

For Repair Parts, call 1-800-Grainger

24 hours a day – 365 days a year

Please provide following information:

- Model number
- Serial number (if any)
- Part description and number as shown in parts list

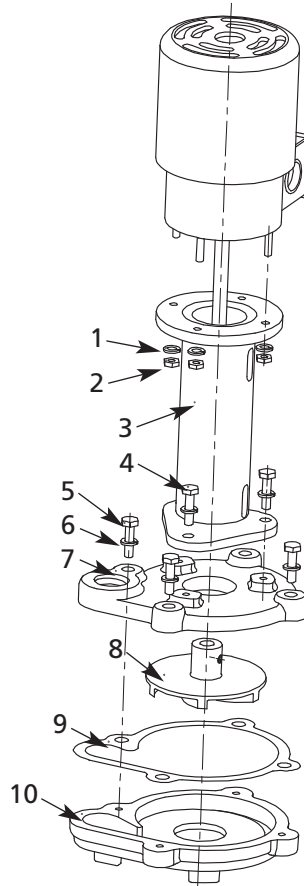


Figure 6 – Repair Parts Illustration for Coolant/Recirculating Pump

Repair Parts List for Coolant/Recirculating Pump

Ref. No.	Description	Part Number for Models:		Qty.
		4JPH3A	4JPH4A	
1	Washer	PP210450Z02G	PP210450Z02G	4
2	Hex Nut	PP2101U19Z02G	PP2101U19Z02G	4
3	Column	PP23023BU09G	PP23023BU09G	1
4	Hex Bolt	PP2102U2504G	PP2102U2504G	3
5	Hex Bolt	PP2102U2503G	PP2102U2503G	4
6	Spring Washer	PP21046501G	PP21046501G	7
7	Volute Cover	PP23023BU0102G	PP23023BU0102G	1
8	Impeller with Set Screw	PP20003BU02G	PP20003BU02G	1
9	Gasket	PP26123BU05G	PP26123BU05G	1
10	Volute	PP23023BU0101G	PP23023BU0101G	1

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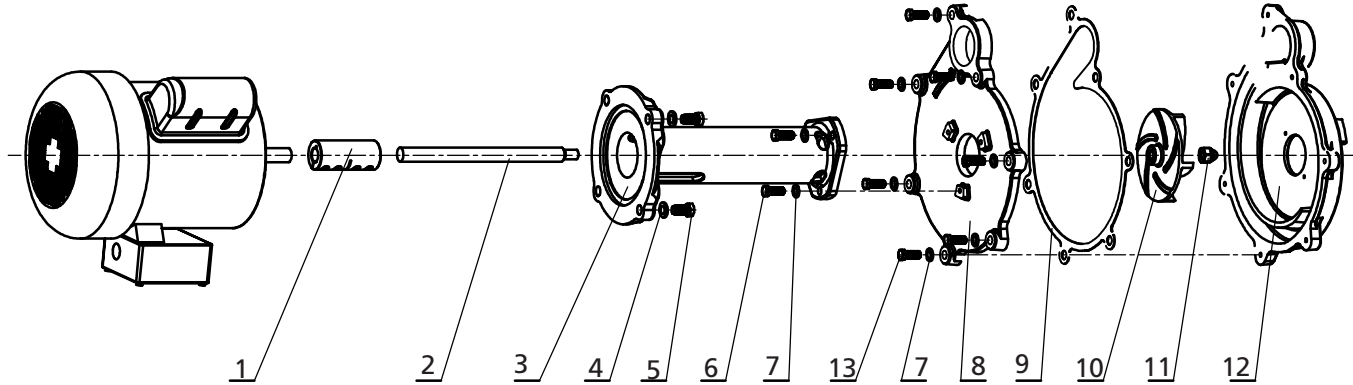


Figure 7a – Repair Parts Illustration for Coolant/Recirculating Pump

Repair Parts List for Coolant/Recirculating Pump

Ref. No.	Description	Part Number for Models:				Qty.
		4JPH5A	4JPH6	4JPH7	4JPH8	
1	Coupling with Set Screws	PP24093BQ0902G	PP24093BQ0902G	PP24093BQ0902G	PP24093BQ0902G	1
2	Shaft	PP24053BS0903G	PP24053BS0903G	PP24053BS0903G	PP24053BS0903G	1
3	Column	PP23023BS0904G	PP23023BS0904G	PP23023BS0904G	PP23023BS0904G	1
4	Split Lock Washer	PP210410006G	PP210410006G	PP210410006G	PP210410006G	4
5	Cap Screws	PP2102U2806G	PP2102U2806G	PP2102U2806G	PP2102U2806G	4
6	Cap Screws	PP2102U2506GG	PP2102U2506GG	PP2102U2506GG	PP2102U2506GG	3
7	Split Lock Washer	PP21046006GG	PP21046006GG	PP21046006GG	PP21046006GG	10
8	Volute Cover	PP23023BS0102G	PP23023BS0102G	PP23023BS0102G	PP23023BS0102G	1
9	Gasket	PP26183BS0103G	PP26183BS0103G	PP26183BS0103G	PP26183BS0103G	1
10	Impeller	PP24053BS0201G	PP24053BS0201G	PP24053BY0201G	PP24053BY0201G	1
11	Acorn Nut	PP2101U2002G	PP2101U2002G	PP2101U2002G	PP2101U2002G	1
12	Volute	PP23023BS0101G	PP23023BS0101G	PP23023BY0101G	PP23023BY0101G	1
13	Hex Bolt	PP2102U2503G	PP2102U2503G	PP2102U2503G	PP2102U2503G	7

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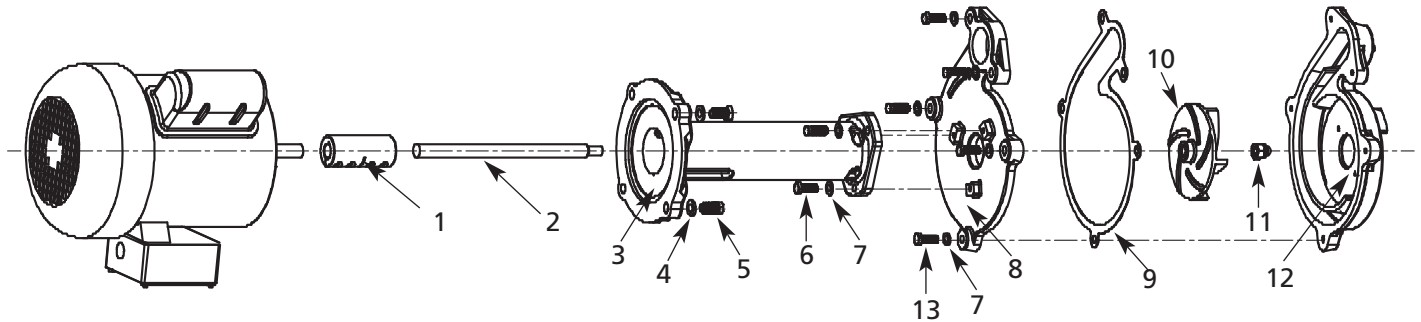


Figure 7b – Repair Parts Illustration for Coolant/Recirculating Pump (Continued)

Repair Parts List for Coolant/Recirculating Pump (Continued)

Ref. No.	Description	Part Number for Models:				Qty.
		4JPG6A	4JPG7	4JPG8A	4JPG9	
1	Coupling with Set Screws	PP24093BQ0902G	PP24093BQ0902G	PP24093BQ0902G	PP24093BQ0902G	1
2	Shaft	PP24053BN0903G	PP24053BN0903G	PP24053BQ0903G	PP24053BQ0903G	1
3	Column	PP23023BN0904G	PP23023BN0904G	PP23023BQ0904G	PP23023BQ0904G	1
4	Split Lock Washer	PP210410006G	PP210410006G	PP210410006G	PP210410006G	4
5	Cap Screws	PP2102U2806G	PP2102U2806G	PP2102U2806G	PP2102U2806G	4
6	Cap Screws	PP2102U2506G	PP2102U2506G	PP2102U2506G	PP2102U2506G	3
7	Split Lock Washer	PP21046006G	PP21046006G	PP21046006G	PP21046006G	8
8	Volute Cover	PP23023BQ0102G	PP23023BQ0102G	PP23023BQ0102G	PP23023BQ0102G	1
9	Gasket	PP26183BQ0103G	PP26183BQ0103G	PP26183BQ0103G	PP26183BQ0103G	1
10	Impeller	PP24053BN0201G	PP24053BN0201G	PP24053BQ0201G	PP24053BQ0201G	1
11	Acorn Nut	PP2101U2002G	PP2101U2002G	PP2101U2002G	PP2101U2002G	1
12	Volute	PP23023BQ0101G	PP23023BQ0101G	PP23023BQ0101G	PP23023BQ0101G	1
13	Hex Bolt	PP2102U2503G	PP2102U2503G	PP2102U2503G	PP2102U2503G	5

**Para Obtener Partes de Reparación en México Llame al 001-800-527-2331
en EE.UU. Llame al 1-800-Grainger**

Servicio permanente – 24 horas al día al año

Por favor proporcionémos la siguiente información:

- Número de modelo
- Número de serie (si lo tiene)
- Descripción de la parte y número que le corresponde en la lista de partes

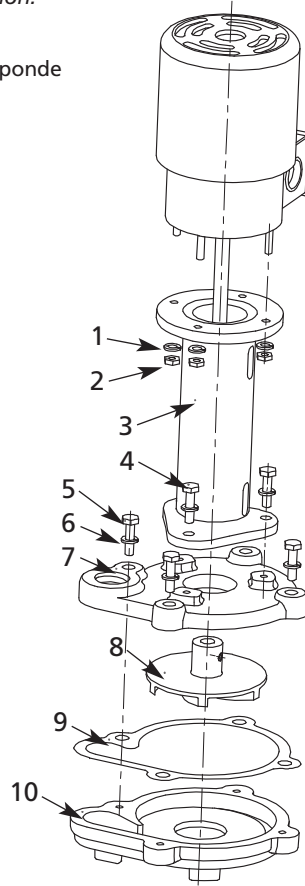


Figura 6 – Ilustración de las Partes de Reparación para la Bomba Recirculadora/de Refrigeración

Lista de Partes de Reparación para la Bomba Recirculadora/de Refrigeración

No. de Ref.	Descripción	Número de Parte para Modelos:		Cant.
		4JPH3A	4JPH4A	
1	Arandela	PP210450Z02G	PP210450Z02G	4
2	Tuerca hexagonal	PP2101U19Z02G	PP2101U19Z02G	4
3	Columna	PP23023BU09G	PP23023BU09G	1
4	Perno hexagonal	PP2102U2504G	PP2102U2504G	3
5	Perno hexagonal	PP2102U2503G	PP2102U2503G	4
6	Arandela de presión	PP21046501G	PP21046501G	7
7	Tapa de la voluta	PP23023BU0102G	PP23023BU0102G	1
8	Impulsor con tornillo de fijación	PP20003BU02G	PP20003BU02G	1
9	Empaquetadura	PP26123BU05G	PP26123BU05G	1
10	Voluta	PP23023BU0101G	PP23023BU0101G	1

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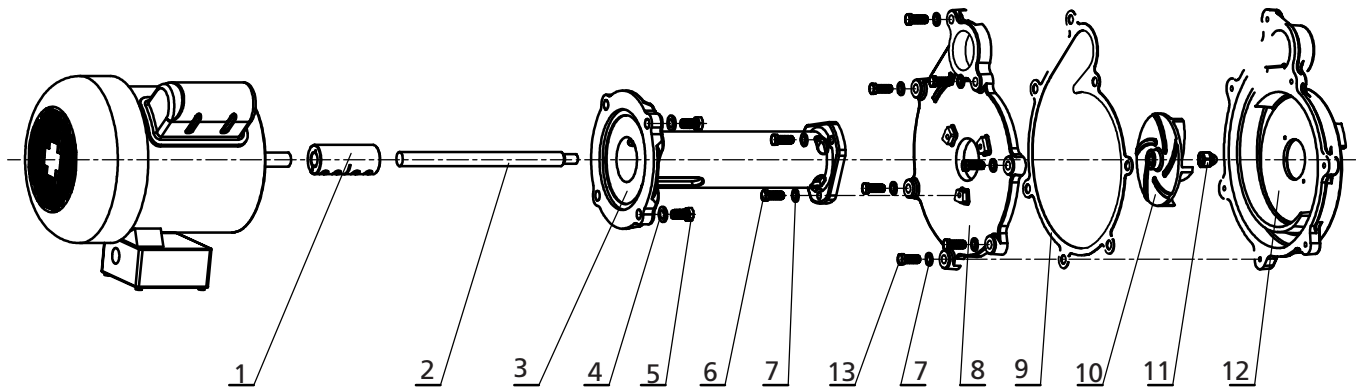


Figura 7a – Ilustración de las Partes de Reparación para la Bomba Recirculadora/de Refrigeración

Lista de Partes de Reparación para la Bomba Recirculadora/de Refrigeración

No. de Ref.	Descripción	Número de Parte para Modelos:				Cant.
		4JPH5A	4JPH6	4JPH7	4JPH8	
1	Acoplamiento con tornillos de fijación	PP24093BQ0902G	PP24093BQ0902G	PP24093BQ0902G	PP24093BQ0902G	1
2	Eje	PP24053BS0903G	PP24053BS0903G	PP24053BS0903G	PP24053BS0903G	1
3	Columna	PP23023BS0904G	PP23023BS0904G	PP23023BS0904G	PP23023BS0904G	1
4	Arandela partida de seguridad	PP210410006G	PP210410006G	PP210410006G	PP210410006G	4
5	Tornillos de cabeza hueca	PP2102U2806G	PP2102U2806G	PP2102U2806G	PP2102U2806G	4
6	Tornillos de cabeza hueca	PP2102U2506GG	PP2102U2506GG	PP2102U2506GG	PP2102U2506GG	3
7	Arandela partida de seguridad	PP21046006GG	PP21046006GG	PP21046006GG	PP21046006GG	10
8	Tapa de la voluta	PP23023BS0102G	PP23023BS0102G	PP23023BS0102G	PP23023BS0102G	1
9	Empaquetadura	PP26183BS0103G	PP26183BS0103G	PPP26183BS0103G	PP26183BS0103G	1
10	Impulsor	PP24053BS0201G	PP24053BS0201G	PP24053BY0201G	PP24053BY0201G	1
11	Tuerca ciega	PP2101U2002G	PP2101U2002G	PP2101U2002G	PP2101U2002G	1
12	Voluta	PP23023BS0101G	PP23023BS0101B	PP23023BY0101G	PP23023BY0101G	1
13	Perno de la tuerca hexagonal	PP2102U2503G	PP2102U2503G	PP2102U2503G	PP2102U2503G	7

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- Número de serie (si lo tiene)
- Descripción de la parte y número que le corresponde en la lista de partes

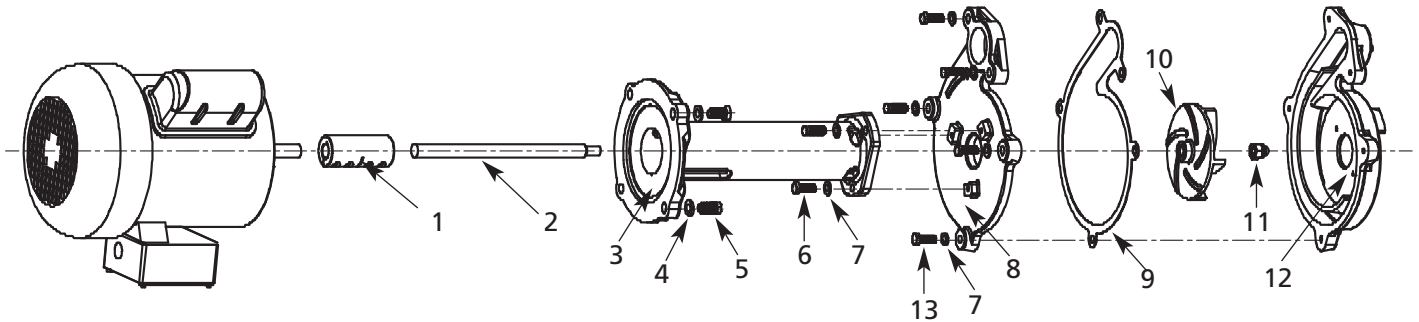


Figura 7b – Ilustración de las Partes de Reparación para la Bomba Recirculadora/de Refrigeración (Continuación)

Lista de Partes de Reparación para la Bomba Recirculadora/de Refrigeración (Continuación)

No. de Ref.	Descripción	Número de Parte para Modelos:				Cant.
		4JPG6A	4JPG7	4JPG8A	4JPG9	
1	Acoplamiento con tornillos de fijación	PP24093BQ0902G	PP24093BQ0902G	PP24093BQ0902G	PP24093BQ0902G	1
2	Eje	PP24053BN0903G	PP24053BN0903G	PP24053BQ0903G	PP24053BQ0903G	1
3	Columna	PP23023BN0904G	PP23023BN0904G	PP23023BQ0904G	PP23023BQ0904G	1
4	Arandela partida de seguridad	PP210410006G	PP210410006G	PP210410006G	PP210410006G	4
5	Tornillos de cabeza hueca	PP2102U2806G	PP2102U2806G	PP2102U2806G	PP2102U2806G	4
6	Tornillos de cabeza hueca	PP2102U2506G	PP2102U2506G	PP2102U2506G	PP2102U2506G	3
7	Arandela partida de seguridad	PP21046006G	PP21046006G	PP21046006G	PP21046006G	8
8	Tapa de la voluta	PP23023BQ0102G	PP23023BQ0102G	PP23023BQ0102G	PP23023BQ0102G	1
9	Empaquetadura	PP26183BQ0103G	PP26183BQ0103G	PP26183BQ0103G	PP26183BQ0103G	1
10	Impulsor	PP24053BN0201G	PP24053BN0201G	PP24053BQ0201G	PP24053BQ0201G	1
11	Tuerca ciega	PP2101U2002G	PP2101U2002G	PP2101U2002G	PP2101U2002G	1
12	Voluta	PP23023BQ0101G	PP23023BQ0101G	PP23023BQ0101G	PP23023BQ0101G	1
13	Perno de la tuerca hexagonal	PP2102U2503G	PP2102U2503G	PP2102U2503G	PP2102U2503G	5

Pour commander des pièces détachées, composer sans frais le 1-800-Grainger

24 heures par jour – 365 jours par an

Fournir les informations suivantes :

- Numéro de modèle
- Numéro de série (s'il y en a un)
- Description et numéro de pièce comme indiqué sur la liste des pièces

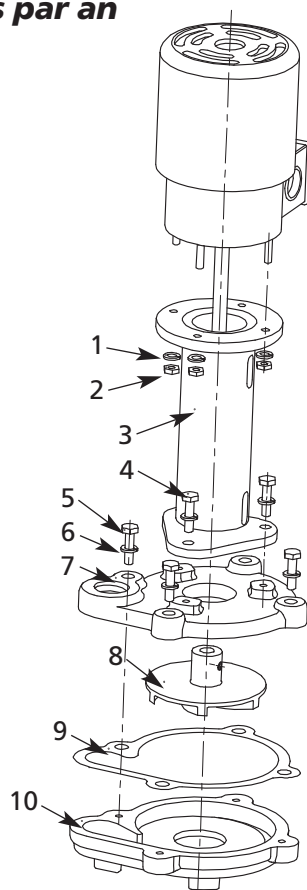


Figure 6 – Illustration des pièces détachées pour Pompes de recirculation / de refroidissement

Liste des pièces détachées pour Pompes de recirculation / de refroidissement

N° de réf.	Description	Numéro de pièce pour modèles :		Qté
		4JPH3A	4JPH4A	
1	Rondelle	PP210450Z02G	PP210450Z02G	4
2	Écrou hexagonal	PP2101U19Z02G	PP2101U19Z02G	4
3	Colonne	PP23023BU09G	PP23023BU09G	1
4	Boulon hexagonal	PP2102U2504G	PP2102U2504G	3
5	Rondelle élastique	PP21046501G	PP21046501G	7
6	Boulon hexagonal	PP2102U2503G	PP2102U2503G	4
7	Capot de la volute	PP23023BU0102G	PP23023BU0102G	1
8	Roue avec vis de calage	PP20003BU02G	PP20003BU02G	1
9	Joint d'étanchéité	PP26123BU05G	PP26123BU05G	1
10	Volute	PP23023BU0101G	PP23023BU0101G	1

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- Numéro de modèle
- Numéro de série (s'il y en a un)
- Description et numéro de pièce comme indiqué sur la liste des pièces

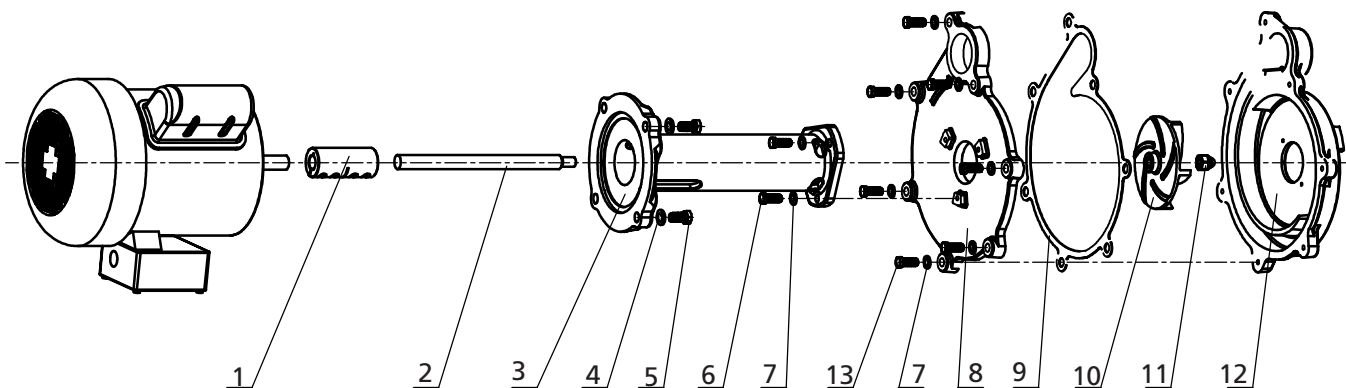


Figure 7a – Illustration des pièces détachées pour Pompes de recirculation / de refroidissement

Liste des pièces détachées pour Pompes de recirculation / de refroidissement

N° de réf.	Description	Numéro de pièce pour modèles :				Qté
		4JPH5A	4JPH6	4JPH7	4JPH8	
1	Coupleur avec vis de calage	PP24093BQ0902G	PP24093BQ0902G	PP24093BQ0902G	PP24093BQ0902G	1
2	Arbre	PP24053BS0903G	PP24053BS0903G	PP24053BS0903G	PP24053BS0903G	1
3	Colonne	PP23023BS0904G	PP23023BS0904G	PP23023BS0904G	PP23023BS0904G	1
4	Rondelle de blocage fendue	PP210410006G	PP210410006G	PP210410006G	PP210410006G	4
5	Vis d'assemblage	PP2102U2806G	PP2102U2806G	PP2102U2806G	PP2102U2806G	4
6	Vis d'assemblage	PP2102U2506GG	PP2102U2506GG	PP2102U2506GG	PP2102U2506GG	3
7	Rondelle de blocage fendue	PP21046006GG	PP21046006GG	PP21046006GG	PP21046006GG	10
8	Capot de la volute	PP23023BS0102G	PP23023BS0102G	PP23023BS0102G	PP23023BS0102G	1
9	Joint d'étanchéité	PP26183BS0103G	PP26183BS0103G	PP26183BS0103G	PP26183BS0103G	1
10	Roue	PP24053BS0201G	PP24053BS0201G	PP24053BY0201G	PP24053BY0201G	1
11	Écrou borgne	PP2101U2002G	PP2101U2002G	PP2101U2002G	PP2101U2002G	1
12	Volute	PP23023BS0101G	PP23023BS0101G	PP23023BY0101G	PP23023BY0101G	1
13	Boulon de sortilège	PP2102U2503G	PP2102U2503G	PP2102U2503G	PP2102U2503G	7

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- Numéro de série (s'il y en a un)
- Description et numéro de pièce comme indiqué sur la liste des pièces

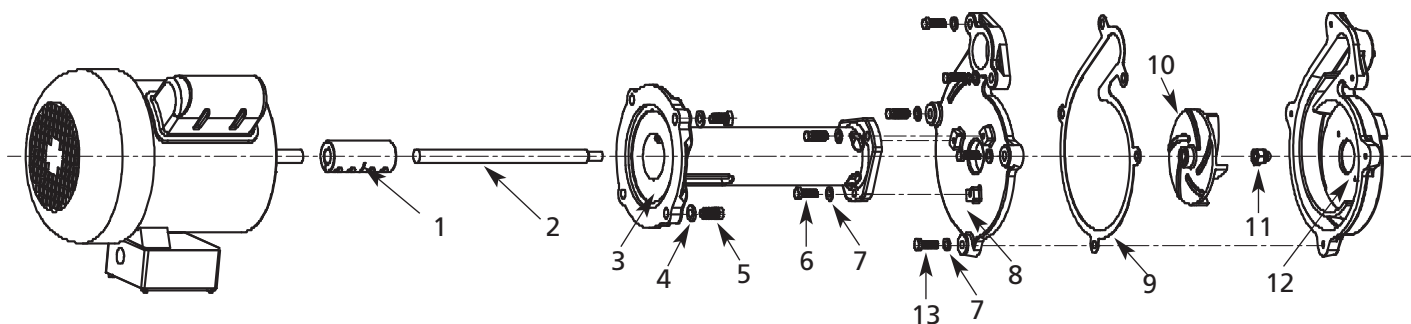


Figure 7b – Illustration des pièces détachées pour Pompes de recirculation / de refroidissement (suite)

Liste des pièces détachées pour Pompes de recirculation / de refroidissement (suite)

N° de réf.	Description	Numéro de pièce pour modèles :				Qté
		4JPG6A	4JPG7	4JPG8A	4JPG9	
1	Coupleur avec vis de calage	PP24093BQ0902G	PP24093BQ0902G	PP24093BQ0902G	PP24093BQ0902G	1
2	Arbre	PP24053BN0903G	PP24053BN0903G	PP24053BQ0903G	PP24053BQ0903G	1
3	Colonne	PP23023BN0904G	PP23023BN0904G	PP23023BQ0904G	PP23023BQ0904G	1
4	Rondelle de blocage fendue	PP210410006G	PP210410006G	PP210410006G	PP210410006G	4
5	Vis d'assemblage	PP2102U2806G	PP2102U2806G	PP2102U2806G	PP2102U2806G	4
6	Vis d'assemblage	PP2102U2506G	PP2102U2506G	PP2102U2506G	PP2102U2506G	3
7	Rondelle de blocage fendue	PP21046006G	PP21046006G	PP21046006G	PP21046006G	8
8	Capot de la volute	PP23023BQ0102G	PP23023BQ0102G	PP23023BQ0102G	PP23023BQ0102G	1
9	Joint d'étanchéité	PP26183BQ0103G	PP26183BQ0103G	PP26183BQ0103G	PP26183BQ0103G	1
10	Roue	PP24053BN0201G	PP24053BN0201G	PP24053BQ0201G	PP24053BQ0201G	1
11	Écrou borgne	PP2101U2002G	PP2101U2002G	PP2101U2002G	PP2101U2002G	1
12	Volute	PP23023BQ0101G	PP23023BQ0101G	PP23023BQ0101G	PP23023BQ0101G	1
13	Boulon de sortilège	PP2102U2503G	PP2102U2503G	PP2102U2503G	PP2102U2503G	5

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