CJBD

CJBD: Magnelis sheet steel ventilation units with maximum corrosion resistance according to ISO 12944
CJBD/INT: Ventilation units with built-in switch and Magnelis sheet steel with maximum corrosion resistance according to ISO 12944
CJBD/C: Ventilation units with circular inlet and outlet and Magnelis sheet steel with maximum corrosion resistance according to ISO 12944
CJBD/F: Ventilation units with built-in filter and Magnelis sheet steel with maximum corrosion resistance according to ISO 12944

Fan:
- CBD series double inlet fans.
- Category C5 anti-corrosive Magnelis sheet steel structure with thermal and acoustic insulation.
- Forward curved impeller in galvanised sheet steel.
- Glands for cable entry.

Motor:
- Enclosed motors with built-in thermal protector, class F, with ball bearings, IP54 protection.
- Single-phase 220-240 V 50 Hz and three-phase 220-240/380-415 V 50 Hz.
- Working temperature: -25 ºC +60 ºC.

Finish:
- Magnelis steel sheet.

On request:
- With circular outlet.

Order code

CJBD	–	2525	–	6M	–	1/3

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Impeller size mm

mm	inch
1919	7/7
2525	9/9
2828	10/10
3333	12/12
3939	15/15

Number of motor poles
4=1400 r/min 50 Hz
6=900 r/min 50 Hz

M = Single-phase
T = Three-phase

Motor power (HP)

Options

CJBD/INT

CJBD/C

CJBD/F

Erp. (Energy Related Products)

Information on Directive 2009/125/EC can be downloaded from the SODECA website or the QuickFan selector programme.

Acoustic characteristics

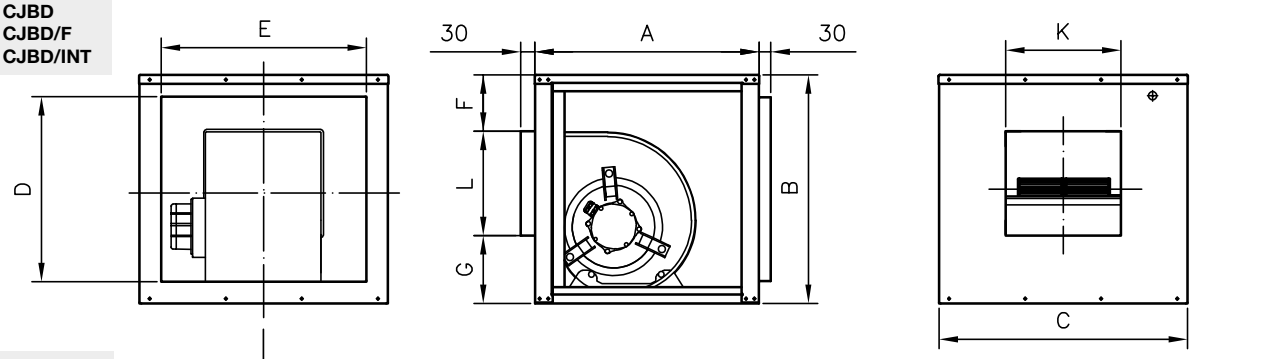
The values given are obtained under laboratory conditions according to ISO 3744.
Sound power spectrum Lw(A) in dB(A) per Hz frequency band
Values measured at inlet with maximum flow rate

	63	125	250	500	1000	2000	4000	8000
1919-4M 1/5	47	58	62	66	68	67	66	57
1919-6M 1/10	42	53	57	61	63	62	61	52
2525-4M 1/2	55	66	70	74	76	75	74	65
2525-4M 3/4	59	70	74	78	80	79	78	69
2525-6M 1/5	48	59	63	67	69	68	67	58
2525-6M 1/3	50	61	65	69	71	70	69	60
2828-4M 1/2	54	65	69	73	75	74	73	64

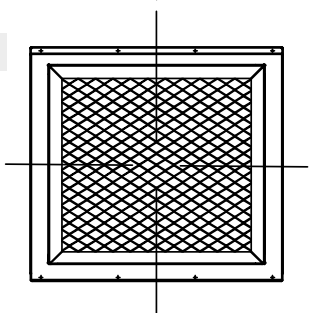
	63	125	250	500	1000	2000	4000	8000
2828-4M 3/4	59	70	74	78	80	79	78	69
2828-6M 1/3	50	61	65	69	71	70	69	60
3333-6T 1 1/2	63	74	78	82	84	83	82	73
3333-6M 3/4	52	63	67	71	73	72	71	62
3333-6M 1	59	70	74	78	80	79	78	69
3939-6T 3	66	77	81	85	87	86	85	76

Dimensions mm

CJBD
CJBD/F
CJBD/INT

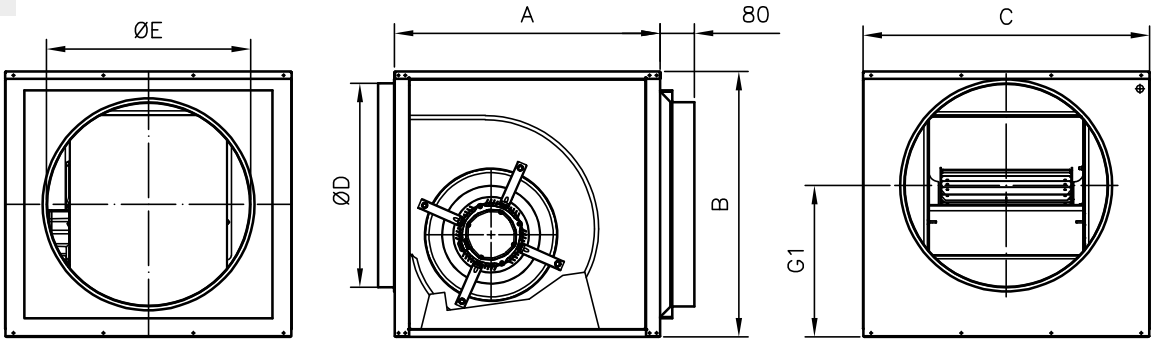


CJBD/F



	A	B	C	D	E	F	G	K	L
1919	450	460	500	370	410	115	135	232	210
2525	500	522	550	426	454	107	147	303	268
2828	550	575	600	479	504	104	177	330	294
3333	650	650	700	554	604	105	198	392	347
3939	800	755	800	659	704	105	240	476	410

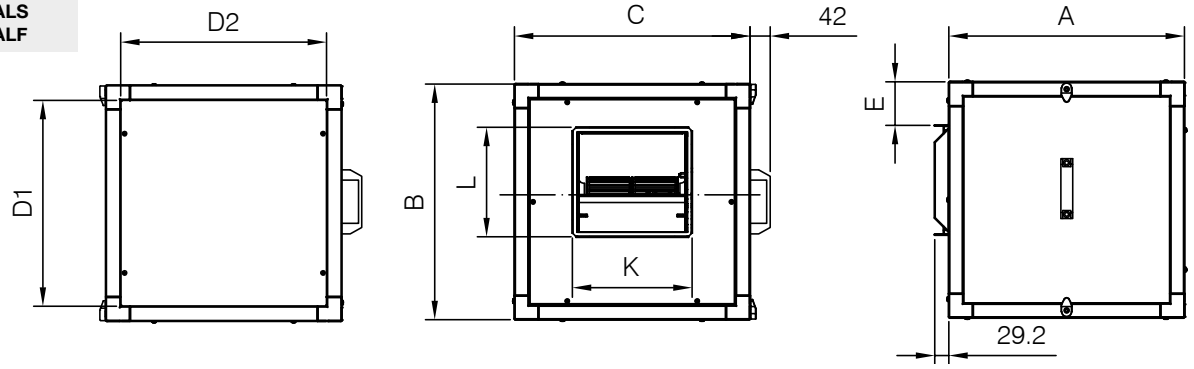
CJBD/C



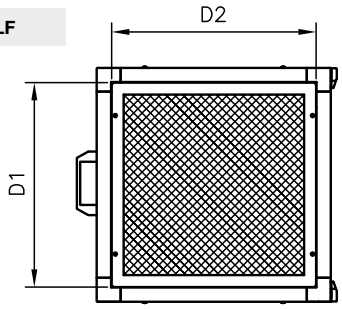
	A	B	C	øD	øE	G1
1919	450	460	500	250	250	245
2525	500	522	550	355	355	283.5
2828	550	575	600	400	400	324.5
3333	650	650	700	500	500	372.5
3939	800	755	800	560	560	443

Dimensions mm

CJBD/AL
CJBD/ALS
CJBD/ALF



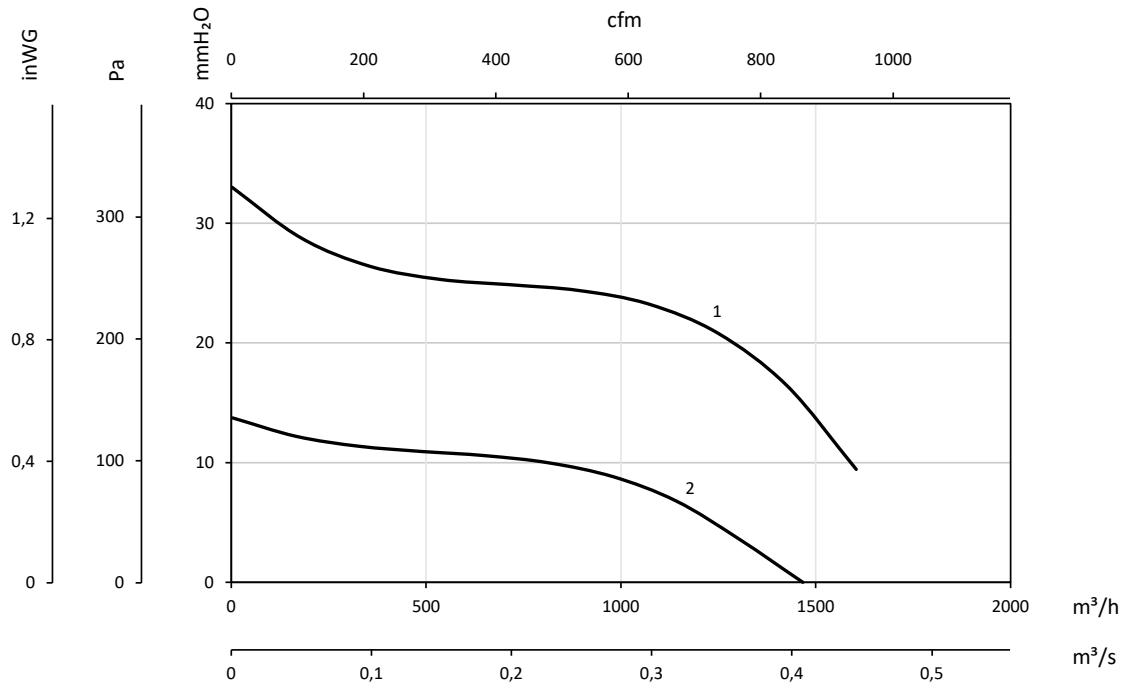
CJBD/ALF



	A	B	C	D1	D2	E	K	L
1919	490	490	490	428	428	91	247	226
2525	550	550	550	488	488	86	317	279
2828	605	605	605	543	543	88	343	306
3333	680	680	680	618	618	84	404	360
3939	855	855	855	793	793	145	486	419

Characteristic curves

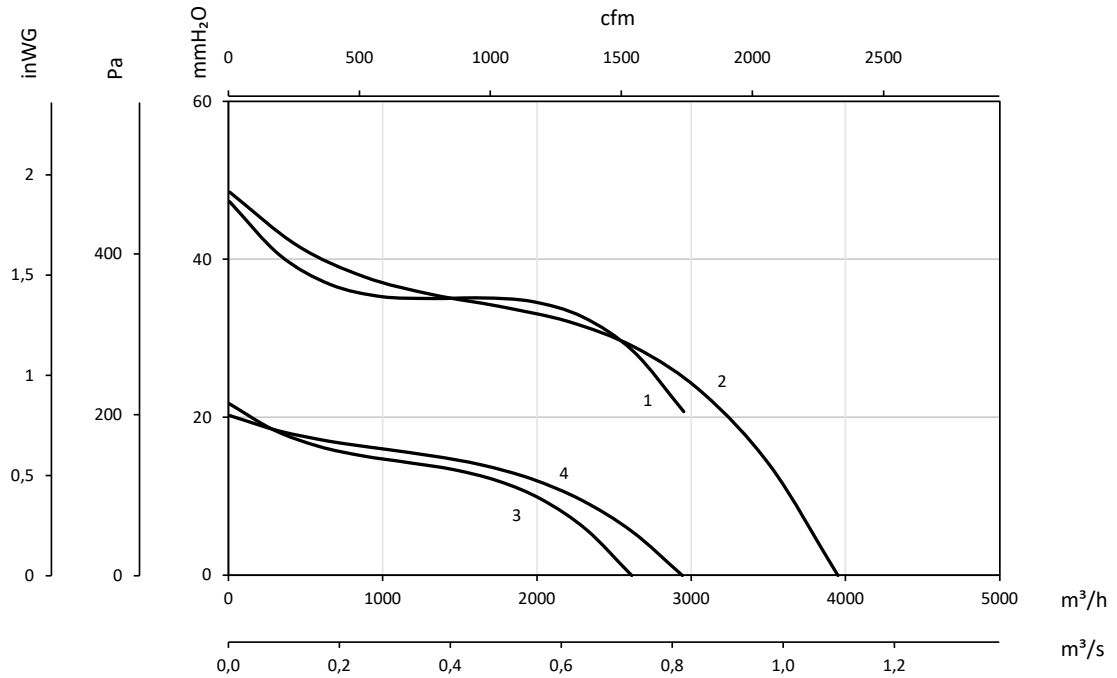
Q= Flow rate in m³/h, m³/s and cfm Pe= Static pressure in mm H_2O, Pa and inwg



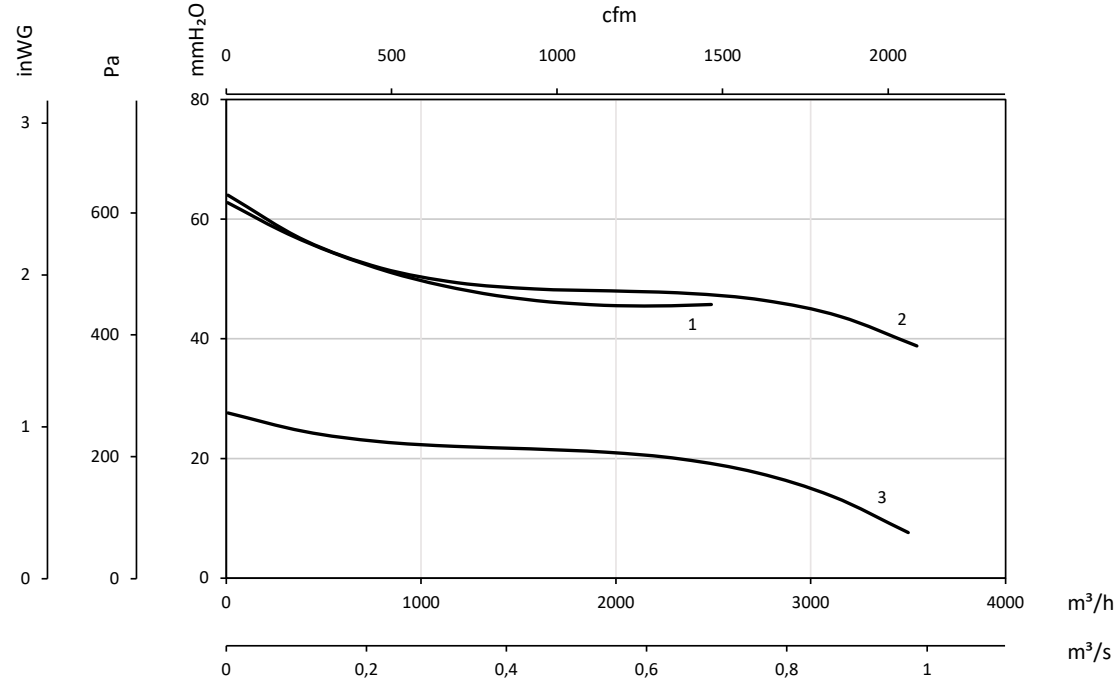
1 : 1919-4M 1/5
2 : 1919-6M 1/10

Characteristic curves

Q= Flow rate in m³/h, m³/s and cfm Pe= Static pressure in mm H_2O, Pa and inwg



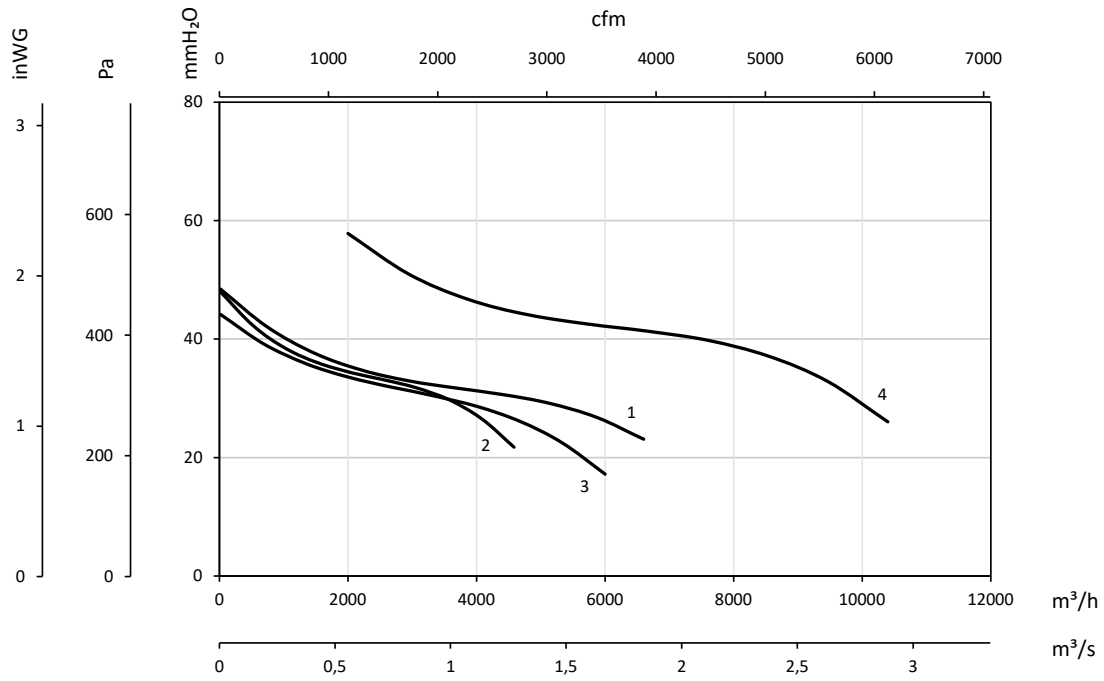
1 : 2525-4M 1/2
2 : 2525-4M 3/4
3 : 2525-6M 1/5
4 : 2525-6M 1/3



1 : 2828-4M 1/2
2 : 2828-4M 3/4
3 : 2828-6M 1/3

Characteristic curves

Q= Flow rate in m³/h, m³/s and cfm Pe= Static pressure in mm H_2O, Pa and inwg

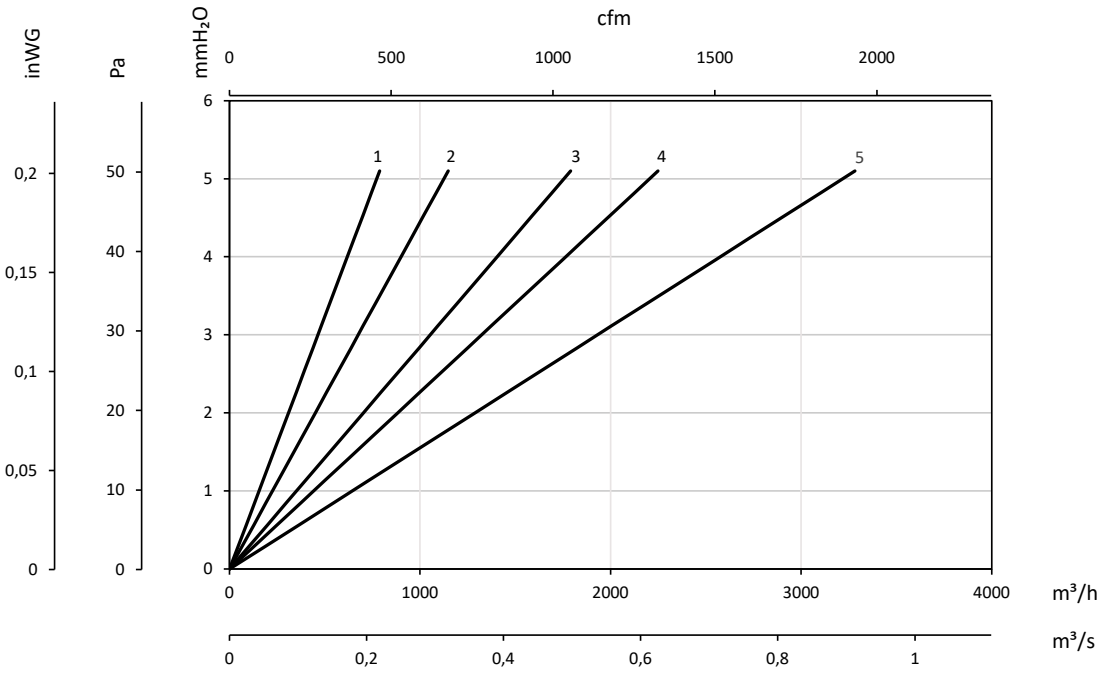


1 : 3333-6T 1 1/2
2 : 3333-6M 3/4
3 : 3333-6M 1
4 : 3939-6T 3

Load loss curves of units with filters

Q= Flow rate in m³/h, m³/s and cfm Pe= Static pressure in mm H_2O, Pa and inwg

CJBD/F
Filter: G4

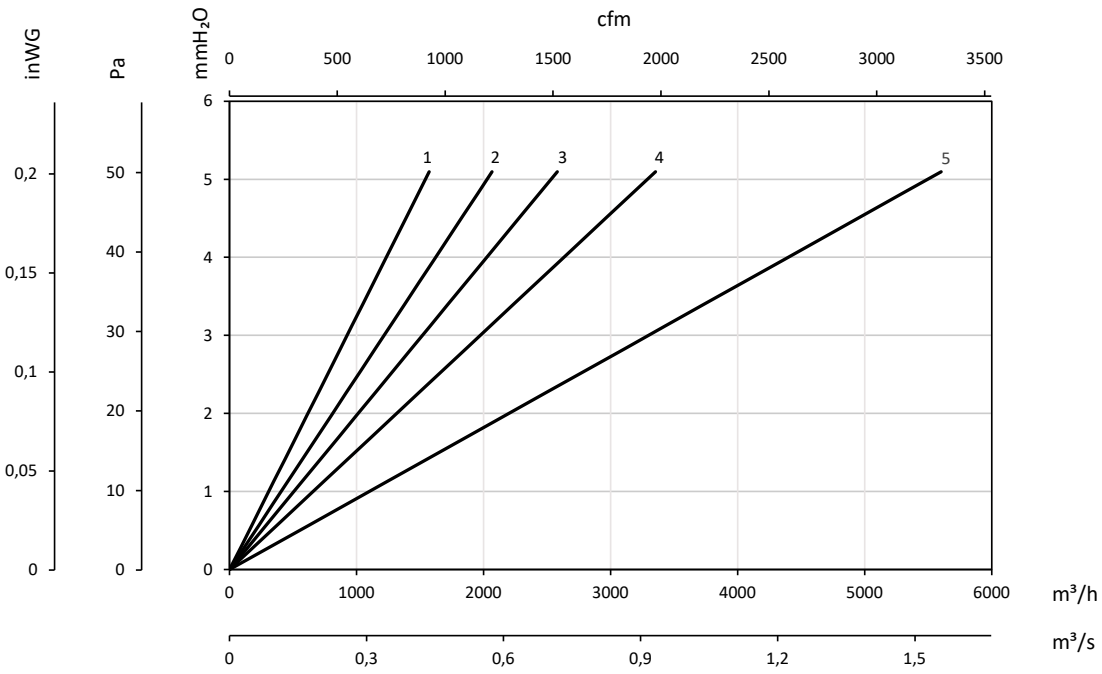


1 : 1919
2 : 2525
3 : 2828
4 : 3333
5 : 3939

Load loss curves of units with filters

Q= Flow rate in m³/h, m³/s and cfm Pe= Static pressure in mm H_2O, Pa and inwg

CJBD/ALF
Filter: G4



1 : 1919
2 : 2525
3 : 2828

4 : 3333
5 : 3939

Accessories


INT


VSD3/A-RFT
- VSD1/A-RFM


VSD1/M


VIS


TEJ