



Through Drive Kit for A3HG Series Piston Pumps

Notice of Model Change

The neck title through-drive kit will be remodeled into a new 20-design for the following reasons.

■ Details and Reason for Change

- (1) Discontinuation of Key Type
Due to improved availability and reliability
- (2) Model Addition
Compatible with pumps and other equipment other than A3HG

■ Model Number Designation

- (1) The shaded areas in the table below are newly added.
- (2) Design number will be updated to 20.
- (3) Key type (TG1-*-* *- * K) will be discontinued.

TG1	- A	- A	2	- AB	SP	- 20
Series Number	Main Pump	Second Pump Mtg. Flange ISO Code (ISO3019-1)	Second Pump Number of Mtg. Bolts	Second Pump Shaft End ISO Code (ISO3019-1)	Second Pump Shaft Extension	Design Number
TG1	A: A3HG16	A: 82	2	A: 16	SP: Splined Shaft	20
				AB: 19		
	B: A3HG37 A3HG56 A3HG71	A: 82	2	A: 16		
				AB: 19		
				B: 22		
	C: A3HG100 A3HG145 A3HG180	B: 101	2	BB: 25		
				C: 127		
		A: 82	2	A: 16		
				AB: 19		
		D: 152	4	B: 22		
				BB: 25		
				C: 32		
			4	CC: 38		
			4	D: 44		

■ Interchangeability

Interchangeable. In the spline type, there is no change in parts from the old design, and both the external shape and dimensions are identical.

■ Timing of Release

Immediate changeover. However, the discontinuation of the following models in key form will be after the end of stock.

TG1-B-A2-ABK-10
 TG1-B-B2-BBK-10
 TG1-C-A2-ABK-10
 TG1-C-D4-CCK-10

■ Pump Combination List

(1) New Additions

The following models will be newly added to accommodate linkage with other pumps, etc. other than A3HG.

Model Numbers	Main Pump ^{Note)}	Second Pump
TG1-A-A2-ASP-20	A3HG16- * * * * *-★C	Pumps corresponding to the following ISO mounting standards ISO3019-1 16-4(SAE-A)
TG1-B-A2-ASP-20	A3HG37- * * * * *-★C A3HG37- * * * * *-★D A3HG56- * * * * *-★C	Pumps corresponding to the following ISO mounting standards ISO3019-1 16-4(SAE-A)
TG1-B-B2-BSP-20	A3HG56- * * * * *-★D A3HG71- * * * * *-★D	Pumps corresponding to the following ISO mounting standards ISO3019-1 22-4(SAE-B)
TG1-C-A2-ASP-20	A3HG100- * * * * *-★D A3HG145- * * * * *-★D A3HG180- * * * * *-★D	Pumps corresponding to the following ISO mounting standards ISO3019-1 16-4(SAE-A)
TG1-C-B2-BSP-20		Pumps corresponding to the following ISO mounting standards ISO3019-1 22-4(SAE-B)
TG1-C-C4-CCSP-20	A3HG100- * * * * *-★D A3HG145- * * * * *-★D A3HG180- * * * * *-★D	Pumps corresponding to the following ISO mounting standards ISO3019-1 38-4(SAE-CC)

Note) The ★ in the pump model configuration indicates E2, U1, U2, J1. (For A3HG16 only, ★ indicates E1, U1, U2, J1)

■ Details

Please refer to the following URL for details (assembly instructions and external dimensions) of the newly added models and the new 20 designs.

https://www.yuken.co.jp/upload/tenant_1/TG1-%E2%80%BB-%E2%80%BB%E2%80%BB-%E2%80%BB%E2%80%BB%E2%80%BB-20.pdf