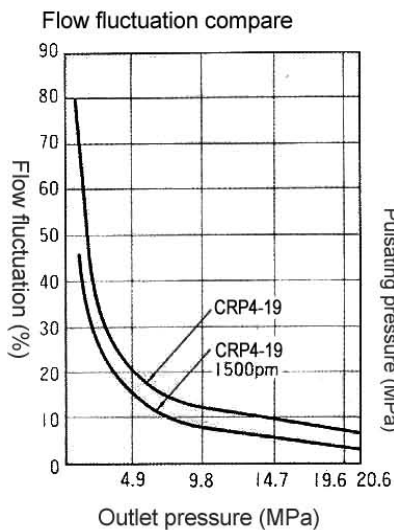
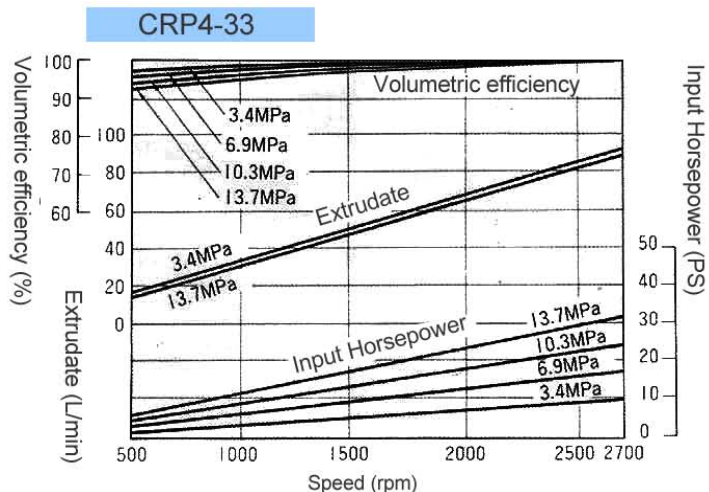
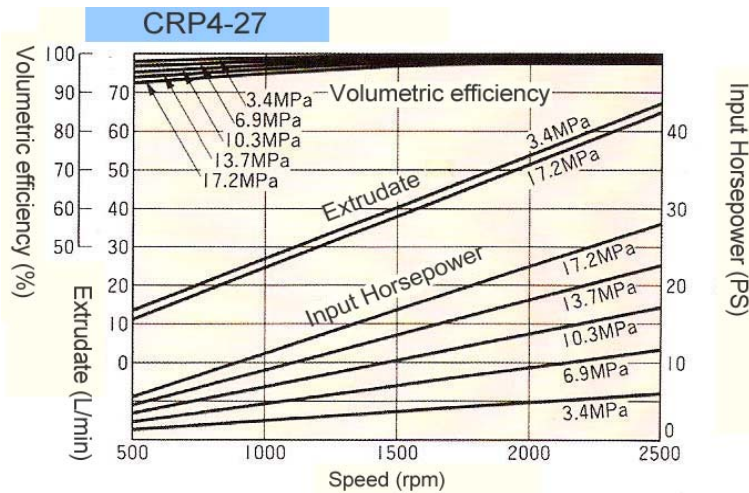
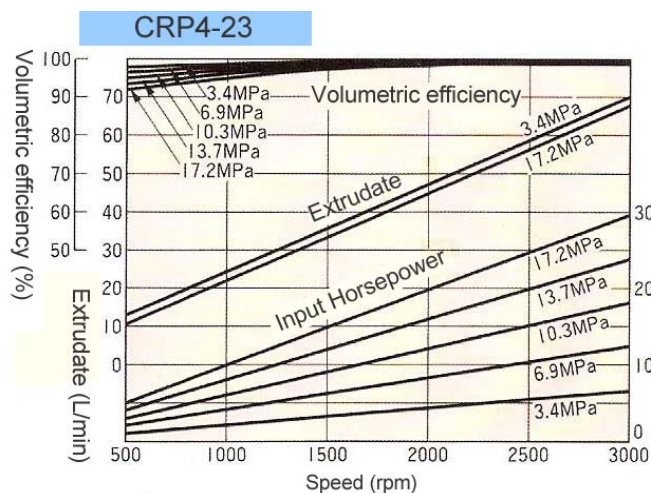
Pump series	Assemble size		Port configuration
	A(mm)	B(mm)	
CRP4-23	125.2	61.5	Z / Y
CRP4-25	127	62.5	
CRP4-27	130	63.9	
CRP4-30	134.4	66.2	
CRP4-33	139	68.4	

Medium-pressure:CRP4


● Performance parameters


Pump series	Nominal displacement (cm ³ /rev)	Max pressure (MPa)	Rotation speed(rpm)		Weight (kg)
			Min.	Max.	
CRP4-23	22.9	17.2	650	3000	3.3
CRP4-25	24.9		650	3000	3.4
CRP4-27	27.8	17.2	650	2500	3.5
CRP4-30	30.2		650	2500	3.6
CRP4-33	33.3	13.7	650	2700	3.7


● Performance




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


Cosmic No.	CRP4-17CSCZZ	INQUIRE
	② / ③	17 C
	Teeth / ④	10T/S
	⑤	C
	⑥ / ⑦	Z/Z
Reference number		
KZP4-17CSBB		

Cosmic No.	CRP4-19ASOZZ	INQUIRE
	② / ③	19 A
	Teeth / ④	10T/S
	⑤	O
	⑥ / ⑦	Z/Z
Reference number		
KZP4-19ASESKN		


Cosmic No.	CRP4-19CSCZNRHB	INQUIRE
	② / ③	19 C
	Teeth / ④	10T/S
	⑤	C
	⑥ / ⑦	Z/N
Reference number		
KRP4-19CVPGN		
KRP4-19CVPG		


Cosmic No.	CRP4-19CSCZZ	INQUIRE
	② / ③	19 C
	Teeth / ④	10T/S
	⑤	C
	⑥ / ⑦	Z/Z
Reference number		
KRP4-19CSSB, KRP4-19CSSB-OCE0		
KRP4-19CSSBDN, KZP4-19CSBB		


Cosmic No.	CRP4-19CSMZ	INQUIRE
	② / ③	19 C
	Teeth / ④	10T/S
	⑤	M
	⑥ / ⑦	Z/Z
Reference number		
KRP4-19C		


Cosmic No.	CRP4-20CSCZY	INQUIRE
	② / ③	20 C
	Teeth / ④	10T/S
	⑤	C
	⑥ / ⑦	Z/Y
Reference number		
KFS4-20CSGBZ6		


Cosmic No.	CRP4-21CSCZZ	INQUIRE
	② / ③	21 C
	Teeth / ④	10T/S
	⑤	C
	⑥ / ⑦	Z/Z
Reference number		
KZP4-21CSSBDD		
KRP4-21CSSBDD		

Cosmic No.	CRP4-21CSMZ	INQUIRE
	② / ③	21 C
	Teeth / ④	10T/S
	⑤	M
	⑥ / ⑦	Z/Z
Reference number		
KZP4-21CSSFD		
KZP4-21CSSF		


Cosmic No.	CRP4-23ASCZNRH	INQUIRE
	② / ③	23 A
	Teeth / ④	10T/S
	⑤	C
	⑥ / ⑦	Z/N
Reference number		
KRP4-23AVEN		


Cosmic No.	CRP4-23ASOLZNRH	INQUIRE
	② / ③	23 A
	Teeth / ④	10T/S
	⑤	O
	⑥ / ⑦	Z/N
Reference number		
KRP4-23AVH		

Cosmic No.	CRP4-23ASOLZY	INQUIRE
	② / ③	23 A
	Teeth / ④	10T/S
	⑤	O
	⑥ / ⑦	Z/Y
Reference number		
KZP4-23ASESKN		


Cosmic No.	CRP4-23CSCZNRH	INQUIRE
	② / ③	23 C
	Teeth / ④	10T/S
	⑤	C
	⑥ / ⑦	Z/N
Reference number		
KRP4-23CVFM, KRP4-23CVFMJ, KRP4-23CVMJ		
KRP4-23CVMK, KRP4-23CVMLN, KRP4-23CVMN		


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

Cosmic No.	CRP4-23CSCZNRHA	INQUIRE
	② / ③	23 C
	Teeth / ④	10T/S
	⑤	C
	⑥ / ⑦	Z/N
Reference number		
KRP4-23CV		
KRP4-23CVJ		


Cosmic No.	CRP4-23CSCZNRHB	INQUIRE
	② / ③	23 C
	Teeth / ④	10T/S
	⑤	C
	⑥ / ⑦	Z/N
Reference number		
KRP4-23CVPGN		


Cosmic No.	CRP4-23CSCZNRHC	INQUIRE
	② / ③	23 C
	Teeth / ④	10T/S
	⑤	C
	⑥ / ⑦	Z/N
Reference number		
KRP4-23CVMF, KRP4-23CVMH		
KRP4-23CVMHH, KRP4-23CVMHJ		

Cosmic No.	CRP4-23CSCZNRHD	INQUIRE
	② / ③	23 C
	Teeth / ④	10T/S
	⑤	C
	⑥ / ⑦	Z/N
Reference number		
KRP4-23CVEN		


Cosmic No.	CRP4-23CSCZY	INQUIRE
	② / ③	23 C
	Teeth / ④	10T/S
	⑤	C
	⑥ / ⑦	Z/Y
Reference number		
KRP4-23CSSBKN		
KZP4-23CSPBN		


Cosmic No.	CRP4-23CSCZZ	INQUIRE
	② / ③	23 C
	Teeth / ④	10T/S
	⑤	C
	⑥ / ⑦	Z/Z
Reference number		
KRP4-23CSSBKN, KRP4-23CSSB		
KRP4-23CSSBK, KRP4-23CSSBKD, KRP4-23CSSBQ		


Cosmic No.	CRP4-23CSMZNR	INQUIRE
	② / ③	23 C
	Teeth / ④	10T/S
	⑤	M
	⑥ / ⑦	Z/Y
Reference number		
KZP4-25CSRFD		

Cosmic No.	CRP4-23CSMZ	INQUIRE
	② / ③	23 C
	Teeth / ④	10T/S
	⑤	M
	⑥ / ⑦	Z/Z
Reference number		
KRP4-23CSSFD, KZP4-23CSMFDD		
KZP4-23CSSDD, KRP4-23CSSFDN		

Cosmic No.	CRP4-25ASCZNRHY	INQUIRE
	② / ③	25 A
	Teeth / ④	10T/S
	⑤	C
	⑥ / ⑦	Z/N
Reference number		
PB8LK241		

Cosmic No.	CRP4-25ASCZNRH	INQUIRE
	② / ③	25 A
	Teeth / ④	11T/S
	⑤	C
	⑥ / ⑦	Z/N
Reference number		
KRP4-25AVQN6		
KRP4-25AQVN		

Cosmic No.	CRP4-25ASOLZN	INQUIRE
	② / ③	25 A
	Teeth / ④	10T/S
	⑤	O
	⑥ / ⑦	Z/N
Reference number		
KRP4-25AEND		

Cosmic No.	CRP4-25ASOLZNRH	INQUIRE
	② / ③	25 A
	Teeth / ④	10T/S
	⑤	O
	⑥ / ⑦	Z/N
Reference number		
KRP4-25AVHH		

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

Cosmic No.	CRP4-25CSCZNRH	INQUIRE
		② / ③
		25 C
		Teeth / ④
		10T/S
		⑤
		C
		⑥ / ⑦
		Z/N
Reference number		
KRP4-25CVQN		

Cosmic No.	CRP4-25CSCZY	INQUIRE
		② / ③
		25 C
		Teeth / ④
		10T/S
		⑤
		C
		⑥ / ⑦
		Z/Y
Reference number		
KFS4-25CSGBZ6		

Cosmic No.	CRP4-25CSCZZ	INQUIRE
		② / ③
		25 C
		Teeth / ④
		10T/S
		⑤
		C
		⑥ / ⑦
		Z/Z
Reference number		
KRP4-25CSSBKN		
KRP4-25CSSRKN		

Cosmic No.	CRP4-25CSMZNRH	INQUIRE
		② / ③
		25 C
		Teeth / ④
		10T/S
		⑤
		M
		⑥ / ⑦
		Z/N
Reference number		
KZP4-25CVR6		

Cosmic No.	CRP4-25CSMZNRH	INQUIRE
		② / ③
		25 C
		Teeth / ④
		10T/S
		⑤
		M
		⑥ / ⑦
		Z/N
Reference number		
KZP4-25CSRFD5		
KFZ4-25CSRFD5		

Cosmic No.	CRP4-25CSMZZZ	INQUIRE
		② / ③
		25 C
		Teeth / ④
		10T/S
		⑤
		M
		⑥ / ⑦
		Z/Z
Reference number		
KZP4-25CSSDD		
KZP4-25CSSFD		

Cosmic No.	CRP4-27-17CSCF4Z	INQUIRE
		② / ③
		27-17 C
		Teeth / ④
		10T/S
		⑤
		C
		⑥ / ⑦
		Z/Z
Reference number		
KRP4-27-17CES		

Cosmic No.	CRP4-27-23CSCF4Z	INQUIRE
		② / ③
		27-23 C
		Teeth / ④
		10T/S
		⑤
		C
		⑥ / ⑦
		Z/Z
Reference number		
KRP4-27-23CV		


Cosmic No.	CRP4-27-5CSMZZY	INQUIRE
		② / ③
		27-5 C
		Teeth / ④
		10T/S
		⑤
		M
		⑥ / ⑦
		Z/Z
Reference number		
KZP4-27KRP4-5CF		
KZP4-28KRP4-5CF		


Cosmic No.	CRP4-27AECZFACH	INQUIRE
		② / ③
		27 A
		Teeth / ④
		11T/S
		⑤
		C
		⑥ / ⑦
		Z/N
Reference number		
KRP4-27AVGDN		


Cosmic No.	CRP4-27ASCZNHYY	INQUIRE
		② / ③
		27 A
		Teeth / ④
		10T/S
		⑤
		C
		⑥ / ⑦
		Z/N
Reference number		
PB9LK242		


Cosmic No.	CRP4-27ASCZNRH	INQUIRE
		② / ③
		27 A
		Teeth / ④
		11T/S
		⑤
		C
		⑥ / ⑦
		Z/N
Reference number		
KRP4-27AVNFN		
KRP4-27AVNF		


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


Cosmic No.	CRP4-27ASCZZ	INQUIRE
	② / ③	27 A
	Teeth / ④	10T/S
	⑤	C
	⑥ / ⑦	Z/Z
Reference number		
KZP4-27ASSDD, KRP4-27ASSBDN		
KZP4-27ASSB, KRP4-27ASSFY		

Cosmic No.	CRP4-27ASMZZ	INQUIRE
	② / ③	27 A
	Teeth / ④	10T/S
	⑤	M
	⑥ / ⑦	Z/Z
Reference number		
KRP4-27ASSFDN		


Cosmic No.	CRP4-27ASOLZNRH	INQUIRE
	② / ③	27 A
	Teeth / ④	10T/S
	⑤	O
	⑥ / ⑦	Z/N
Reference number		
KRP4-27AKV		

Cosmic No.	CRP4-27ASOLZY	INQUIRE
	② / ③	27 A
	Teeth / ④	10T/S
	⑤	O
	⑥ / ⑦	Z/Y
Reference number		
KRP4-27AENDJ		


Cosmic No.	CRP4-27ASOZY	INQUIRE
	② / ③	27 A
	Teeth / ④	10T/S
	⑤	O
	⑥ / ⑦	Z/Y
Reference number		
KRP4-27ASRBDN		


Cosmic No.	CRP4-27CPOZZ	INQUIRE
	② / ③	27 C
	Teeth / ④	P
	⑤	O
	⑥ / ⑦	Z/Z
Reference number		
KRP4-27CPOZZ		


Cosmic No.	CRP4-27CSCZNRH	INQUIRE
	② / ③	27 C
	Teeth / ④	10T/S
	⑤	C
	⑥ / ⑦	Z/N
Reference number		
KRP4-27CV, KRP4-27CVMF		
KRP4-27CVMFJ		

Cosmic No.	CRP4-27CSCZY	INQUIRE
	② / ③	27 C
	Teeth / ④	10T/S
	⑤	C
	⑥ / ⑦	Z/Y
Reference number		
KRP4-27CSRBDN		


Cosmic No.	CRP4-27CSCZZ	INQUIRE
	② / ③	27 C
	Teeth / ④	10T/S
	⑤	C
	⑥ / ⑦	Z/Z
Reference number		
KZP4-27CSBBF		
KRP4-27CSSBQ		


Cosmic No.	CRP4-27CSMZNRH	INQUIRE
	② / ③	27 C
	Teeth / ④	10T/S
	⑤	M
	⑥ / ⑦	Z/Y
Reference number		
KFZ4-27CSRFDN, KZP4-28CSRFDN		
KRP4-28CSRFDN, KZP4-28CSRFDN6		


Cosmic No.	CRP4-27CSMZRY	INQUIRE
	② / ③	27 C
	Teeth / ④	10T/S
	⑤	M
	⑥ / ⑦	Y/Y
Reference number		
KZP4-27CVR6		
KRP4-27CVJ		


Cosmic No.	CRP4-27CSMZ	INQUIRE
	② / ③	27 C
	Teeth / ④	10T/S
	⑤	M
	⑥ / ⑦	Z/Z
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.*


Cosmic No.	CRP4-28CSMZNR	INQUIRE
	② / ③	28 C
	Teeth / ④	10T/S
	⑤	M
	⑥ / ⑦	Z/Y
Reference number		
KRP4-28CSRBD		

Cosmic No.	CRP4-28CSMZRY	INQUIRE
	② / ③	28 C
	Teeth / ④	10T/S
	⑤	M
	⑥ / ⑦	Y/Y
Reference number		
KZP4-28.3CVR		


Cosmic No.	CRP4-30-23CSCF4Z	INQUIRE
	② / ③	30-23 C
	Teeth / ④	10T/S
	⑤	C
	⑥ / ⑦	Z/Z
Reference number		
KRP4-30-23CDN		

Cosmic No.	CRP4-30ASCZZ	INQUIRE
	② / ③	30 A
	Teeth / ④	10T/S
	⑤	C
	⑥ / ⑦	Z/Z
Reference number		
KRP4-30ASSBDN, KRP4-30ASSBDD		
KRP4-30ASSBQ, KZP4-30ASSB		


Cosmic No.	CRP4-30ASOLZNRH	INQUIRE
	② / ③	30 A
	Teeth / ④	10T/S
	⑤	O
	⑥ / ⑦	Z/N
Reference number		
KRP4-30AVHH		


Cosmic No.	CRP4-30ASOLZY	INQUIRE
	② / ③	30 A
	Teeth / ④	10T/S
	⑤	O
	⑥ / ⑦	Z/Y
Reference number		
KRP4-30AEND		
KRP4-30AENDJ		


Cosmic No.	CRP4-30CSCZZ	INQUIRE
	② / ③	30 C
	Teeth / ④	10T/S
	⑤	C
	⑥ / ⑦	Z/Z
Reference number		
KRP4-30CSSB		
KRP4-30CSSBDN		

Cosmic No.	CRP4-33AECZFACH	INQUIRE
	② / ③	33 A
	Teeth / ④	11T/S
	⑤	C
	⑥ / ⑦	Z/N
Reference number		
KRP4-33AVGDN		
KRP4-33AVGDN6		


Cosmic No.	CRP4-33CSCZZ	INQUIRE
	② / ③	33 C
	Teeth / ④	10T/S
	⑤	C
	⑥ / ⑦	Z/Z
Reference number		
KRP4-33CSSB, KRP4-33CSSBDD		
KRP4-33CSSBQ, KRP4-33CSSBDN		


Cosmic No.	CRP4-33CSCZNRH	INQUIRE
	② / ③	33 C
	Teeth / ④	10T/S
	⑤	C
	⑥ / ⑦	Z/N
Reference number		
KRP4-33CV		

Cosmic No.	CRP4-33ASOLZY	INQUIRE
	② / ③	33 A
	Teeth / ④	10T/S
	⑤	O
	⑥ / ⑦	Z/Y
Reference number		
KRP4-33AEND		
KRP4-33AENDJ		

Cosmic No.	CRP4-33ASOLZNRH	INQUIRE
	② / ③	33 A
	Teeth / ④	10T/S
	⑤	O
	⑥ / ⑦	Z/N
Reference number		
KRP4-33AVHH, KRP4-33AVHHK		
KRP4-33AKV, KZP4-33AVH		

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

Cosmic No.	CRP4-33ASCZZ	INQUIRE
		② / ③
		33 A
		Teeth / ④
		10T/S
		⑤
		C
		⑥ / ⑦
Reference number		Z/Z
KRP4-33ASSB,KRP4-33ASSBDD		
KRP4-33ASSBQ,KRP4-33ASBS		

Cosmic No.	CRP4-33ASCZNRH	INQUIRE
		② / ③
		33 A
		Teeth / ④
		11T/S
		⑤
		C
		⑥ / ⑦
Reference number		Z/N
KRP4-33ATV		

Cosmic No.		US
		② / ③
		Teeth / ④
		⑤
		⑥ / ⑦
Reference number		

Cosmic No.		US
		② / ③
		Teeth / ④
		⑤
		⑥ / ⑦
Reference number		

Cosmic No.		US
		② / ③
		Teeth / ④
		⑤
		⑥ / ⑦
Reference number		

Cosmic No.		US
		② / ③
		Teeth / ④
		⑤
		⑥ / ⑦
Reference number		

Cosmic No.		US
		② / ③
		Teeth / ④
		⑤
		⑥ / ⑦
Reference number		

Cosmic No.		US
		② / ③
		Teeth / ④
		⑤
		⑥ / ⑦
Reference number		

Cosmic No.		US
		② / ③
		Teeth / ④
		⑤
		⑥ / ⑦
Reference number		

Cosmic No.		US
		② / ③
		Teeth / ④
		⑤
		⑥ / ⑦
Reference number		

Cosmic No.		US
		② / ③
		Teeth / ④
		⑤
		⑥ / ⑦
Reference number		

Cosmic No.		US
		② / ③
		Teeth / ④
		⑤
		⑥ / ⑦
Reference number		