Series 4300
Vertical in-line

Equal suction & discharge 'M' designation

Parts list

TC motors only, groups 5 to 20
1¼" impeller bore
1⅜" mechanical seal

File No: 6043.134
Date: NOVEMBER 20, 2015
Supersedes: 6043.134
Date: OCTOBER 7, 2015
### 4300 POWER FRAMES: ALL SPEEDS

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### CROSS SECTION VIEW

Groups 5, 6, 7, 8, 9 & 10

![Cross Section View](image-url)
MECHANICAL SEAL
Exploded view
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### ITEM 100 CASING** (continued)

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** Casing part numbers are for casing only, casing wear ring is sold separately. If new casing is required, it must be ordered c/w wear ring.

† For 6×6×13 units pre-June 2011, casing & impeller must be replaced together. Contact Armstrong for details.

*** For 8×8×13 pumps, there was a revision to the the casing and impeller done in August 2015. These two parts are not interchangeable between the old and new pumps. Please consult your Armstrong representative if you need extra assistance.
### Item 80 Impeller** 1¼" Bore

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**Part Number is for information only and may not be used for ordering.**
ITEM 80 IMPELLER** 1¼" BORE (continued)

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NOTES:
** Impeller part numbers are for full or maximum diameter impellers. Always specify pump serial number and where possible, measure and advise the diameter of the Impeller being replaced on these Pumps.
† For 6×6×13 units pre-June 2011, casing & impeller must be replaced together. Contact Armstrong for details.
*** For 8×8×13 pumps, there was a revision to the the casing and impeller done in August 2015. These two parts are not interchangeable between the old and new pumps. Please consult your Armstrong representative if you need extra assistance.

ITEM 90 CASE WEAR RING

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### Item 90 Case Wear Ring (continued)

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ITEM 50 PUMPS STUFFING BOX
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13” Bronze fitted and All iron construction

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13" Bronze fitted and All iron construction

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ITEM 150
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ITEM 44 MOTOR CAPSCREW & ITEM 43 LOCKWASHER

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**PARTS LIST**

Series 4300 Equal suction & discharge 'M' designation
1¼" Impeller bore - 1¾" Mechanical seal
ITEM 147 MOTOR COUPLER COLLAR

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ITEM 146 MOTOR COUPLER COLLAR SET SCREW

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## ITEM 140 COUPLER

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## PARTS LIST

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### COMMON PARTS
All constructions

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<tr>
<td>21</td>
<td>1¼&quot; pump shaft</td>
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<td>36</td>
<td>Impeller key</td>
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<td>51</td>
<td>Seal chamber bushing</td>
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<td>83</td>
<td>Impeller washer</td>
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<td>86</td>
<td>Impeller capscrew</td>
<td>911900-119</td>
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<tr>
<td>102</td>
<td>Gauge plug (4 required)</td>
<td>937105-201</td>
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<td>144</td>
<td>Coupler capscrew (6 required)</td>
<td>911821-116</td>
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<td>145</td>
<td>Lockwasher (for item 144)</td>
<td>927211-100</td>
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<td>148</td>
<td>Shaft coupler collar</td>
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<td>149</td>
<td>Cplr. Key (pump shaft)</td>
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<td>Capscrew lockwasher</td>
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<td>156</td>
<td>Coupler collar capscrew</td>
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### PARTS FOR 1½" OUTSIDE SEAL

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<td>Armstrong seal</td>
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<td>Durametallc t.c.</td>
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<td>John crane std.</td>
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<td>John crane t.c.</td>
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<td>½&quot;-13NCX1¾&quot; s/s</td>
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<td>163</td>
<td>Washer - 4 required</td>
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<td>½&quot; FLAT S/S</td>
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<td>54</td>
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## Parts for 1 5/8" Inside Mechanical Seal Arrangement

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<tr>
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<tr>
<td>52</td>
<td>Capscrew - 4 required 0.5&quot;-13NCx1 3/4&quot; S/S</td>
<td>All</td>
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<td>163</td>
<td>Washer - 4 required 0.5&quot; Flat S/S</td>
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<td>427118-100</td>
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<td>54</td>
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<td>All</td>
<td>426465-011</td>
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<td>Gasket</td>
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<td>160</td>
<td>Retaining ring</td>
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## Standard Mechanical Seal Flush Line Parts

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<tr>
<td>58</td>
<td>Male Straight Connection ¾&quot; Tube x ¼&quot; NPT</td>
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<td>Tubing 20&quot; Required ¾&quot; OD x .035 Wall</td>
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For other flush line options, see flush line options parts list