

HYVA COMMERCIAL BULLETIN

MEA CB15-01

SUBJECT: MEA CB15-01 New, slim design bent-axis fixed displacement piston pump range
Date: 05-05-2015

Dear Customer,

Hyva has always continuously looked at improving and innovating its products to maintain our competitive advantage. From Q2 2015 Hyva will introduce the new, slim design fixed displacement piston pump range which will replace the previous range bent-axis fixed displacement pump range.

Benefits:

- Slim design optimized for small installation space and to fit with bigger propeller shafts;
- Designed for maximum continuous working pressures of 350 bar, suitable for cranes, skip- and hook loaders and heavy duty tipping;
 - Optimized 80L version specific designed for tipper applications continuous 250 bar;
- Resistant to higher starting torque due to hardened spline output shaft;
- Optimized quantity pistons for a more constant and fluent delivery;
- Reduced noise level thanks to improved suction port;
- Improved suction port to achieve lower noise level;
- Twin flow versions available for crane and hook loader combinations (or other specials);
- By-pass valve option, mainly used for applications with permanently driven operations;



NEW slim design Bent-axis piston pump range



Previous design Bent-axis piston pumps

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Cross reference:

Below you can find our cross reference list with the new pump replacements for the old items. It will be immediately available after the current stock has been sold.



Bent-axis piston pumps 4H - 025L/080L



Bent-axis piston pumps 4H - 084L/108L

Bent-axis piston pumps 4H for cranes, skip- and hook loaders and heavy duty tipping:

OLD ITEM	NEW ITEM	DESCRIPTION	PRESS.	OPTIONAL BYPASS
-	14569010*	PISTON PUMP 025L-RH-4H-BA-3/4-1 1/4	350 BAR	02412005/1470055
-	14569015*	PISTON PUMP 025L-LH-4H-BA-3/4-1 1/4	350 BAR	02412005/1470055
14564600	14569016	PISTON PUMP 040L-RH-4H-BA-3/4-1	350 BAR	14740070
14564605	14569017	PISTON PUMP 040L-LH-4H-BA-3/4-1	350 BAR	14740070
14564610	14569000	PISTON PUMP 047L-RH-4H-BA-3/4-1 1/4	350 BAR	14740070
14564615	14569001	PISTON PUMP 047L-LH-4H-BA-3/4-1 1/4	350 BAR	14740070
14564620	14569004	PISTON PUMP 064L-RH-4H-BA-3/4-1 1/4	350 BAR	14740070
14564625	14569005	PISTON PUMP 064L-LH-4H-BA-3/4-1 1/4	350 BAR	14740070
14564640	14569300	PISTON PUMP 084L-RH-4H-BAHP-1-1 1/4	350 BAR	14740075
14564645	14569305	PISTON PUMP 084L-LH-4H-BAHP-1-1 1/4	350 BAR	14740075
14564700	14569320	PISTON PUMP 108L-RH-4H-BAHP-1-1 1/4	350 BAR	14740075
14564705	14569325	PISTON PUMP 108L-LH-4H-BAHP-1-1 1/4	350 BAR	14740075

Bent-axis piston pumps 4H for heavy duty tipping:

OLD ITEM	NEW ITEM	DESCRIPTION	PRESS.	OPTIONAL BYPASS
14564630	14569006	PISTON PUMP 080L-RH-4H-BA-3/4-1 1/4	250 BAR	14740070
14564635	14569007	PISTON PUMP 080L-LH-4H-BA-3/4-1 1/4	250 BAR	14740070

We have now also twin flow Bent-axis piston pumps 4H for special applications:

OLD ITEM	NEW ITEM	DESCRIPTION	PRESS.	OPTIONAL BYPASS
-	14569230*	PISTON PUMP 053L/053L-RH-4H-BH-3/4-1 1/4	350 BAR	14740076
-	14569235*	PISTON PUMP 053L/053L-LH-4H-BH-3/4-1 1/4	350 BAR	14740076
-	14569240*	PISTON PUMP 070L/035L-RH-4H-BH-3/4-1 1/4	350 BAR	14740076
-	14569245*	PISTON PUMP 070L/035L-LH-4H-BH-3/4-1 1/4	350 BAR	14740076
-	14569012*	PISTON PUMP 070L/070L-RH-4H-BH-3/4-1 1/2	300 BAR	14740080
-	14569013*	PISTON PUMP 070L/070L-LH-4H-BH-3/4-1 1/2	300 BAR	14740080

Below the by-pass valve we have for the Bent-axis piston pumps:

OLD ITEM	NEW ITEM	DESCRIPTION	BYPASS
NEW	14740055	VALVE BY-PASS 25 12V	
NEW	02412005	VALVE BY-PASS 25 24V	
NEW	14740070	VALVE BY-PASS 40-47-55-64-80BA 24V	
NEW	14740075	VALVE BY-PASS 84-108BAHP 24V	
NEW	14740076	VALVE BY-PASS 53/53 70/35 24V	
NEW	14740080	VALVE BY-PASS 70/70 24V	

* New added pump(s), no previous version.

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In this bulletin we want to remind you about our range of straight-axis Bi-directional piston pumps, mainly used for smaller required flow.

Straight-axis piston pumps 3H

OLD ITEM	NEW ITEM	DESCRIPTION	PRESS.
-	14569100	PISTON PUMP 021L-BI-3H-SA-1-1 1/4	350 BAR
-	14569145	PISTON PUMP 027L-BI-3H-SA-1-1 1/4	350 BAR
-	14569102	PISTON PUMP 035L-BI-3H-SA-1-1 1/4	350 BAR
-	14565535	PISTON PUMP 041L-BI-3H-SA-1-1 1/4	350 BAR
-	14565035	PISTON PUMP 052L-BI-3H-SA-1-1 1/4	350 BAR
-	14569107	PISTON PUMP 060L-BI-3H-SA-1-1 1/4	300 BAR



Straight-axis piston pump 3H – 021L/060L

Straight-axis piston pumps 4H

OLD ITEM	NEW ITEM	DESCRIPTION	PRESS.
-	14569140	PISTON PUMP 021L-BI-4H-SA-1-1 1/4	350 BAR
-	14569150	PISTON PUMP 027L-BI-4H-SA-1-1 1/4	350 BAR
-	14569104	PISTON PUMP 035L-BI-4H-SA-1-1 1/4	350 BAR
-	14569160	PISTON PUMP 042L-BI-4H-SA-1-1 1/4	350 BAR
-	14569170	PISTON PUMP 052L-BI-4H-SA-1-1 1/4	350 BAR
-	14569180	PISTON PUMP 060L-BI-4H-SA-1-1 1/4	300 BAR
-	14569185*	PISTON PUMP 082L-BI-4H-SA-1 1/4-1 1/2	300 BAR



Straight-axis piston pumps 4H – 021/060L



Straight-axis piston pumps 4H – 082L

* New added pump(s), no previous version.