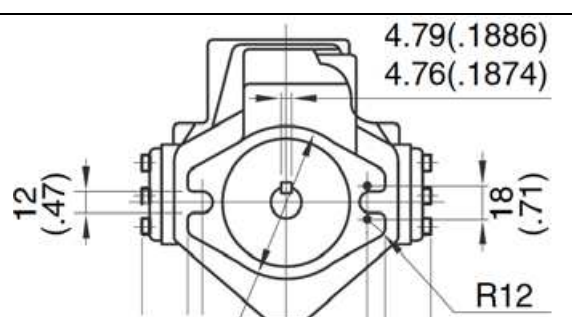





Corrections to Yuken Hydraulic Equipment Information Catalog, Pub. EC-10003-11

Pg	Correction	Catalog Location																						
28	A 37 fitting size should read "Inside Dia. 12 mm (.47 in.)"	<p>[Recommended Drain Piping Size]</p> <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <thead> <tr> <th rowspan="2" style="width: 15%;">Model</th> <th colspan="2" style="width: 60%;">Fitting Size</th> <th rowspan="2" style="width: 25%;">Inside Dia. of Pipe</th> </tr> <tr> <th style="width: 30%;">Japanese Std. "JIS" & European Design Std.</th> <th style="width: 30%;">N.American Design Std.</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">A10</td> <td style="text-align: center;">3/8 [Inside Dia. 8.5 mm (.33 in.) or more]</td> <td style="text-align: center;">SAE #6</td> <td style="text-align: center;">10 mm (.39 in.)</td> </tr> <tr> <td style="text-align: center;">A16, A22</td> <td style="text-align: center;">3/8 [Inside Dia. 8.5 mm (.33 in.) or more]</td> <td style="text-align: center;">SAE #8</td> <td style="text-align: center;">10 mm (.39 in.)</td> </tr> <tr> <td style="text-align: center;">A37</td> <td style="text-align: center;">1/2 [Inside Dia. 10 mm (.47 in.) or more]</td> <td style="text-align: center;">SAE #10</td> <td style="text-align: center;">12 mm (.47 in.)</td> </tr> <tr> <td style="text-align: center;">A56, A70 A90, A145</td> <td style="text-align: center;">3/4 [Inside Dia. 16 mm (.63 in.) or more]</td> <td style="text-align: center;">SAE #12</td> <td style="text-align: center;">19 mm (.75 in.)</td> </tr> </tbody> </table>	Model	Fitting Size		Inside Dia. of Pipe	Japanese Std. "JIS" & European Design Std.	N.American Design Std.	A10	3/8 [Inside Dia. 8.5 mm (.33 in.) or more]	SAE #6	10 mm (.39 in.)	A16, A22	3/8 [Inside Dia. 8.5 mm (.33 in.) or more]	SAE #8	10 mm (.39 in.)	A37	1/2 [Inside Dia. 10 mm (.47 in.) or more]	SAE #10	12 mm (.47 in.)	A56, A70 A90, A145	3/4 [Inside Dia. 16 mm (.63 in.) or more]	SAE #12	19 mm (.75 in.)
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44	"Drain" to "Drain" port for A10-FR01-C/H-12950	Center of page under dimensional information																						
45	3RD MODEL # IS A16/A22-F-R-01-* -32950 NOT 3290	Upper R. box under model numbers, 3rd row, 1st column																						
45 57 68 78 99 108	Dimension should read "11 (.43)"																							
51	KS-A10-01-12 NO B	Lower L box, under seal kit numbers, 1st row 2nd column																						
51	KS-A10-01-12 NO H	Lower L box, under seal kit number, 1st row, 2nd column																						
91	FLANGE MTG.: A56-FR04EH*-* -42/42950 NOT 4290	<table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <thead> <tr> <th style="width: 40%;">Model Numbers</th> <th style="width: 15%;">"C" Thd.</th> <th style="width: 15%;">"D" Thd.</th> <th style="width: 30%;">"E" mm (IN.)</th> </tr> </thead> <tbody> <tr> <td>A56-FR04EH*-* -42</td> <td style="text-align: center;">Rc 3/4</td> <td style="text-align: center;">M10</td> <td style="text-align: center;">19 (.75)</td> </tr> <tr> <td>A56-FR04EH*-* -4290</td> <td style="text-align: center;">SAE #12</td> <td style="text-align: center;">7/16-14 UNC</td> <td style="text-align: center;">20 (.79)</td> </tr> </tbody> </table> <p style="text-align: center; margin-top: 10px;">(RIGHT) 42950</p>	Model Numbers	"C" Thd.	"D" Thd.	"E" mm (IN.)	A56-FR04EH*-* -42	Rc 3/4	M10	19 (.75)	A56-FR04EH*-* -4290	SAE #12	7/16-14 UNC	20 (.79)										
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98	Model numbers should reflect "A10", not "A70"	<table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <thead> <tr> <th rowspan="2" style="width: 30%;">Model Numbers</th> <th colspan="2" style="width: 70%;">Tightening Torque Nm (IN. lbs.)</th> </tr> <tr> <th style="width: 35%;">Suction Port & Discharge Port</th> <th style="width: 35%;">Drain Port</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">A70-FR07-12</td> <td style="text-align: center;">65-75 (575-664)</td> <td style="text-align: center;">40-50 (354-443)</td> </tr> <tr> <td style="text-align: center;">A70-FR07-1280</td> <td style="text-align: center;">56-62 (496-549)</td> <td style="text-align: center;">33-36 (292-319)</td> </tr> <tr> <td style="text-align: center;">A70-FR07-12950</td> <td style="text-align: center;">47-51 (416-451)</td> <td style="text-align: center;">40-50 (354-443)</td> </tr> </tbody> </table>	Model Numbers	Tightening Torque Nm (IN. lbs.)		Suction Port & Discharge Port	Drain Port	A70-FR07-12	65-75 (575-664)	40-50 (354-443)	A70-FR07-1280	56-62 (496-549)	33-36 (292-319)	A70-FR07-12950	47-51 (416-451)	40-50 (354-443)								
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Corrections to Yuken Hydraulic Equipment Information Catalog, Pub. EC-10003-11

99	<p>Safety Valve Pressure Adj. Screw is "17 (.67) Hex." Omit "Soc."</p>																
99	SAE-#4 should be SAE-#5	Lower bottom middle of page, under "F" thd... third row, third column															
102	SAE-#4 should be SAE-#5	Lower bottom middle of page, under "F" thd...third row, third column															
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106	<p>Input Power Setting options for A70 should be: C: 22 kW (30 HP) D: 30 kW (40 HP)</p>	<p>● A70/A145</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr style="background-color: #e0f0ff;"> <th>A70</th> <th>-F</th> <th>R</th> <th>09</th> <th>A</th> </tr> </thead> <tbody> <tr style="font-size: small;"> <td>Series Number</td> <td>Mounting</td> <td>Direction of Rotation</td> <td>Control Type</td> <td>Input Power Setting</td> </tr> <tr> <td style="font-size: x-small;">A70 (70 cm³/rev)</td> <td style="font-size: x-small;">F: Flange</td> <td style="font-size: x-small;">(Variable)</td> <td></td> <td style="font-size: x-small;"> A: 15 kW (20 HP) E: 22 kW (30 HP) B: 18.5 kW (25 HP) F: 30 kW (40 HP) </td> </tr> </tbody> </table>	A70	-F	R	09	A	Series Number	Mounting	Direction of Rotation	Control Type	Input Power Setting	A70 (70 cm ³ /rev)	F: Flange	(Variable)		A: 15 kW (20 HP) E: 22 kW (30 HP) B: 18.5 kW (25 HP) F: 30 kW (40 HP)
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109	<p>Size of Pilot Port is not described. Should be "Rc 1/4 Thd"</p>																
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Corrections to Yuken Hydraulic Equipment Information Catalog, Pub. EC-10003-11

134	A3H56-FR01KK-10950 "D" Thd = 7/16-14 UNC, "E" Thd = 1/2-13 UNC, "F" Thd = 20 (.79) "H" Thd = 21 (.83)	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="background-color: #e1f5fe;">Model Numbers</th> <th style="background-color: #e1f5fe;">"C" Thd.</th> <th style="background-color: #e1f5fe;">"D" Thd.</th> <th style="background-color: #e1f5fe;">"E" Thd.</th> <th style="background-color: #e1f5fe;">F mm(IN.)</th> <th style="background-color: #e1f5fe;">H mm(IN.)</th> </tr> </thead> <tbody> <tr> <td>A3H56-FR01KK-10</td> <td>Re 3/4</td> <td rowspan="2" style="text-align: center;">M12 ↓</td> <td rowspan="2" style="text-align: center;">M12 ↓</td> <td rowspan="2" style="text-align: center;">22 (.87) ↓</td> <td rowspan="2" style="text-align: center;">22 (.87) ↓</td> </tr> <tr> <td>A3H56-FR01KK-1080</td> <td>3/4 BSP.F</td> </tr> <tr> <td>A3H56-FR01KK-10950</td> <td>SAE #12</td> <td>1/2-13 UNC</td> <td>7/16-14 UNC</td> <td>21 (.83)</td> <td>20 (.79)</td> </tr> </tbody> </table>	Model Numbers	"C" Thd.	"D" Thd.	"E" Thd.	F mm(IN.)	H mm(IN.)	A3H56-FR01KK-10	Re 3/4	M12 ↓	M12 ↓	22 (.87) ↓	22 (.87) ↓	A3H56-FR01KK-1080	3/4 BSP.F	A3H56-FR01KK-10950	SAE #12	1/2-13 UNC	7/16-14 UNC	21 (.83)	20 (.79)																
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137	P=50.80 mm	Lower middle of page, under P column...11th column, 1st row under mm																																				
138	A3H180-FR01KK*-10954 Dimensions H Dim = 99.8 (3.93) J Dim = 85.3 (3.36) K Dim = 70 (2.76)	Dimensional table in middle of page for 10954 design.																																				
138 158	A3H180-FR01KK-10 & 10954 "D" Thd = "M16"	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2" style="background-color: #e1f5fe;">Model Numbers</th> <th colspan="3" style="background-color: #e1f5fe;">Thread Size</th> <th colspan="3" style="background-color: #e1f5fe;">Dimens</th> </tr> <tr> <th style="background-color: #e1f5fe;">C</th> <th style="background-color: #e1f5fe;">D</th> <th style="background-color: #e1f5fe;">E</th> <th style="background-color: #e1f5fe;">F</th> <th style="background-color: #e1f5fe;">H</th> <th style="background-color: #e1f5fe;"></th> </tr> </thead> <tbody> <tr> <td>A3H180-FR01KK-10</td> <td>Re 3/4</td> <td rowspan="2" style="text-align: center;">M12 ↑</td> <td style="text-align: center;">—</td> <td style="text-align: center;">—</td> <td style="text-align: center;">112 (4.41)</td> <td style="text-align: center;">97.5</td> </tr> <tr> <td>A3H180-FR01KK-1080</td> <td>3/4 BSP.F</td> <td style="text-align: center;">—</td> <td style="text-align: center;">—</td> <td style="text-align: center;">—</td> <td style="text-align: center;">—</td> </tr> <tr> <td>A3H180-FR01KK-10954</td> <td rowspan="2" style="text-align: center;">SAE #12</td> <td rowspan="2" style="text-align: center;">5/8-11 UNC</td> <td style="text-align: center;">1/2-13 UNC</td> <td style="text-align: center;">32 (1.26)</td> <td rowspan="2" style="text-align: center;">74.6 (2.94)</td> <td rowspan="2" style="text-align: center;">60.0</td> </tr> <tr> <td>A3H180-FR01KK1-10954</td> <td style="text-align: center;">5/8-11 UNC</td> <td style="text-align: center;">36 (1.42)</td> </tr> </tbody> </table>	Model Numbers	Thread Size			Dimens			C	D	E	F	H		A3H180-FR01KK-10	Re 3/4	M12 ↑	—	—	112 (4.41)	97.5	A3H180-FR01KK-1080	3/4 BSP.F	—	—	—	—	A3H180-FR01KK-10954	SAE #12	5/8-11 UNC	1/2-13 UNC	32 (1.26)	74.6 (2.94)	60.0	A3H180-FR01KK1-10954	5/8-11 UNC	36 (1.42)
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163	43 IS UPDATED DESIGN CODE FROM 42	Upper middle of page, under design number...8th column, 1st row																																				
166	"D" Thread should be 3/8- 16 UNC for North American Standard design.	Dimensional table in the middle of the page																																				
176	42* IS SUPPOSED TO BE 41*	Middle of page, under cartridge kits...1st and 2nd column under model # and cartridge kit #																																				
181	42* SUPPOSED TO BE 41*, IF AVAILABLE 43*	Middle of page, under design number ...10th column, rows 1 & 2																																				
181	32* IS SUPPOSED TO BE 33*	Middle of page, under design number...10th column, row 5																																				
195	LARGE VOLUME PUMP UNDER CARTRIDGE KIT # IS CPV2R4*-41 NOT CPV2R2	Middle of page, under cartridge Kit #...3rd column																																				
265	Ext drain Japanese std. BUCG-10-*-2502 not BUCG-06-*-2502	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">Int. Pilot- Ext. Drain</td> <td style="text-align: center;"></td> <td style="text-align: center;">BUCG-06-*-30802</td> <td style="text-align: center;">BUCG-06-*-30902</td> <td style="text-align: right;">(RIGHT) BUCG-10-*-2502</td> </tr> <tr> <td colspan="4"></td> <td style="text-align: center;">BUCG-06-*-2502</td> </tr> </table>	Int. Pilot- Ext. Drain		BUCG-06-*-30802	BUCG-06-*-30902	(RIGHT) BUCG-10-*-2502					BUCG-06-*-2502																										
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351	Two Position S-DSG-01- 3D2 should be 2B2 (UNDER MODEL #)	Middle of page, under model numbers... 3rd row, 3rd column																																				

Corrections to Yuken Hydraulic Equipment Information Catalog, Pub. EC-10003-11

378	E-DSG-01-2D2-D*-50 SHOULD BE E-DSG-03-2D2-D*-50	Middle of page, under specifications, 2nd row, 1st column
378	E-DSG-01-2B2-D*-50 SHOULD BE E-DSG-03-2B2-D*-50	Middle of page, under specifications, 6th and 7th row, 1st column
382	Drain Connection should be "T" NOT "E" for internal drain.	Middle of page, under T drain connection, 11th column
383	*1. "SHOCKLESS" TYPE not Shekless	Bottom left of page
383	"-" built in orifice for pilot line for "C"	Middle of page, under H built-in orifice for pilot line, 4th column, row 4
383	"H" built in orifice for pilot Line for "H"	Middle of page, under H built-in orifice for pilot line, 4th column, row 5
403	UPDATED DESIGN CODE 5090 FROM 4090	Middle of page, under sub-plate model numbers, 1st column, row 1 & 2
415	Shifting Characteristics and Low Speed Operating Flow Characteristic tables indicate mis-prints. See corrections at right.	<p>■ Shifting Characteristics Supply Pressure : 16 MPa (2320 PSI) Flow Rate : 60 L/min (15.9 U.S.GPM)</p> <p>■ Low Speed Operating Flow Characteristics Supply Pressure : 16 MPa (2320 PSI) Flow Rate : 60 L/min (15.9 U.S.GPM)</p> <p>● 3C2, 3C40</p> <p>● 2B7</p> <p>Misprint</p> <p>Misprint</p> <p>Right</p> <p>Right</p>
425	N. American Design Standard mounting bolts for DHG-10 should be 3/4-10 UNC x 3 lg, not 3/8-16 UNC x 2 lg	Center "Mounting Bolts table, second column, third row.
504	Internal and External drain designations are reversed.	<p style="text-align: center;">Graphic Symbols</p> <p>(Right) External Drain Type</p> <p>(Right) Internal Drain Type</p> <p>(Misprint) External Drain Type</p>
544	"MHB" IS REALLY MHA FOR SERIES NUMBER	Middle of page, under MHB: counterbalance valve for A-line
590	Model number should read "MHB-03-*-30," not "MHA-03-*-20	Right hand dimensional information near middle of page.

Corrections to Yuken Hydraulic Equipment Information Catalog, Pub. EC-10003-11

614	"A" Line Pressure should read "P-Line Pressure."	<p style="text-align: right;">A-Line Pressure Gauge Connection "C" Thd. B-Line Pressure Gauge Connection "C" Thd.</p>																																														
664	Max Metered flow is 125 NOT 250	Bottom of page, under max metred flow, 5th column, 1st row																																														
665	Direction of Flow should not be "E", rather it should be "X"	Bottom of page, under direction of flow, 7th column, 1st row																																														
665	"Y" is "meter in"	Bottom of page, under direction of flow, 7th column, 2nd row																																														
665	"X" is "meter out"	Bottom of page, under model number designation, 7th row 2nd column																																														
669	Page Title is omitted. Should read "Instructions"	<p style="text-align: center;">Instructions</p> <p>■ Mounting Be sure that the air vent faces up. In addition, if the valve is mounted vertically, the minimum adjustment pressure is 0.2 MPa (29 PSI) or higher.</p> <p>[Good example] [Bad example]</p> <p style="text-align: right;">This title is omitted</p>																																														
676	Footnote #1 page reference is incorrect. Should refer to page 680.	<p>■ Model Number Designation</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr style="background-color: #e1f5fe;"> <th style="width: 15%;">F-</th> <th style="width: 25%;">EB</th> <th style="width: 15%;">G</th> <th style="width: 15%;">-03</th> <th style="width: 30%;">-C</th> </tr> <tr style="background-color: #e1f5fe;"> <th>Special Seals</th> <th>Series Number</th> <th>Type of Mounting</th> <th>Valve Size</th> <th>Pres. Adj. Range MPa (PSI)</th> </tr> </thead> <tbody> <tr> <td rowspan="3" style="text-align: left; vertical-align: top;"> F: Special Seals for Phosphate Ester Type Fluid (Omit if not required) </td> <td rowspan="3" style="text-align: left; vertical-align: top;"> EB: Proportional Electro-Hydraulic Relief Valve </td> <td rowspan="3" style="text-align: left; vertical-align: top;"> G: Sub-plate Mounting </td> <td>03</td> <td rowspan="3" style="text-align: left; vertical-align: top;"> C: * - 15.7 (* - 2275) H: * - 24.5 (* - 3550) </td> </tr> <tr> <td>06</td> </tr> <tr> <td>10</td> </tr> </tbody> </table> <p>★ 1. Min. adjustment pressure shall be referred to the curves on page XXX → 680</p>	F-	EB	G	-03	-C	Special Seals	Series Number	Type of Mounting	Valve Size	Pres. Adj. Range MPa (PSI)	F: Special Seals for Phosphate Ester Type Fluid (Omit if not required)	EB: Proportional Electro-Hydraulic Relief Valve	G: Sub-plate Mounting	03	C: * - 15.7 (* - 2275) H: * - 24.5 (* - 3550)	06	10																													
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