

TECHNICAL DATA [FW6AX-EL]

id0550008006d6

Item		Specification	Comment
Gap between front planetary gear pinion washer and planetary carrier	Maximum:	0.879 mm {0.0346 in}	—
Gap between rear planetary gear pinion washer and planetary carrier	Maximum:	0.879 mm {0.0346 in}	—
Gap between reduction planetary gear pinion washer and planetary carrier	Maximum:	0.820 mm {0.0322 in}	—
Inner diameter of reduction planetary gear bush	Maximum:	35.095 mm {1.3816 in}	—
Inner diameter of differential journal	Maximum:	33.545 mm {1.3207 in}	—
Outer diameter of drive shaft (LH) journal	Minimum	33.459 mm {1.3173 in}	—
Outer diameter of drive shaft (RH) journal	Minimum	33.444 mm {1.3167 in}	—
Thickness of low clutch drive plate	Minimum	1.475 mm {0.05808 in}	Drive plate size: Outer diameter approx. 159.1 mm {6.264 in}
Thickness of high clutch drive plate	Minimum	1.375 mm {0.05414 in}	Drive plate size: Outer diameter approx. 116.8 mm {4.598 in}
Free length of high clutch springs and retainer component	Minimum	25.4 mm {1.01 in}	Springs and retainer component size: Outer diameter approx. 79.5 mm {3.13 in}
Thickness of low and reverse brake drive plate	Minimum	1.475 mm {0.05808 in}	Drive plate size: Outer diameter approx. 174.1 mm {6.854 in}
Thickness of 2-6 brake drive plate	Minimum	1.475 mm {0.05808 in}	Drive plate size: Outer diameter approx. 171.9 mm {6.768 in}
Thickness of R-3-5 brake drive plate	Minimum	1.635 mm {0.06438 in}	Drive plate size: Outer diameter approx. 169.4 mm {6.669 in}
Inner diameter of low clutch hub bush	Maximum:	31.270 mm {1.2311 in}	—
Inner diameter of high clutch hub bush	Maximum:	18.038 mm {0.71015 in}	—
Oil pump side clearance (inner rotor)	Maximum:	0.045 mm {0.0017 in}	—
Oil pump side clearance (outer rotor)	Maximum:	0.050 mm {0.0019 in}	—
Inner diameter of oil pump (oil pump cover) bush	Maximum:	44.006 mm {1.7325 in}	—
Low clutch clearance	Specification	1.400—1.600 mm {0.05512—0.06299 in}	—
High clutch clearance	Specification	1.300—1.500 mm {0.05119—0.05905 in}	—
Low and reverse brake clearance	Specification	1.650—1.850 mm {0.06497—0.07283 in}	—
2-6 brake clearance	Specification	1.000—1.200 mm {0.03938—0.04724 in}	—
R-3-5 brake clearance	Specification	1.000—1.200 mm {0.03938—0.04724 in}	—
Differential backlash	Specification	0.030—0.150 mm {0.0012—0.0059 in}	—
Secondary gear and output gear preload	Specification	1.6—3.4 N·m {17—34 kgf·cm, 15—30 in·lbf}	—
Ring gear and differential preload	Specification	3.0—4.3 N·m {31—43 kgf·cm, 27—38 in·lbf}	—
Total end play	Specification	0.520—0.670 mm {0.0205—0.0263 in}	—