



MAGNASOURCE INC.

STARTER & ALTERNATOR

**QUICK
REFERENCE
GUIDE**

**GUÍA DE REFERENCIA
GUIDE DE RÉFÉRENCE FACILE**

Position of Mounting Holes

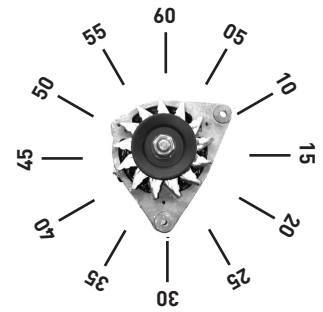
1. Hold up the alternator with the front facing yourself
2. Hold the main fixation holes at 30 minutes
3. Determine the position of the other fixation holes (in this case 30-10)


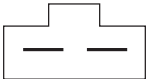

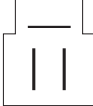








Posición de los agujeros del soporte

1. Detenga el alternador con el frente hacia usted
2. Posicione el agujero de fijación principal hacia abajo marcando 30 minutos
3. Determine la posición de los otros agujeros de fijación (en este caso sería 30 y 10)


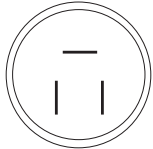
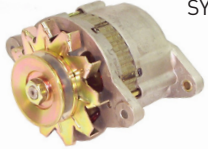


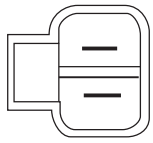



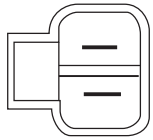

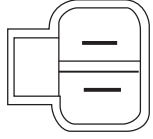



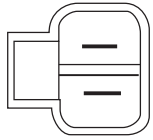
Positionnement des trous de montage






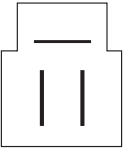



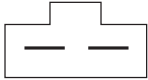






1. Tenez l'alternateur de façon à ce que l'avant de l'appareil soit face à vous
2. Positionnez la fixation principale à 30 minutes
3. Déterminez la position des autres trous (dans le cas présent 30-10)




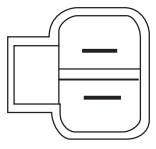

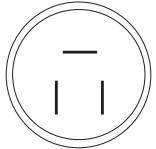

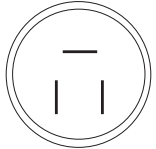

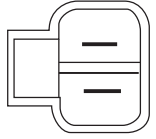







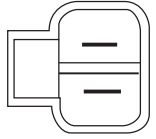
	Description	Amp	Voltage	Type	Hole Position	Regulator	Plug Type	Belts
	SYAR0033 Reman	18	12	2-bolt fixing	30-60	Internal		1
	SYAN0006 SYAR0006 New Reman	30	12	3-bolt fixing	30-60	External		1
	SYAN0110 SYAR0110 New Reman	30	12	2-bolt fixing	30-60	Internal		1
	SYAN0179 New	30	12	2-bolt fixing	30-60	Internal		1
	SYAN0001 New	35	12	3-bolt fixing	30-60	External		1
	SYAN0002 SYAR0002 New Reman	35	12	2-bolt fixing	30-60	Internal		1


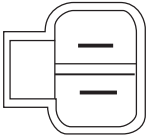



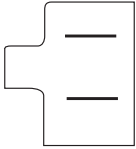

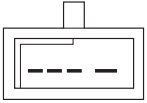

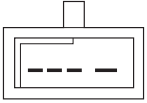

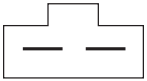

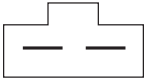

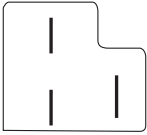
ALTERNATORS ALTERNADORES ALTERNATEURS

		Description	Amp	Voltage	Type	Hole Position	Regulator	Plug Type	Belts
	SYAN0003	New	35	12	2-bolt fixing	30-60	Internal		1
	SYAR0003	Reman							
	SYAN0010	New	35	12	3-bolt fixing	30-60	External		1
	SYAR0010	Reman							
	SYAN0011	New Mitsubishi	35	12	3-bolt fixing	30-60	Internal		1
	SYAN0013	New	35	12	3-bolt fixing	30-60	Internal		1
	SYAR0014	Reman	35	12	2-bolt fixing	30-60	External		1
	SYAN0010-MIT	New	35	12	3-bolt fixing	30-60	Internal		1
	SYAN0147	New	35	12	3-bolt fixing	30-60	External		1
	SYAN0175	New	35	12	3-bolt fixing	30-60	External		1




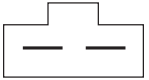




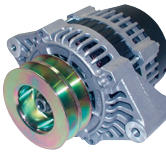







		Description	Amp	Voltage	Type	Hole Position	Regulator	Plug Type	Belts
	SYAN0123 SYAR0123	New Reman	40	12	3-bolt fixing	30-60	Internal		1
	SYAN0180	New	40	12	2-bolt fixing	30-60	Internal		
	SYAR0019	Reman	40	12	3-bolt fixing	30-05	External		1
	SYAN0232	New	40	12	2-bolt fixing	30-60	Internal		1
	SYAR0026	Reman	42	12	2-bolt fixing	30-60	External		1
	SYAN0201	New	45	12	3-bolt fixing	30-60	Internal		1
	SYAR0004	Reman	45	12	3-bolt fixing	30-10	External		1
	SYAN0048	New	48	12	2-bolt fixing	30-60	Internal		2

ALTERNATORS ALTERNADORES ALTERNATEURS

		Description	Amp	Voltage	Type	Hole Position	Regulator	Plug Type	Belts
	SYAN0017 SYAR0017	New Reman	50	12	3-bolt fixing	30-05	Internal		1
	SYAN0044	New	50	12	3-bolt fixing	30-60	Internal		1
	SYAN0046	New	50	12	3-bolt fixing	30-60	Internal		1
	SYAN0124-MIT	New Mitsubishi	50	12	3-bolt fixing	30-60	Internal		1
	SYAR0016	New	50	12	3-bolt fixing	30-10	Internal		1
	SYAR0021	Reman	50	12	3-bolt fixing	30-60	Internal		1
	SYAN0047	New	50	12	2-bolt fixing	30-60	Internal		1
	SYAN0124	New	50	12	3-bolt fixing	30-60	Internal		1

	Description	Amp	Voltage	Type	Hole Position	Regulator	Plug Type	Belts
	SYAN0141 New	50	12	3-bolt fixing	30-60	External		1
	SYAN0231 New	50	12	2-bolt fixing	30-60	Internal		1
	SYAR0028 Reman	61	12	2-bolt fixing	30-60	External		1
	SYAR0030 Reman	61	12	2-bolt fixing	30-60	Internal		1
	SYAR0040 Reman	61	12	3-bolt fixing	30-60	Internal		1
	SYAN0008 SYAR0008 New Reman	63	12	2-bolt fixing	30-60	Internal		1
	SYAN0009 SYAR0009 New Reman	63	12	2-bolt fixing	30-60	Internal		1
	SYAN0039 SYAR0039 New Reman	63	12	2-bolt fixing	30-60	Internal		1




ALTERNATORS ALTERNADORES ALTERNATEURS

	Description	Amp	Voltage	Type	Hole Position	Regulator	Plug Type	Belts
	SYAN0045 New	63	12	2-bolt fixing	30-60	Internal		1
	SYAN0007 New	65	12	2-bolt fixing	30-60	Internal		
	SYAN0151 New	65	12	3-bolt fixing	30-60	Internal		1
	SYAN0132 New Remy	70	12	2-bolt fixing	30-60	Internal		1
	SYAN0133 New Remy	70	12	2-bolt fixing	30-60	Internal		2
	SYAN0134 New Remy	70	12	2-bolt fixing	30-60	Internal		2
	SYAN0177 New	70	12	3-bolt fixing	30-60	Internal		1
	SYAR0029 Reman	72	12	2-bolt fixing	30-60	Internal		1

		Description	Amp	Voltage	Type	Hole Position	Regulator	Plug Type	Belts
	SYAR0034	Reman	72	12	2-bolt fixing	30-60	Internal		1
	SYAR0027	Reman	105	12	2-bolt fixing	30-50	Internal		1
	SYAR0035	Reman	15	24	3-bolt fixing	30-55	External		1
	SYAN0057	New	30	24	3-bolt fixing	30-60	Internal		1
	SYAN0184	New	35a	24	3-bolt fixing	30-60	Internal		1



Parts sourced by TVH.

	Part #	Type	Description	Motor	Teeth	Voltage	Rotation	Oil Sealed	Mounting Holes	Hole Position
	SYSN0002 SYSN0002-MIT SYSR0002	Direct Drive	New Mitsubishi Reman	0.8kW	8	12	CW	No	2	40-10
	SYSN0011 SYSN0011-MIT	Permanent Magnet Gear Reduction Planetary Reduction Drive	New Mitsubishi	0.8kW	8	12	CW	No	2	40-10
	SYSN0102 SYSR0102	Direct Drive Direct Drive	New Reman	0.8kW	8	12	CW	No	2	55-25
	SYSN0004 SYSR0004	Permanent Magnet Gear Reduction Direct Drive	New Reman	0.8kW	9	12	CW	No	2	40-10
	SYSN0019 SYSN0019-MIT SYSR0019	Permanent Magnet Gear Reduction Direct Drive Direct Drive	New Mitsubishi Reman	0.8kW	9	12	CW	No	2	60-30
	SYSN0086 SYSR0086	Permanent Magnet Gear Reduction Direct Drive	New Reman	0.8kW	9	12	CW	No	2	55-25
	SYSN0123	Direct Drive	New	0.8kW	9	12	CW	No	2	40-10-00

	Part #	Type	Description	Motor	Teeth	Voltage	Rotation	Oil Sealed	Mounting Holes	Hole Position
	SYSN0003	Direct Drive	New-Mitsubishi	0.8kW	11	12	CW	No	2	35-05
	SYSR0003	Direct Drive	Reman							
	SYSN0088	Permanent Magnet Gear Reduction	New	1.0kW	8	12	CW	No	2	40-10
	SYSN0088-MIT	Planetary Reduction Drive	New Mitsubishi							
	SYSN0192	Permanent Magnet Gear Reduction	New	1.0kW	8	12	CW	No	2	35-05
	SYSN0192-MIT	Planetary Reduction Drive	New Mitsubishi							
	SYSN0006	Direct Drive	New Mitsubishi	1.1kW	8	12	CW	No	2	40-10
	SYSR0006	Direct Drive	Reman							
	SYSN0009	Planetary Reduction Drive	New Mitsubishi	1.2kW	9	12	CW	No	2	35-05
	SYSR0015	Direct Drive	Reman	1.2kW	9	12	CW	No	2	55-25
	SYSN0087	Direct Drive	New	1.2kW	9	12	CW	No	2	55-25
	SYSR0087	Direct Drive	Reman							




	Part #	Type	Description	Motor	Teeth	Voltage	Rotation	Oil Sealed	Mounting Holes	Hole Position
	SYSN0143	Permanent Magnet Gear Reduction	New	1.2kW	9	12	CW	No	2	35-05
	SYSN0143-MIT	Planetary Reduction Drive	New Mitsubishi							
	SYSN0012	Planetary Reduction Drive	New Mitsubishi	1.2kW	10	12	CW	No	2	40-10
	SYSN0470-MIT	Offset Gear Reduction	Mitsubishi	1.2kW	11	12	CW	No	2	40-10-00
	SYSR0078	Direct Drive	Reman	1.3kW	9	12	CW	No	2	55-10
	SYSN0010	Offset Gear Reduction	Reman Denso	1.4kW	9	12	CW	No	2	50-20
	SYSR0010	Offset Gear Reduction	Reman							
	SYSR0018	Offset Gear Reduction	Reman Denso	1.4kW	9	12	CW	No	2	40-10
	SYSR0025	Direct Drive	Reman	1.4kW	9	12	CW	No	2	55-25

	Part #	Type	Description	Motor	Teeth	Voltage	Rotation	Oil Sealed	Mounting Holes	Hole Position
	SYSR0038	Direct Drive	Reman	1.4kW	9	12	CW	Yes	2	55-25
	SYSN0060	Offset Gear Reduction	New	1.4kW	9	12	CW	No	2	50-20
	SYSR0063	Offset Gear Reduction	Reman	1.4kW	9	12	CW	No	2	50-10
	SYSN0097 SYSN0097-ORG	Offset Gear Reduction Offset Gear Reduction	New New Denso	1.4kW	9	12	CW	No	2	40-10
	SYSR0104	Direct Drive	Reman	1.4kW	9	12	CW	No	2	35-05
	SYSN0107	Offset Gear Reduction	New	1.4kW	9	12	CW	No	2	50-20
	SYSN0140 SYSR0140	Offset Gear Reduction Gear Reduction	Reman Denso Reman	1.4kW	9	12	CW	Yes	2	50-20

Part #	Type	Description	Motor	Teeth	Voltage	Rotation	Oil Sealed	Mounting Holes	Hole Position
 SYSN0472	Direct Drive	New	1.4kW	9	12	CW	Yes	2	35-05
 SYSN0013	Direct Drive	New	1.4kW	10	12	CW	No	2	35-05
 SYSR0013	Direct Drive	Reman							
 SYSN0022	Offset Gear Reduction	New	1.4kW	10	12	CW	No	2	40-10
 SYSN0022-ORG	Offset Gear Reduction	New Denso							
 SYSR0070	Offset Gear Reduction	Reman Denso	1.4kW	10	12	CW	No	2	40-10
 SYSR0071	Offset Gear Reduction	Reman Denso	1.4kW	10	12	CW	No	2	40-15
 SYSN0072-ORG	Offset Gear Reduction	New Denso	1.4kW	10	12	CW	No	2	50-20
 SYSR0072	Offset Gear Reduction	Reman Denso							
 SYSN0008	Offset Gear Reduction	New	1.4kW	11	12	CW	No	2	35-05
 SYSN0008-MIT	Offset Gear Reduction	New Mitsubishi							

	Part #	Type	Description	Motor	Teeth	Voltage	Rotation	Oil Sealed	Mounting Holes	Hole Position
	SYSN0007	Direct Drive	New	1.4kW	9	12	CW	Yes	3	30-45-60
	SYSR0007	Direct Drive	Reman							
	SYSR0020	Offset Gear Reduction	Reman Denso	1.4kW	9	12	CW	No	3	40-50-10
	SYSR0023	Direct Drive	Reman	1.4kW	9	12	CW	No	3	30-60-15
	SYSN0036	Direct Drive	New Mitsubishi	1.4kW	9	12	CW	No	3	35-50-05
	SYSR0036	Direct Drive	Reman							
	SYSN0039	Direct Drive	New	1.4kW	9	12	CW	Yes	3	35-50-05
	SYSR0039	Direct Drive	Reman							
	SYSR0048	Direct Drive	Reman	1.4kW	9	12	CW	No	3	35-50-05
	SYSN0144	Direct Drive	New	1.4kW	9	12	CW	Yes	3	40-55-10

	Part #	Type	Description	Motor	Teeth	Voltage	Rotation	Oil Sealed	Mounting Holes	Hole Position
	SYSN0014	Direct Drive	New	1.4kW	10	12	CW	Yes	3	55-10-25
	SYSN0017	Offset Gear Reduction	Reman Denso	1.4kW	10	12	CW	Yes	3	40-55-10
	SYSN0021	Offset Gear Reduction	New	1.4kW	9	12	CW	No	3	45-55-25
	SYSN0042	Direct Drive	New	1.4kW	10	12	CW	No	3	35-50-05
	SYSR0042	Direct Drive	Reman	1.4kW	10	12	CW	No	3	35-50-05
	SYSN0047	Direct Drive	New	1.4kW	10	12	CW	Yes	3	35-50-05
	SYSR0047	Direct Drive	Reman	1.4kW	10	12	CW	Yes	3	35-50-05
	SYSN0082	Direct Drive	New	1.4kW	10	12	CW	No	3	35-50-05
	SYSR0096	Direct Drive	Reman	1.4kW	10	12	CW	No	3	36-60-15

	Part #	Type	Description	Motor	Teeth	Voltage	Rotation	Oil Sealed	Mounting Holes	Hole Position
	SYSR0098	Direct Drive	Reman	1.4kW	10	12	CW	Yes	3	55-10-25
	SYSN0196-ORG	Direct Drive	Remy	1.4kW	9	12	CW	No	2	55-20-00
	SYSN0126	Direct Drive	New	1.4kW	10	12	CW	No	3	30-05-20
	SYSN0477	Direct Drive	New	1.4kW	11	12	CW	No	2	15-220
	SYSN0488	Offset Gear Reduction	New	1.4kW	9	12	CW	No	2	35-05-00
	SYSR0075	Direct Drive	Reman	1.5kW	9	12	CW	No	2	50-20
	SYSN0106	Direct Drive	Remy	1.6kW	11	12	CW	No	2	15-220


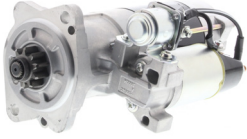
Part #	Type	Description	Motor	Teeth	Voltage	Rotation	Oil Sealed	Mounting Holes	Hole Position
 SYSN0079	Permanent Magnet Gear Reduction	New Remy	1.7kW	11	12	CW	No	2	50-05
 SYSN0081	Permanent Magnet Gear Reduction	New	1.7kW	11	12	CW	No	2	35-60
 SYSN0081-ORG	Permanent Magnet Gear Reduction	New Remy							
 SYSN0111	Permanent Magnet Gear Reduction	New	1.8kW	8	12	CW	No	2	30-05
 SYSN0001	Offset Gear Reduction	New	2.0kW	9	12	CW	No	2	40-10
 SYSN0001-ORG	Gear Reduction	New Denso							
 SYSN0005	Offset Gear Reduction	New	2.0kW	9	12	CW	No	2	55-25
 SYSR0005	Offset Gear Reduction	Reman							
 SYSN0354	Offset Gear Reduction	New	2.0kW	9	12	CW	No	2	40-10-00
 SYSN0065-ORG	Offset Gear Reduction	New Denso	2.0kW	10	12	CW	Yes	2	40-10

	Part #	Type	Description	Motor	Teeth	Voltage	Rotation	Oil Sealed	Mounting Holes	Hole Position
	SYSN0213 SYSR0213	Offset Gear Reduction Gear Reduction	New Reman Denso	2.2kW	9	12	CW	No	2	40-10
	SYSN0113 SYSN0113-MIT	Offset Gear Reduction Offset Gear Reduction	New New Mitsubishi	2.2kW	10	12	CW	No	2	50-20
	SYSR0148	Offset Gear Reduction	Reman	2.2kW	13	12	CW	No	3	55-10-25
	SYSN0279	Direct Drive	New	2.3kW	9	12	CW	No	2	35-05-00
	SYSN0165	Offset Gear Reduction	New	2.3kW	9	12	CW	No	2	35-05-00
	SYSN0234	Offset Gear Reduction	New	2.5kW	13	12	CCW	No	2	50-20-00
	SYSN0105 SYSN0105-MIT	Offset Gear Reduction Offset Gear Reduction	New New Mitsubishi	2.7kW	13	12	CW	No	3	50-05-20


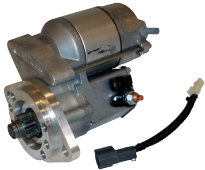

Part #	Type	Description	Motor	Teeth	Voltage	Rotation	Oil Sealed	Mounting Holes	Hole Position
SYSN0290	Offset Gear Reduction	New	2.7kW	11	12	CW	No	3	50-05-20
									
SYSN0190	Offset Gear Reduction	Reman Denso	2.8kW	10	12	CW	Yes	2	60-30
SYSN0190-ORG	Offset Gear Reduction	New Denso							
									
SYSN0058	Offset Gear Reduction	Reman Denso	2.8kW	11	12	CW	Yes	2	40-10
SYSN0058-ORG	Offset Gear Reduction	New Denso							
									
SYSN0041	Direct Drive	New	2.5kW	10	12	CW	Yes	3	35-50-05
SYSR0041	Direct Drive	Reman							
									
SYSN0031	Offset Gear Reduction	New	2.8kW	10	12	CW	No	3	55-10-20
SYSR0031	Offset Gear Reduction	Reman							
									
SYSN0069	Offset Gear Reduction	New	2.8kW	10	12	CW	Yes	3	40-55-10
SYSR0069	Offset Gear Reduction	Reman							
									
SYSN0091	Offset Gear Reduction	New	2.8kW	10	12	CW	Yes	3	40-50-10
									

	Part #	Type	Description	Motor	Teeth	Voltage	Rotation	Oil Sealed	Mounting Holes	Hole Position
	SYSN0108	Offset Gear Reduction	New	2.8kW	10	12	CW	No	3	55-10-25
	SYSR0108	Offset Gear Reduction	Reman							
	SYSN0129	Offset Gear Reduction	New	2.8kW	10	12	CW	Yes	3	40-55-10
	SYSR0129-ORG	Offset Gear Reduction	New Denso							
	SYSN0227	Direct Drive	New	2.8kW	10	12	CW	No	3	35-55-10
	SYSR0227	Direct Drive	Reman							
	SYSN0028	Permanent Magnet Gear Reduction	New	3.0kW	10	12	CW	No	3	35-50-05
	SYSR0028	Direct Drive	Reman							
	SYSN0110	Direct Drive	New	3.0kW	10	12	CW	No	3	55-10-20
	SYSN0193	Permanent Magnet Gear Reduction	New	3.0kW	10	12	CW	No	3	55-10-25
	SYSR0085	Direct Drive	Reman	4.0kW	10	12	CW	No	3	35-55-05








Part #	Type	Description	Motor	Teeth	Voltage	Rotation	Oil Sealed	Mounting Holes	Hole Position
 SYSN0095	Direct Drive	New	4.0kW	10	12	CW	No	3	55-05-20
 SYSN0112	Offset Gear Reduction	New Mitsubishi	3.2kW	11	24	CW	No	2	40-10
 SYSN0151	Offset Gear Reduction	New	3.5kW	11	24	CW	No	3	45-05-15
 SYSN0052 SYSR0052	Offset Gear Reduction Offset Gear Reduction	New Reman	4.5kW	11	24	CW	No	3	40-55-10
 SYSN0132 SYSN0132-ORG	Offset Gear Reduction Offset Gear Reduction	New New Denso	4.5kW	10	24	CW	Yes	2	50-20
 SYSN0100	Offset Gear Reduction	New	5.0kW	10	24	CW	No	2	40-10
 SYSN0027	Offset Gear Reduction	Denso Reman	4.5kW	11	24	CW	Yes	2	45-10

	Part #	Type	Description	Motor	Teeth	Voltage	Rotation	Oil Sealed	Mounting Holes	Hole Position
	SYSN0054	Offset Gear Reduction	New	4.5kW	11	24	CW	Yes	2	40-10
	SYSR0054	Offset Gear Reduction	Reman							
	SYSN0150	Offset Gear Reduction	New	5.0kW	10	24	CW	No	2	50-20-00

HEAVY DUTY STARTERS MOTORES DE ARRANQUE PARA TRABAJO PESADO DÉMARREURS








	Motor	Teeth	Voltage	Type	Adjustable	Rotation	Oil Sealed	Mounting Holes	Hole Position	
	SYSN0004-HD	1.2kW	9	12	OSGR	No	CW	No	2	40-10
	SYSN0025-HD	1.2kW	9	12	OSGR	Yes	CW	No	2	55-25
	SYSN0143-HD	1.2kW	9	12	OSGR	Yes	CW	No	2	35-05
	SYSN0003-HD	1.2kW	11	12	OSGR	No	CW	No	2	40-10

HEAVY DUTY STARTERS MOTORES DE ARRANQUE PARA TRABAJO PESADO DÉMARREURS

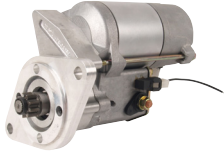
	Motor	Teeth	Voltage	Type	Adjustable	Rotation	Oil Sealed	Mounting Holes	Hole Position
SYSN0081-HD	1.2kW	11	12	OSGR	No	CW	No	2	35-60
									
SYSN0088-HD	1.2kW	11	12	OSGR	No	CW	No	2	40-10
									
SYSN0006-HD	1.2kW	11	12	OSGR	No	CW	Yes	2	40-10
									
SYSN0008-HD	1.2kW	11	12	OSGR	No	CW	No	2	35-05
									
SYSN0106-HD	1.2kW	11	12	OSGR	No	CW	No	2	15-220
									
SYSN0010-HD	1.4kW	9	12	OSGR	No	CW	No	2	50-20
									
SYSN0060-HD	1.4kW	9	12	OSGR	Yes	CW	No	2	50-20
									

	Motor	Teeth	Voltage	Type	Adjustable	Rotation	Oil Sealed	Mounting Holes	Hole Position	
	SYSN0063-HD	1.4kW	9	12	OSGR	No	CW	No	2	50-10
										
	SYSN0013-HD	1.4kW	10	12	OSGR	No	CW	No	2	35-05
										
	SYSN0089-HD	1.4kW	10	12	OSGR	Yes	CW	Yes	2	35-05
										
	SYSN0079-HD	1.4kW	11	12	OSGR	No	CW	No	2	50-05
										
	SYSN0192-HD	1.4kW	11	12	OSGR	No	CW	No	2	35-05
										
	SYSN0018-HD	1.4kW	9	12	OSGR	No	CW	Yes	3	40-10
										
	SYSN0020-HD	1.4kW	9	12	OSGR	No	CW	No	3	40-50-10
										

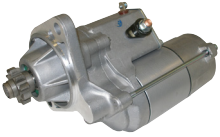
HEAVY DUTY STARTERS MOTORES DE ARRANQUE PARA TRABAJO PESADO DÉMARREURS

	Motor	Teeth	Voltage	Type	Adjustable	Rotation	Oil Sealed	Mounting Holes	Hole Position
SYSN0021-HD	1.4kW	9	12	OSGR	No	CW	No	3	40-50-10
									
SYSN0023-HD	1.4kW	9	12	OSGR	Yes	CW	Yes	3	30-60-15
									
SYSN0007-HD	1.4kW	10	12	OSGR	Yes	CW	Yes	3	30-45-60
									
SYSN0082-HD	1.4kW	10	12	OSGR	No	CW	Yes	3	35-50-05
									
SYSN0001-HD	2.0kW	9	12	OSGR	Yes	CW	No	2	40-10
									
SYSN0005-HD	2.0kW	9	12	OSGR	Yes	CW	No	2	55-25
									
SYSN0016-HD	2.0kW	9	12	OSGR	Yes	CW	No	2	25-05
									

	Motor	Teeth	Voltage	Type	Adjustable	Rotation	Oil Sealed	Mounting Holes	Hole Position
SYSN0038-HD	2.0kW	9	12	OSGR	Yes	CW	No	2	55-25



SYSN0065-HD	2.0kW	10	12	OSGR	No	CW	Yes	2	40-10
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SYSN0036-HD	2.0kW	9	12	OSGR	No	CW	Yes	3	35-50-5
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SYSN0039-HD	2.0kW	9	12	OSGR	No	CW	Yes	3	35-50-05
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SYSN0058-HD	2.5kW	11	12	OSGR	No	CW	No	2	40-10
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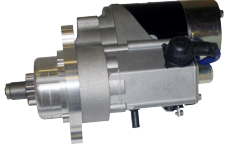


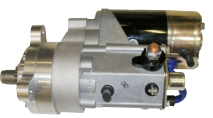



SYSN0092-HD	2.5kW	11	12	OSGR	No	CW	No	2	40-10
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SYSN0028-HD	2.5kW	10	12	OSGR	Yes	CW	No	3	35-50-05
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HEAVY DUTY STARTERS MOTORES DE ARRANQUE PARA TRABAJO PESADO DÉMARREURS

	Motor	Teeth	Voltage	Type	Adjustable	Rotation	Oil Sealed	Mounting Holes	Hole Position
SYSN0031-HD	2.5kW	10	12	OSGR	Yes	CW	No	3	55-10-20
									
SYSN0046-HD	2.5kW	10	12	OSGR	Yes	CW	No	3	45-60-15
									
SYSN0069-HD	2.5kW	10	12	OSGR	Yes	CW	No	3	40-55-10
									
SYSN0110-HD	2.5kW	10	12	OSGR	Yes	CW	No	3	55-10-20
									
SYSN0027-HD	4.5kW	11	24	OSGR	No	CW	No	2	45-10
									
SYSN0054-HD	4.5kW	11	24	OSGR	No	CW	No	2	40-10
									
SYSN0052-HD	4.5kW	11	24	OSGR	Yes	CW	No	3	40-55-10
									

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