

FAULT TYPE	FREQUENCY RATE HF * / LF **	ROTATIONAL SPEED OR SPEED RANGE *** INFORMATION IS NEEDED
Unbalance	✓ / ✓	Yes
Resonance	✓ / ✓	Yes
Misalignment	✓ / ✓	Yes
mechanical looseness	✓ / ✓	Yes
Ski-slope	✓ / ✓	No
Electrical fault	✓ / ✓	No
Turbulence	✓ / ✓	No
Cavitation	✓ / ✓	No
Other LF fault	✓ / ✓	No
Bearing fault, early stage	✓ / -	No
Bearing fault	✓ / (✓)	No
Inadequate lubrication	✓ / -	No
Impacting	✓ / -	No
Other HF fault	✓ / -	No

* HF – High Frequency, Sampling rate min. 12.80 kHz

** LF – Low Frequency, Sampling rate min. 2.56 kHz

*** Speed ranges: 500–1000 rpm, 1000–2000 rpm or 2000–4000 rpm