

**KAWASAKI DECK MACHINERY
SERVICE NEWS**ISSUED: JUNE, 1, 2026
DOC. NO. : NO-26-014**SUBJECT: COMPATIBILITY OF HYDRAULIC MOTOR HMC270 AND HMJC270 FOR SHIP SPARES**

Regarding the hydraulic motor assemblies for Kawasaki hydraulic deck machinery, we only stock the upward compatible model to optimize inventory and ensure prompt supply of spare parts.

Motor models HMC270 and HMJC270 have the following differences, and HMJC270 is the upward compatible model.

Table 1. Differences of model

Motor model	Internal parts (Valve casing sub., piston, etc.)
HMC270	Standard
HMJC270 (Upward compatible)	Improved

Table 2. Differences of model suffix

Motor model	Model suffix	Oil seal *1
HMC270	PL658, 659, 856, 857	Standard
HMC270	PL881, 882, 883, 884 (Old model)	Drainline-less
HMC270	PL1137, 1138	Drainline-less
HMJC270	PL979, 980 (Old model)	Drainline-less
HMJC270	PL1139, 1140 (Upward compatible)	Drainline-less

*1 Drainline-less oil seal has a higher design pressure compared to standard oil seal.
Outer dimensions are same for all models.

HMC270 and HMJC270 motors listed in Table 2 can be replaced with HMJC270*PL1139,1140. So, we stock the HMJC270*PL1139,1140 model as a standard spare part, and we modify the displacement volume and rotation direction to match the vessel's specifications before delivery.

Furthermore, even after replacing with an upward compatible motor, parts compatible with the old model (such as ship spare parts) can be used with the upward compatible motor.

**KAWASAKI HEAVY INDUSTRIES, LTD.
PRECISION MACHINERY BUSINESS DIVISION
CUSTOMER SERVICE DEPARTMENT**