

HXS001 12 Volt 1.2kW 9Th/CW

New		12 Volt		1.2kW	9Th/CW
To suit: Nissan Patrol MQ / Komatsu / TCM		Can Use:		RXS001	
Engine: 6 cyl P40, PF40 Petrol		Dry Clutch			
Overall Length	Mounting Hole Dia.	Mt Holes Cnt. to Cnt.	Flange Dia.	Pinion Dia.	Pinion at Rest
268mm	11mm	105mm	82mm	29mm	31mm



HXS002 24 Volt 4.5 kW 11Th/CW

New		24 Volt		4.5 kW	11Th/CW
To suit: Nissan UD / Hitachi Excavator		Can Use:			
Engine: 6 cyl F06, F6S Diesel		Dry Clutch			
Overall Length	Mounting Hole Dia.	Mt Holes Cnt. to Cnt.	Flange Dia.	Pinion Dia.	Pinion at Rest
300mm	13mm	136 x 111 x 108mm	105mm	40mm	33mm



HXS004 12 Volt 1.2kW 9Th/CW

New		12 Volt		1.2kW	9Th/CW
To suit: Nissan Urvan, Forklift		Can Use:			
Engine: E20, F20, H20		Dry Clutch		Note: 8Th Mitsubishi version interchangeable	
Overall Length	Mounting Hole Dia.	Mt Holes Cnt. to Cnt.	Flange Dia.	Pinion Dia.	Pinion at Rest
225mm	11mm	110mm	83mm	29mm	8mm



RXS005 12 Volt 0.8 kW 9Th/CW

Remanufactured		12 Volt		0.8 kW	9Th/CW
To suit: Nissan 620		Can Use:			
Engine: 4 cyl J13, J15 Petrol		Dry Clutch			
Overall Length	Mounting Hole Dia.	Mt Holes Cnt. to Cnt.	Flange Dia.	Pinion Dia.	Pinion at Rest
218mm	10.5mm	110mm	70mm	29mm	21mm



RXS007 12 Volt 1 kW 9Th/CW

Remanufactured		12 Volt		1 kW	9Th/CW
To suit: Holden Gemini TC, TD, TF, TG, TX		Can Use:			
Holden Rodeo KB26, KB41, KB42, KB47		Dry Clutch		4 cyl G161Z, G180Z Petrol	
Overall Length	Mounting Hole Dia.	Mt Holes Cnt. to Cnt.	Flange Dia.	Pinion Dia.	Pinion at Rest
208mm	10.5mm	127mm	88mm	29mm	23mm



RXS012 12 Volt 0.8 kW 9Th/CW

Remanufactured		12 Volt		0.8 kW	9Th/CW
To suit: Volvo 240, 740, 760		Can Use:			
Engine: B230F		Dry Clutch			
Overall Length	Mounting Hole Dia.	Mt Holes Cnt. to Cnt.	Flange Dia.	Pinion Dia.	Pinion at Rest
235mm	M12 x 1.5mm	105mm	82mm	26mm	35mm



HXS014 12 Volt 1.2 kW 9Th/CW

New		12 Volt		1.2 kW	9Th/CW
To suit: Nissan Applications		Can Use:			
Engine: 4 cyl VG30E, VG30DE Petrol		Dry Clutch			
Overall Length	Mounting Hole Dia.	Mt Holes Cnt. to Cnt.	Flange Dia.	Pinion Dia.	Pinion at Rest
204mm	M10 x 1.5mm	110mm	82mm	29mm	15mm



RXS016 12 Volt 1 kW 9Th/CW

Remanufactured		12 Volt		1 kW	9Th/CW
To suit: Nissan 2600, 260Z, 280C, 280ZX		Can Use:		HXS078	
Engine: 4 cyl VG20E, L20P 6 cyl L26, L28, L28S		Dry Clutch			
Overall Length	Mounting Hole Dia.	Mt Holes Cnt. to Cnt.	Flange Dia.	Pinion Dia.	Pinion at Rest
248mm	10.5mm	110mm	82mm	29mm	7mm



RXS019 12 Volt 0.8 kW 25Th/CW

Remanufactured		12 Volt		0.8 kW	25Th/CW
To suit: Nissan Pulsar, EXA Turbo		Can Use:			
Engine: 4 cyl E15E-T Petrol		Dry Clutch			
Overall Length	Mounting Hole Dia.	Mt Holes Cnt. to Cnt.	Flange Dia.	Pinion Dia.	Pinion at Rest
201mm	10.5mm	114mm	-	68mm	-



HXS020 12 Volt 2 kW 9Th/CW

New		12 Volt		2 kW	9Th/CW
To suit: Nissan Navara, Urvan, Terrano		Can Use:			
Engine: 4 cyl TD25, TD27 Diesel		Dry Clutch			
Overall Length	Mounting Hole Dia.	Mt Holes Cnt. to Cnt.	Flange Dia.	Pinion Dia.	Pinion at Rest
234mm	11mm	120mm	95mm	35mm	11mm



To suit Hitachi

To suit Hitachi

RXS021 12 Volt 0.8 kW 9Th/CW

Remanufactured		12 Volt		0.8 kW	9Th/CW
To suit: Nissan Navara, King Cab		Can Use:			
Engine: 4 cyl Z24 Petrol		Dry Clutch			
Overall Length	Mounting Hole Dia.	Mt Holes Cnt. to Cnt.	Flange Dia.	Pinion Dia.	Pinion at Rest
205mm	10.5mm	110mm	82mm	29mm	8mm



HXS023 12 Volt 2.3 kW 9Th/CW

New		12 Volt		2.3 kW	9Th/CW
To suit: Isuzu / Holden Rodeo, Jackaroo		Can Use:		DXS520	
Engine: 4 cyl 4JA1, 4JB1, 4JB1 - Turbo Diesel		Dry Clutch			
Overall Length	Mounting Hole Dia.	Mt Holes Cnt. to Cnt.	Flange Dia.	Pinion Dia.	Pinion at Rest
232mm	13mm	120mm	95mm	32mm	11mm



HXS024 12 Volt 1 kW 9Th/CW

New		12 Volt		1 kW	9Th/CW
To suit: Robin Stationary Engine / Wisconsin		Can Use:			
Engine: DY41DS, EY21		Dry Clutch			
Overall Length	Mounting Hole Dia.	Mt Holes Cnt. to Cnt.	Flange Dia.	Pinion Dia.	Pinion at Rest
219mm	8.5mm	90mm	62mm	29mm	22mm



HXS025 12 Volt 2.2 kW 11Th/CW

New		12 Volt		2.2 kW	11Th/CW
To suit: Nissan GQ Patrol, GU Patrol		Can Use:			
Engine: TD42 Diesel, TD48 Diesel		Dry Clutch			
Overall Length	Mounting Hole Dia.	Mt Holes Cnt. to Cnt.	Flange Dia.	Pinion Dia.	Pinion at Rest
236mm	13mm	140 x 115 x 80mm	105mm	40mm	10mm



HXS026 24 Volt 4 kW 11Th/CW

New		24 Volt		4 kW	11Th/CW
To suit: Isuzu NPR, NKR		Can Use:			
Engine: 4H Series including 4HF, 4HK, 4HG		Dry Clutch			
Overall Length	Mounting Hole Dia.	Mt Holes Cnt. to Cnt.	Flange Dia.	Pinion Dia.	Pinion at Rest
290mm	15mm	170mm	94mm	40mm	44mm



HXS028 12 Volt 2 kW 9Th/CW

New		12 Volt		2 kW	9Th/CW
To suit: Nissan Cabstar, Navara, Urvan, 720		Can Use:		HXS036 Reduction Gear	
Engine: 4 cyl SD22, SD23, SD25 Diesel		Dry Clutch			
Overall Length	Mounting Hole Dia.	Mt Holes Cnt. to Cnt.	Flange Dia.	Pinion Dia.	Pinion at Rest
283mm	11mm	110mm	82mm	35mm	12mm



HXS030 12 Volt 2 kW 9Th/CW

New		12 Volt		2 kW	9Th/CW
To suit: Holden Shuttle / Isuzu / Thermo King Applications		Can Use:		DXS436 Reduction Gear	
Engine: 4 cyl C240, 4FC1 Diesel		Dry Clutch			
Overall Length	Mounting Hole Dia.	Mt Holes Cnt. to Cnt.	Flange Dia.	Pinion Dia.	Pinion at Rest
230mm	13mm	120mm	95mm	32mm	21mm



HXS031 12 Volt 2 kW 9Th/CW

New		12 Volt		2 kW	9Th/CW
To suit: Thermo King Applications		Can Use:			
Engine: Thermo King		Dry Clutch			
Overall Length	Mounting Hole Dia.	Mt Holes Cnt. to Cnt.	Flange Dia.	Pinion Dia.	Pinion at Rest
230mm	M12 x 1.5mm	120mm	95mm	32mm	18mm



HXS032 24 Volt 3.5 kW 9Th/CW

New		24 Volt		3.5 kW	9Th/CW
To suit: Isuzu NPR Series, NKR Series / Kobelco		Can Use:		HXS022	
Engine: 4 cyl 4BA1 Diesel		Dry Clutch			
Overall Length	Mounting Hole Dia.	Mt Holes Cnt. to Cnt.	Flange Dia.	Pinion Dia.	Pinion at Rest
220mm	13mm	120mm	95mm	35mm	21mm



HXS033 24 Volt 3.5 kW 9Th/CW

New		24 Volt		3.5 kW	9Th/CW
To suit: Isuzu ELF series		Can Use:			
Engine: 4 cyl 4JB1 Diesel		Dry Clutch			
Overall Length	Mounting Hole Dia.	Mt Holes Cnt. to Cnt.	Flange Dia.	Pinion Dia.	Pinion at Rest
230mm	14mm	120mm	95mm	32mm	18mm



To suit Hitachi

To suit Hitachi

HXS036 12 Volt 2 kW 11Th/CW

New
To suit: Komatsu / Nissan 720, Urvan
Engine: SD15, SD22, SD23, SD25 Diesel
Can Use: HXS028
 Dry Clutch

Overall Length	Mounting Hole Dia.	Mt Holes Cnt. to Cnt.	Flange Dia.	Pinion Dia.	Pinion at Rest
284mm	10mm	110mm	82mm	36mm	11mm



HXS042 12 Volt 1.4 kW 9Th/CW

New
To suit: Nissan 200SX
Engine: SR20DE
 Note: 8th Mitsubishi version Fully interchangeable
 Dry Clutch

Overall Length	Mounting Hole Dia.	Mt Holes Cnt. to Cnt.	Flange Dia.	Pinion Dia.	Pinion at Rest
-	M10 x 1.5mm	106mm	82mm	29mm	41.5mm



RXS043 12 Volt 0.8 kW 9Th/CW

Remanufactured
To suit: TCM / Nissan Fork Lift
Engine: D11
 Dry Clutch

Overall Length	Mounting Hole Dia.	Mt Holes Cnt. to Cnt.	Flange Dia.	Pinion Dia.	Pinion at Rest
235mm	10mm	111mm	70mm	29mm	22mm



RXS046 12 Volt 2 kW 9Th/CW

Remanufactured
To suit: Nissan / Komatsu forklifts
Engine: 4 cyl SD22, SD23, SD25 Diesel
 Dry Clutch

Overall Length	Mounting Hole Dia.	Mt Holes Cnt. to Cnt.	Flange Dia.	Pinion Dia.	Pinion at Rest
225mm	10mm	110mm	82mm	35mm	10mm



HXS052 12 Volt 1.4 kW 10Th/CCW

New
To suit: Nissan Maxima 1996-1999
Engine: VG30DE, VQ20DE, VQ25DE
 Note: Replaces early 8th & 11th
 Dry Clutch

Overall Length	Mounting Hole Dia.	Mt Holes Cnt. to Cnt.	Flange Dia.	Pinion Dia.	Pinion at Rest
229mm	10.5mm	96mm	75mm	34mm	55mm



RXS054 12 Volt 0.8 kW 25Th/CCW

Remanufactured
To suit: Nissan Pulsar / Holden Astra
Engine: E15E, E15S, VB11, E13S
Can Use:
 Dry Clutch
 Note: To suit Automatic Transmission

Overall Length	Mounting Hole Dia.	Mt Holes Cnt. to Cnt.	Flange Dia.	Pinion Dia.	Pinion at Rest
201mm	10.5mm	114mm	82mm	68mm	-



HXS058 12 Volt 1.2 kW 9Th/CW

New
To suit: Nissan 180B, 200B, Bluebird, 1600, 720, KI
Engine: L16, L18, CG13
Can Use:
 Dry Clutch

Overall Length	Mounting Hole Dia.	Mt Holes Cnt. to Cnt.	Flange Dia.	Pinion Dia.	Pinion at Rest
194mm	10mm	110mm	82mm	29mm	8mm



RXS059 12 Volt 1.4 kW 8Th/CW

Remanufactured
To suit: Holden Commodore VL / Nissan Skyline
Engine: RB30E
 Note: Replaces original 9th unit
Can Use: BXS0101

Overall Length	Mounting Hole Dia.	Mt Holes Cnt. to Cnt.	Flange Dia.	Pinion Dia.	Pinion at Rest
208mm	10.5mm	110mm	82mm	28mm	8mm



HXS060 12 Volt 1.4 kW 9Th/CW

New
To suit: Nissan Navara 4x2, Pathfinder, D21 Pickup
Engine: VG30E
 Dry Clutch

Overall Length	Mounting Hole Dia.	Mt Holes Cnt. to Cnt.	Flange Dia.	Pinion Dia.	Pinion at Rest
210mm	M10mm	109mm	82mm	29mm	15mm



HXS062 12 Volt 2 kW 9Th/CW

New
To suit: Thermo King
Engine: DI 2.2, SE 2.2
 Reduction Gear
 Dry Clutch

Overall Length	Mounting Hole Dia.	Mt Holes Cnt. to Cnt.	Flange Dia.	Pinion Dia.	Pinion at Rest
229mm	13mm	120mm	95mm	32mm	19.5mm



To suit Hitachi

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HXS063 12 Volt 1 kW 9Th/CW

New
To suit: Yanmar Marine
Engine: 1GM, 2GM, 3GM
Can Use:
 Dry Clutch

Overall Length	Mounting Hole Dia.	Mt Holes Cnt. to Cnt.	Flange Dia.	Pinion Dia.	Pinion at Rest
217.5mm	10.8mm	110mm	70mm	29mm	17mm



HXS064 12 Volt 0.8 kW 8Th/CCW

New
To suit: Yanmar GA220, GA340
Engine: L40S, L60S, L40S, L60S
Can Use:
 Dry Clutch

Overall Length	Mounting Hole Dia.	Mt Holes Cnt. to Cnt.	Flange Dia.	Pinion Dia.	Pinion at Rest
189.3mm	11.2mm	102mm	66mm	28mm	14mm



RXS065 12 Volt 1.4 kW 20Th/CCW

Remanufactured
To suit: Nissan 300ZX
Engine: VG30DE
Can Use: HXS065
 280-4122
 Dry Clutch

Overall Length	Mounting Hole Dia.	Mt Holes Cnt. to Cnt.	Flange Dia.	Pinion Dia.	Pinion at Rest
245.6mm	10mm	105mm	95mm	62mm	13mm



HXS065 12 Volt 1.4 kW 20Th/CCW

New
To suit: Nissan 300ZX
Engine: VG30DE
Can Use: RXS065
 280-4122
 Dry Clutch

Overall Length	Mounting Hole Dia.	Mt Holes Cnt. to Cnt.	Flange Dia.	Pinion Dia.	Pinion at Rest
245.6mm	10mm	105mm	95mm	62mm	13mm



RXS066 12 Volt 2 kW 9Th/CW

Remanufactured
To suit: Nissan Patrol GO
Engine: 2.8L Diesel RD28, RD28T
Can Use:
 Dry Clutch

Overall Length	Mounting Hole Dia.	Mt Holes Cnt. to Cnt.	Flange Dia.	Pinion Dia.	Pinion at Rest
230mm	10.5mm	110mm	82mm	35mm	7.3mm



HXS069 12 Volt 1.2 kW 8Th/CW

New
To suit: Nissan Pulsar N15
Engine: SR20, SR20DE
Can Use:
 Dry Clutch

Overall Length	Mounting Hole Dia.	Mt Holes Cnt. to Cnt.	Flange Dia.	Pinion Dia.	Pinion at Rest
215mm	M10 x 1.5mm	106mm	82mm	28mm	42.5mm



HXS070 12 Volt 1.2 kW 11Th/CW

New
To suit: Yanmar 3TN68 / Komatsu / John Deere
Engine: 4JHE, 3EYEU
Can Use:
 Dry Clutch
 Interchangeable with 9th unit

Overall Length	Mounting Hole Dia.	Mt Holes Cnt. to Cnt.	Flange Dia.	Pinion Dia.	Pinion at Rest
192mm	13.5mm	120mm	95mm	34mm	20mm



RXS071 24 Volt 3.5 kW 11Th/CW

Remanufactured
To suit: Nissan Patrol
Engine: TD42 Diesel
Can Use:
 Dry Clutch

Overall Length	Mounting Hole Dia.	Mt Holes Cnt. to Cnt.	Flange Dia.	Pinion Dia.	Pinion at Rest
305mm	13mm	140mm	105mm	40mm	10.5mm



HXS072 12 Volt 0.9 kW 8Th/CW

New
To suit: Yanmar / John Deere
Engine: 3TN68, 3TN68
Can Use:
 Dry Clutch

Overall Length	Mounting Hole Dia.	Mt Holes Cnt. to Cnt.	Flange Dia.	Pinion Dia.	Pinion at Rest
192mm	10.5mm	110mm	80mm	27mm	11mm



HXS073 24 Volt 3.5 kW 11Th/CW

New
To suit: Nissan Patrol MQ, MK
Engine: SD33, SD33T
Can Use:
 Dry Clutch

Overall Length	Mounting Hole Dia.	Mt Holes Cnt. to Cnt.	Flange Dia.	Pinion Dia.	Pinion at Rest
330mm	13mm	140 x 100 x 95mm	105mm	40mm	10mm



To suit Hitachi

To suit Hitachi

HXS074 12 Volt 15Th/CW

New		Can Use:			
To suit: Yanmar Engine: 20M2U		DXS549			
Dry Clutch					
Overall Length	Mounting Hole Dia.	Mt Holes Cnt. to Cnt.	Flange Dia.	Pinion Dia.	Pinion at Rest
240mm	13.2mm	120mm	95mm	44mm	22mm



HXS075 12 Volt 2.2 kW 9Th/CW

New		Can Use:			
To suit: Chevrolet Applications Engine: V8 Chevrolet Engine Applications Drive end block can be rotated (3 positions) May require shims when fitting		DXS500			
Dry Clutch					
Overall Length	Mounting Hole Dia.	Mt Holes Cnt. to Cnt.	Flange Dia.	Pinion Dia.	Pinion at Rest
227mm	10mm	83mm	25mm	25mm	10mm



HXS076 12 Volt 2.5 kW 9Th/CW

New		Can Use:			
To suit: Nissan Patrol Y61, X-Trail Engine: Z30E/T1 Reduction Gear					
Dry Clutch					
Overall Length	Mounting Hole Dia.	Mt Holes Cnt. to Cnt.	Flange Dia.	Pinion Dia.	Pinion at Rest
212mm	11mm	110mm	82mm	36mm	11mm



HXS077 12 Volt 1.4 kW 9Th/CW

New		Can Use:			
To suit: Nissan Navara, Pathfinder Engine: Y30, Z31 VG30E/HC Planetary gear					
Dry Clutch					
Overall Length	Mounting Hole Dia.	Mt Holes Cnt. to Cnt.	Flange Dia.	Pinion Dia.	Pinion at Rest
206mm	10mm	110mm	82mm	29mm	15mm



HXS078 12 Volt 0.8 kW 9Th/CW

New		Can Use:			
To suit: Nissan 240K, 260Z, D21, MQ, MK, C210, R30 Engine: L24, L26, Z20, L28					
Dry Clutch					
Overall Length	Mounting Hole Dia.	Mt Holes Cnt. to Cnt.	Flange Dia.	Pinion Dia.	Pinion at Rest
208mm	10mm	110mm	82mm	29mm	8mm



To suit Hitachi

HXS079 12 Volt 1.4 kW 21Th/CCW

New		Can Use:			
To suit: Nissan Maxima J30 Engine: 3.0L VG30E					
Dry Clutch					
Overall Length	Mounting Hole Dia.	Mt Holes Cnt. to Cnt.	Flange Dia.	Pinion Dia.	Pinion at Rest
230mm	10mm	105mm	-	60mm	-



HXS080 12 Volt 1.2 kW 8Th/CW

New		Can Use:			
To suit: Nissan NX Coupe Engine: SR20DE					
Dry Clutch					
Overall Length	Mounting Hole Dia.	Mt Holes Cnt. to Cnt.	Flange Dia.	Pinion Dia.	Pinion at Rest
232mm	10mm	106mm	82mm	28mm	41mm



HXS081 12 Volt 2.3 kW 9Th/CW

New		Can Use:			
To suit: Komatsu Forklift, PC75, PC72-2 Engine: 4TNE94, 4TNE98					
Dry Clutch					
Overall Length	Mounting Hole Dia.	Mt Holes Cnt. to Cnt.	Flange Dia.	Pinion Dia.	Pinion at Rest
229mm	13mm	120mm	95mm	39mm	20mm



HXS083 12 Volt 0.8 kW 8Th/CCW

New		Can Use:			
To suit: Nissan Pulsar Engine: 4 cyl E15					
Dry Clutch					
Overall Length	Mounting Hole Dia.	Mt Holes Cnt. to Cnt.	Flange Dia.	Pinion Dia.	Pinion at Rest
211mm	10mm	110mm	70mm	28mm	42mm



HXS084 12 Volt 1.2 kW 9Th/CW

New		Can Use:			
To suit: Yanmar / John Deere Engine: 20HP Gas, 3TG72					
Dry Clutch					
Overall Length	Mounting Hole Dia.	Mt Holes Cnt. to Cnt.	Flange Dia.	Pinion Dia.	Pinion at Rest
194mm	11mm	109mm	80mm	29mm	11mm



To suit Hitachi

HXS086 12 Volt 10Th/CW

New		Can Use:			
To suit: Nissan X-Trail Engine: 2.0L T31 Turbo Diesel					
Dry Clutch					
Overall Length	Mounting Hole Dia.	Mt Holes Cnt. to Cnt.	Flange Dia.	Pinion Dia.	Pinion at Rest
190mm	8mm / 10mm	128mm	82mm	32mm	24mm



HXS087 12 Volt 13Th/CCW

New		Can Use:			
To suit: Nissan X-Trail Engine: T30 QR20DE (Automatic Transmission)					
Dry Clutch					
Overall Length	Mounting Hole Dia.	Mt Holes Cnt. to Cnt.	Flange Dia.	Pinion Dia.	Pinion at Rest
205mm	10 / 13mm	106mm	75mm	40mm	60mm



HXS088 12 Volt 1.4 kW 11Th/CCW

New		Can Use:			
To suit: Nissan Maxima J31 Engine: 3.5L V6 VG35DE					
Dry Clutch					
Overall Length	Mounting Hole Dia.	Mt Holes Cnt. to Cnt.	Flange Dia.	Pinion Dia.	Pinion at Rest
232mm	10 / 13mm	106mm	75mm	40mm	55mm



HXS261 12 Volt 1.4 kW 9Th/CW

New		Can Use:			
To suit: Nissan Patrol GU GU Petrol Engine:					
Dry Clutch					
Overall Length	Mounting Hole Dia.	Mt Holes Cnt. to Cnt.	Flange Dia.	Pinion Dia.	Pinion at Rest
207mm	10mm	110mm	82.4mm	35mm	12mm



HXS9403 24 Volt 5.5 kW 11Th/CW

New		Can Use:			
To suit: Nissan UD C41, CW41, CK320 Engine: PD6, PE6					
Dry Clutch					
Overall Length	Mounting Hole Dia.	Mt Holes Cnt. to Cnt.	Flange Dia.	Pinion Dia.	Pinion at Rest
345mm	13mm	131 x 115 x 115mm	105mm	40mm	38mm



To suit Hitachi

HXS9404 24 Volt 4.5 kW 11Th/CW

New		Can Use:			
To suit: Nissan UD Engine: NEG-T, NE6, ND6					
Dry Clutch					
Overall Length	Mounting Hole Dia.	Mt Holes Cnt. to Cnt.	Flange Dia.	Pinion Dia.	Pinion at Rest
300mm	13mm	132 x 115 x 115mm	105mm	40mm	35mm



SMX008 12 Volt 1.2 kW 8Th/CCW

New		Can Use:			
To suit: Yanmar GA220-340 Engine:					
Dry Clutch					
Overall Length	Mounting Hole Dia.	Mt Holes Cnt. to Cnt.	Flange Dia.	Pinion Dia.	Pinion at Rest
190mm	11mm	103mm	65.8mm	28mm	21mm



SMX088 12 Volt 9Th/CCW

New		Can Use:			
To suit: Dingo / Robin Engine:					
Dry Clutch					
Overall Length	Mounting Hole Dia.	Mt Holes Cnt. to Cnt.	Flange Dia.	Pinion Dia.	Pinion at Rest
193mm	10mm	86mm	64mm	29mm	20mm



To suit: Engine:

Can Use:					
Overall Length	Mounting Hole Dia.	Mt Holes Cnt. to Cnt.	Flange Dia.	Pinion Dia.	Pinion at Rest

To suit: Engine:

Can Use:					
Overall Length	Mounting Hole Dia.	Mt Holes Cnt. to Cnt.	Flange Dia.	Pinion Dia.	Pinion at Rest

To suit Hitachi