Table 1:
The rolling bearing dataset information.

Class label	Fault location	Fault diameter(mil)	Load(hp)
0	NC	0	0,1,2,3
1	IF	7	0,1,2,3
2	IF	7	0,1,2,3
3	IF	7	0,1,2,3
4	OF	14	0,1,2,3
5	OF	14	0,1,2,3
6	OF	14	0,1,2,3
7	RoF	21	0,1,2,3
8	RoF	21	0,1,2,3
9	RoF	21	0,1,2,3

Table 2:
The cases implemented on CW dataset in this paper.

Tasks	Load of Source domain(hp)	Load of Target domain(hp)	No. of classes in training	No. of in testing
$\mathbf{C_{01}}$	0	1	10	10
$\mathbf{C_{02}}$	0	2	10	10
$\mathbf{C_{03}}$	0	3	10	10
$\mathbf{C_{32}}$	3	2	10	10
$\mathbf{C_{31}}$	3	1	10	10
$\mathbf{C_{30}}$	3	0	10	10

Table 3:
The cases implemented on CW, SQ and SA dataset in this paper.

Tasks	Source domain		Target domain	
	Class	Rotating frequency (Hz)	Class	Rotating frequency (Hz)
$\mathbf{C_{sq}}$	NC, IF, OF	28.83	NC, IF, OF	29
$\mathbf{C_{sa}}$	NC, OF, RoF	28.83	NC, OF, RoF	25