



Flange Mtg. Four Bolts: A3HG37-FR07K-E1D/E2D/U1D/U2D/J1D Surface of Surface of Filling Port *2 Suction Port Discharge Port 22 Hex. Head Plug Furnished 258.5 Flow Adj. Screw 17 Hex. 233 Drain Port Pilot Port DEC. Fully Extended 'C" Thd. Safety Valve Pressure Adj. Screw D 147.5 M14×1.5 Thd Pilot Port 57 End Cover 14 Hex. (With a plug) Ε Seal Cover 16.5 (inc. 40 働 133.5 129 F Dia 93.5 I Φ Ф 46 Ø 453 27 Φ (Φ Φ ď 9 Κ "L" Thd 58.7 Hex. Hd. Screw 13.5 28 "N" Deep 27.8 13 Plain Washer Q

4 Places ★1. Remove the plug (6 Hex. Soc.), install piping with referring to the instructions "Pilot Piping" on page 154. Install the pump so that the "Filling Port" is at the top

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	X2:																	
Model Numbers	A1	A2	В1	В2	С	D	Е	F	Н	J	K	L	N	P	Q	Mounting Flange	Connecting Port	Pipe Flange Threads
A3HG37-FR07K-E1D/E2D	M12	M10	22	18	M22×1.5	60	9	32 +0.018 +0.002	35 +0.018	125 0 -0.063	50	M10	22	10 -0.036	113.2	Conforms to ISO 3019-2	Metric	Metric
A3HG37-FR07K-U1D	7/16-1	4 UNC	2	0	G 1/2	56	12.7	31.75 0 -0.05	35.32 0 -0.18	127 _0.05	48		19	7.94 +0.03	114.5	Conforms to ISO 3019-1	Unified	Unified
A3HG37-FR07K-U2D	M12	M10	22	18	G 1/2	56	12.7	31.75 0 -0.05	35.32 0 -0.18	127 _0.05	48	5/16-18 UNC	19	7.94 +0.03	114.5	Conforms to ISO 3019-1	BSPP	Metric
A3HG37-FR07K-J1D	M12	M10	22	18	G 1/2	56	12.7	31.75 0	35.32 0 .0.18	127 -0.05	48		19	7.94 +0.03	114.5	Conforms to ISO 3019-1	Rc	Metric

183.5

236.5

Attachment Side

Pilot Port

"A2" Thd. "B2" Deep

183.5_

View Arrow X

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Suction Port

30.2 32 Dia.

Pilot Port is common to that of "A3HG16-FR07K-E1C/U1C/U2C/J1C" (except the height dimension from the center of the pump). Refer to page 179 for the dimensions of Pilot Port.

Drain Port is common to that of pressure compensator model.Refer to page 168 or 169 for the dimensions of Drain Port.

Discharge Port

"A1" Thd. "B1" Deep

24 Dia.

Foot Mtg.:A3HG37-LR07K-E1C/E2C/U1C/U2C/J1C, A3HG37-LR07K-E1D/E2D/U1D/U2D/J1D Mounting bracket is common to that of pressure compensator model (except max height dimension). Refer to page 168 and 169 for the dimensions of mounting bracket.