



Serie EBR
EBR Series



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APPLICAZIONE

APPLICATION

La combinazione di elettroventole brushless di ultima generazione, ha permesso agli scambiatori della serie EBR di essere la soluzione di raffreddamento ottimale per svariate applicazioni mobili:

The combination of state-of-the-art brushless electric fans, makes the EBR series heat exchangers the optimal cooling solution for a wide range of mobile applications:

Industria agricola e forestale.
Gru mobili e fisse.
Veicoli industriali.
Veicoli municipali.
Macchine da costruzione.
Altro su richiesta.

Agriculture and forestry.
Mobile and stationary cranes.
Industrial vehicles.
Municipal vehicles.
Construction machines.
Others on request.





Denominazione codice prodotto
Ordering code

SERIE	SERIES	EBR	D4	24	01
MODELLO	MODEL				

D4
D5
D6
24
30
40
44
60
70

TIPO DI MOTORIZZAZIONE FAN MOTOR TYPE

24 DC 24V

TIPO DI VENTILAZIONE VENTILATING TYPE

01 Aspirante Suction air flow



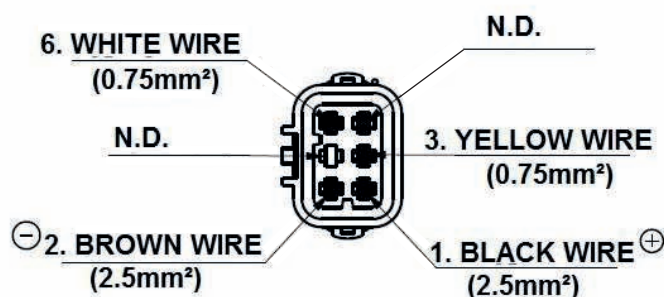


Serie EBR

EBR Series

Connettori / Connectors and wires.

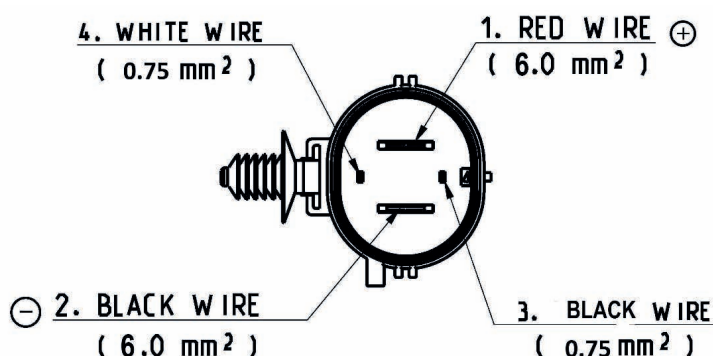
Model : EBRD42401 / EBR242401



DUCON 2.8

1.Nero/Black :	+D
2.Marrone/Brown :	-D
3.Giallo/Yellow :	PWM / E
6.Bianco/White :	FO

Model : EBRD52401/EBRD62401/EBR302401/EBR402401/EBR442401/EBR602401/EBR702401

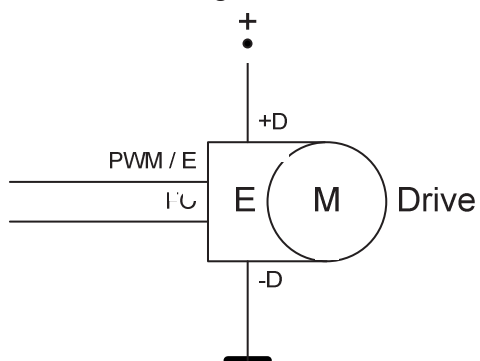


YAZAKI

1.Rosso/Red :	+D
2.Nero/Black :	-D
3.Giallo/Yellow :	FO
4.Bianco/White :	PWM / E

Collegamento elettrico / Drive diagram.

Lo schema di collegamento è indicato nella figura qui di seguito / The drive diagram is shown below.



Legenda / Key:

E : Elettronica integrata / integrated electronics
M : Motore elettrico / Motor
Drive : M+E
PWM / E : controllo elettronico in ingresso / control input
FO : lettura elettronica output / feedback output

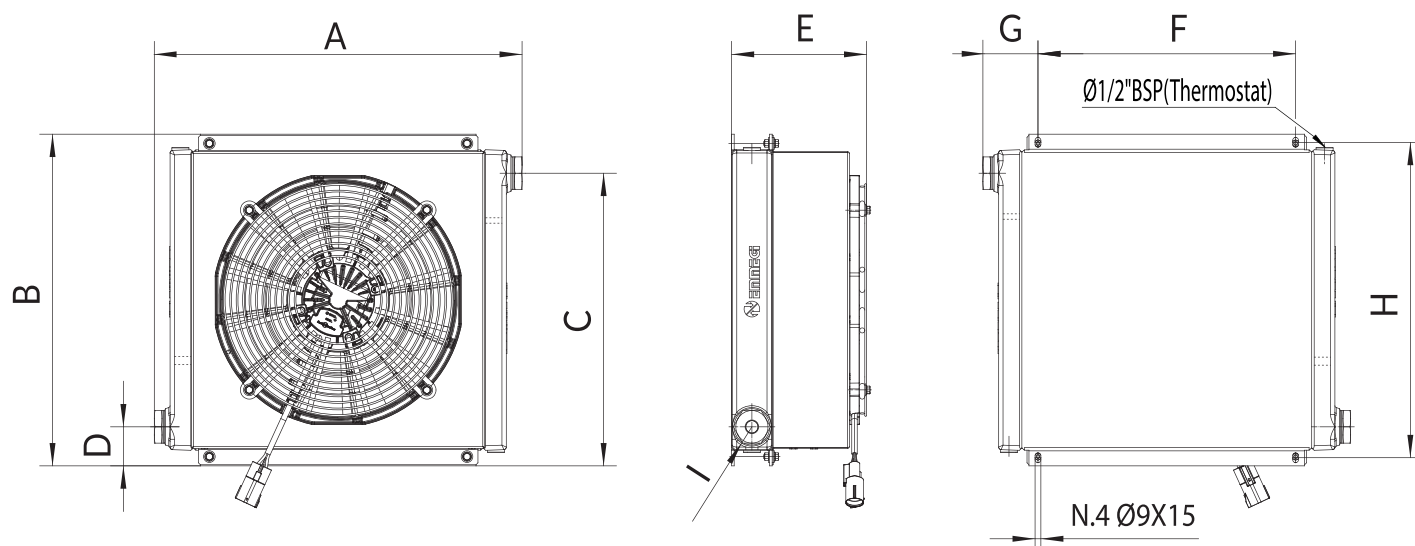
Il segnale PWM / E è usato come input per il controllo.

The signal pin PWM / E is used to control the Drive mode, it is the control input.

Il segnale FO è utilizzato per conoscere lo stato di funzionamento.

The signal pin FO is used to notify the Drive status.

Cod. Emmegi Part Number	Dati tecnici / Technical data						
	Voltage (V)	Amp. rating (A)	Plug	Fan (number)	db(A)	Approx Weight (Kg)	Cooler volume (l)
EBRD42401	24	16	DUCON 2.8	1	78	12	1
EBRD52401	24	32	YAZAKI	1	85.5	15	1.6
EBRD62401	24	23	YAZAKI	1	79.5	21	2.7

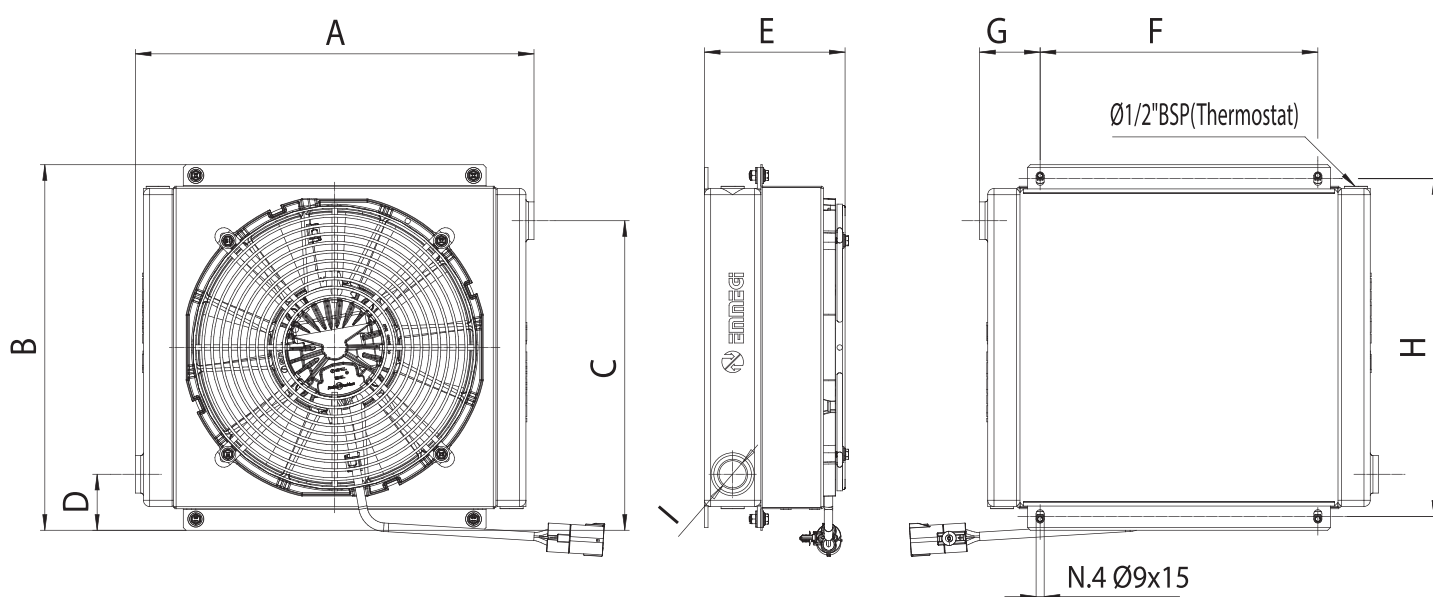


Cod. Emmegi Part Number	Dimensioni / Dimension								
	A	B	C	D	E	F	G	H	I
EBRD42401	403	340	281	59	219	240	81.5	316	1/2" BSP
EBRD52401	468	401.5	342	59	208	305	81.5	376	1/2" BSP
EBRD62401	577	508	449	60	209	400	88	486	1/2" BSP

Le dimensioni di ingombro e le caratteristiche tecniche non sono impegnative
Overall dimensions and technical characteristic are not binding

**EBR****EBR 24/30/40/44**

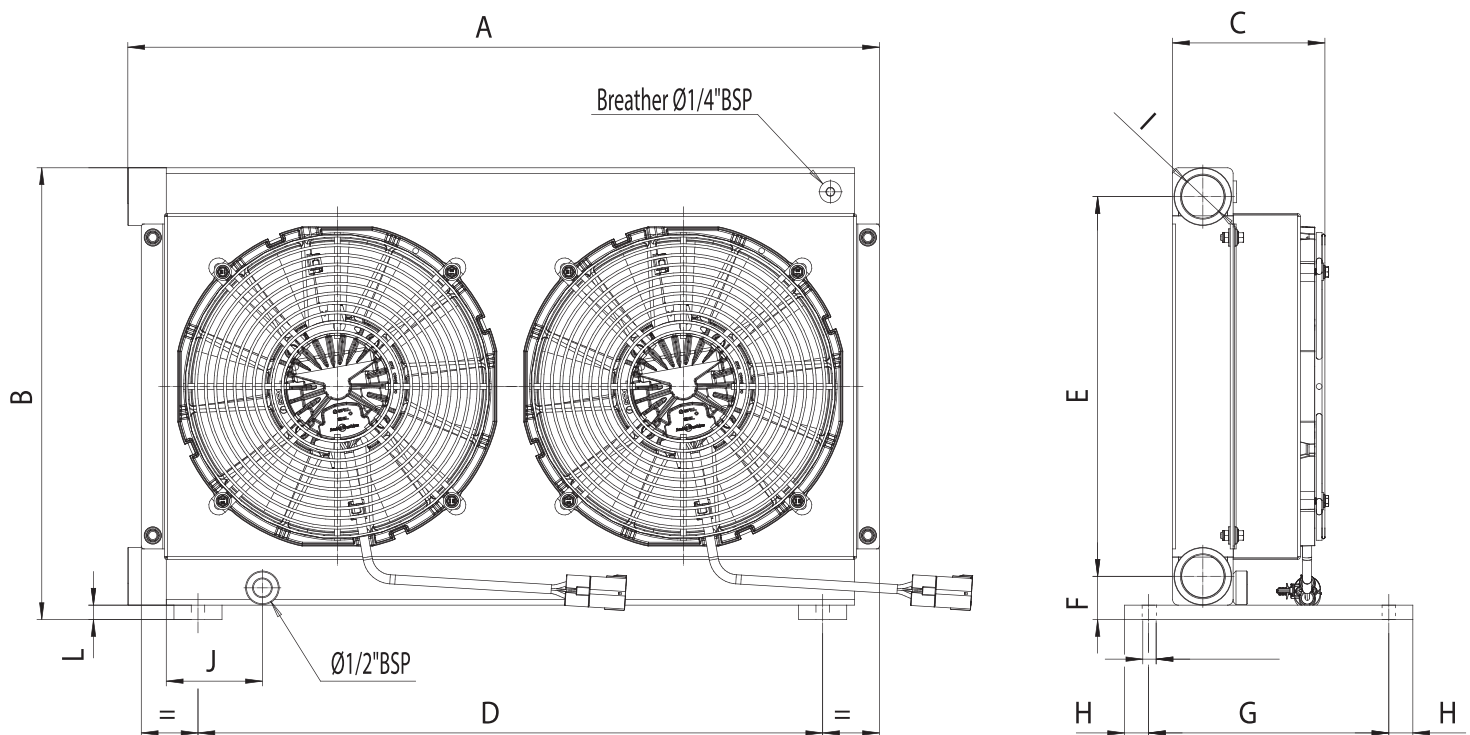
Cod. Emmegi Par Number	Dati tecnici / Technical data						
	Voltage (V)	Amp. rating (A)	Plug	Fan (number)	db(A)	Approx Weight (Kg)	Cooler volume (l)
EBR242401	24	16	DUCON 2.8	1	78	12	1
EBR302401	24	32	YAZAKI	1	85.5	15	1.6
EBR402401	24	23	YAZAKI	1	79.5	21	2.7
EBR442401	24	23	YAZAKI	1	79.5	26	6.6



Cod. Emmegi Par Number	Dimensioni / Dimension								
	A	B	C	D	E	F	G	H	I
EBR242401	380	340	281	59	219	240	70	315	1" BSP
EBR302401	455	402	342	59	208	310	67.5	377	1" BSP
EBR402401	540	512	450	61.5	210	400	70	487	1 1/4" BSP
EBR442401	600	508	430.5	77.5	240	400	100	483	1 1/4" BSP

Le dimensioni di ingombro e le caratteristiche tecniche non sono impegnative
Overall dimensions and technical characteristic are not binding

Cod. Emmegi Par Number	Dati tecnici / Technical data						
	Voltage (V)	Amp. rating (A)	Plug	Fan (number)	db(A)	Approx Weight (Kg)	Cooler volume (l)
EBR602401	24	32 (x2)	YAZAKI	2	88.5	31	3.2
EBR702401	24	23 (x2)	YAZAKI	2	88.5	43	5.4



Cod. Emmegi Par Number	Dimensioni / Dimension									
	A	B	C	D	E	F	G	H	I	J
EBR602401	782	470	208	650	395	45	250	25	1 1/2\"BSP	100
EBR702401	982	565	208	850	490	45	250	25	1 1/2\"BSP	100

Le dimensioni di ingombro e le caratteristiche tecniche non sono impegnative
Overall dimensions and technical characteristic are not binding



EBR

EBR D4/D5/D6

DIAGRAMMA RENDIMENTO CON OLIO ISOVG 46 / OIL ISO VG 46 PERFORMANCE

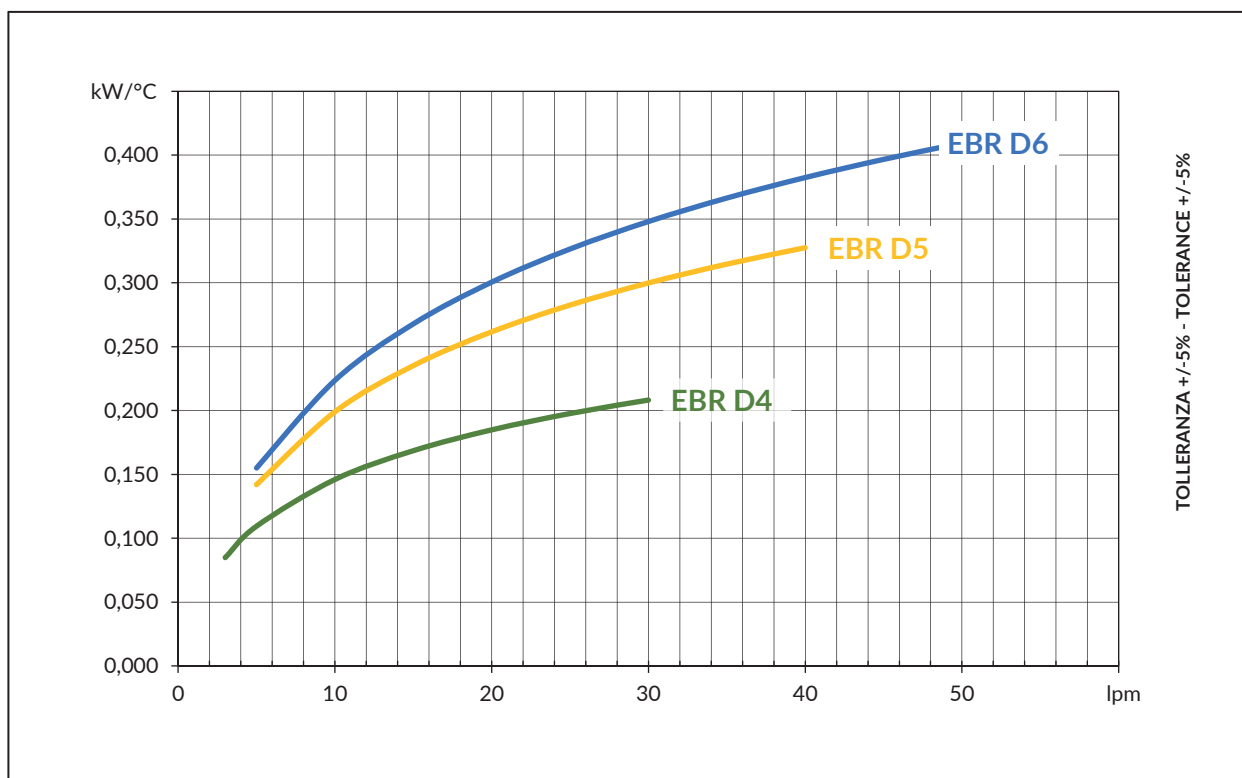


DIAGRAMMA PERDITE DI CARICO OLIO ISOVG 46 / OIL ISO VG 46 PRESSURE DROP

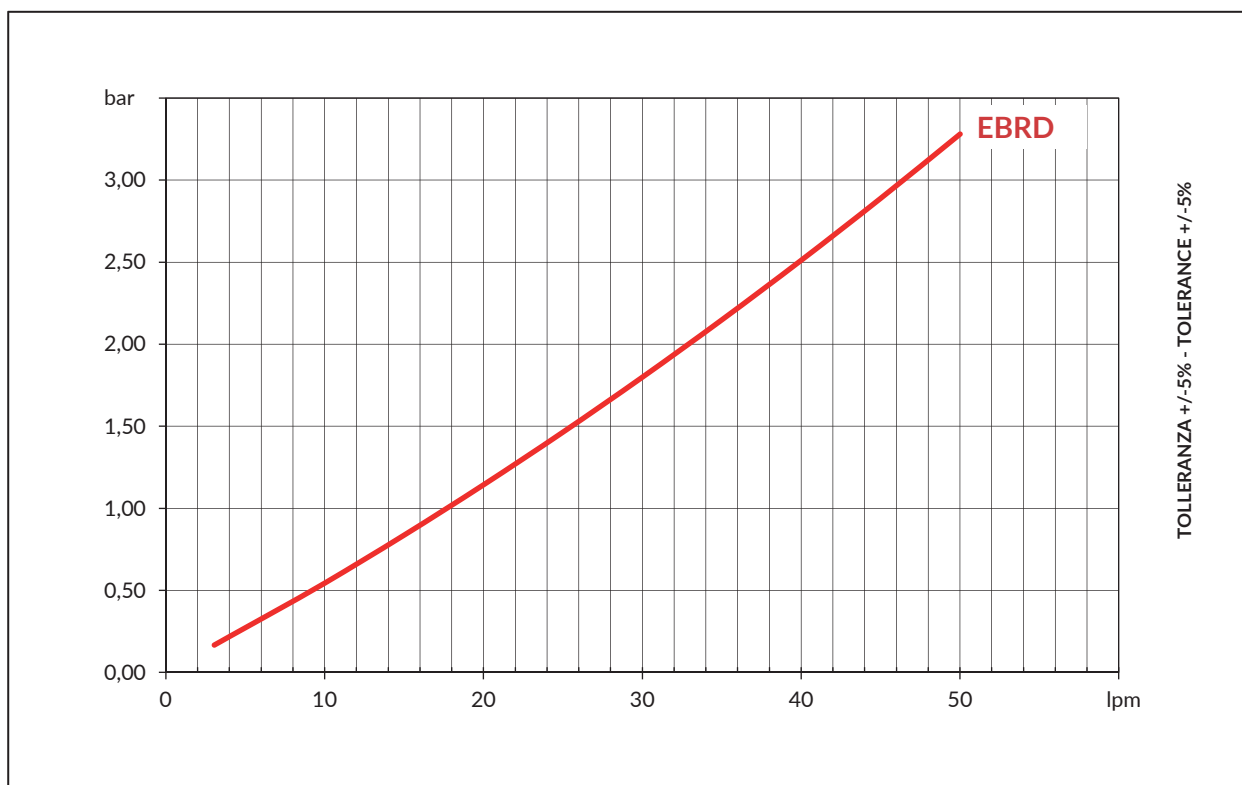
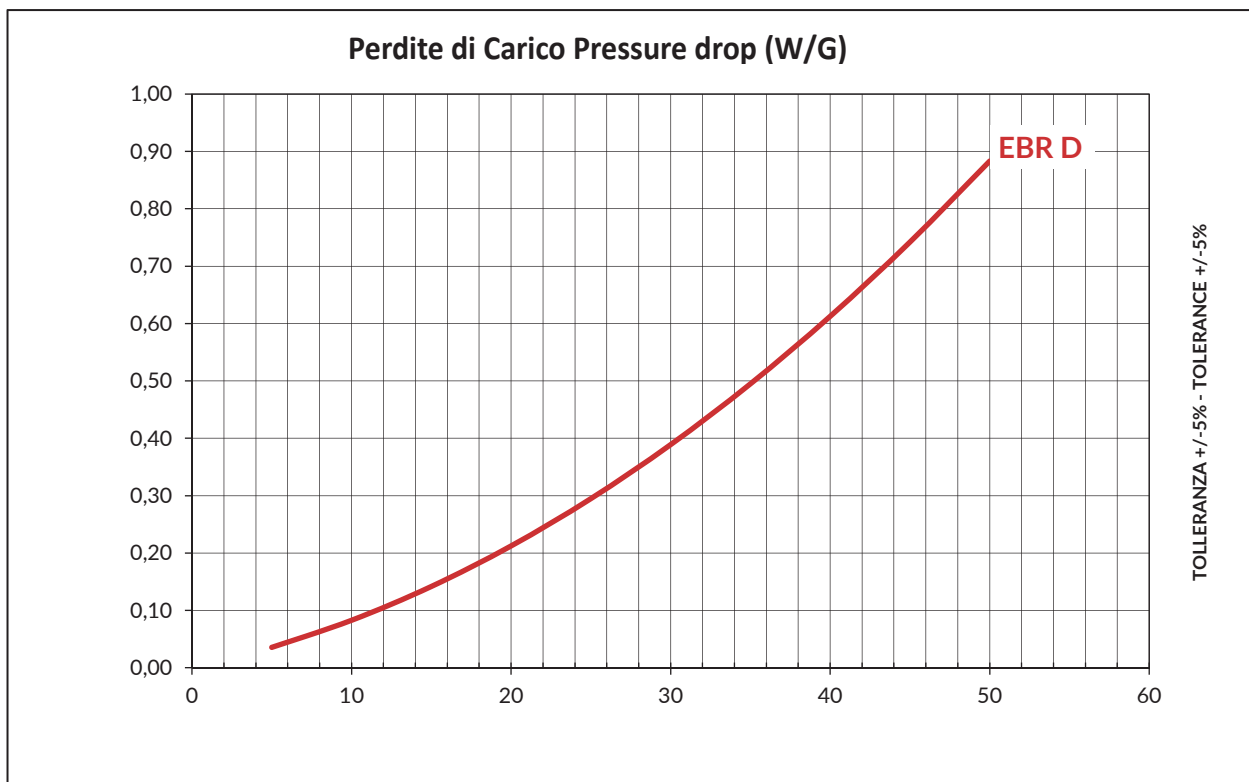


DIAGRAMMA RENDIMENTO CON ACQUA-GLICOLE 50 % / WATER-GLYCOL 50 % PERFORMANCE



PERDITE DI CARICO CON ACQUA-GLICOLE 50 % / WATER-GLYCOL 50 % PRESSURE DROP





EBR

EBR 24/30/40/44

DIAGRAMMA RENDIMENTO CON OLIO ISOVG 46 / OIL ISO VG 46 PERFORMANCE

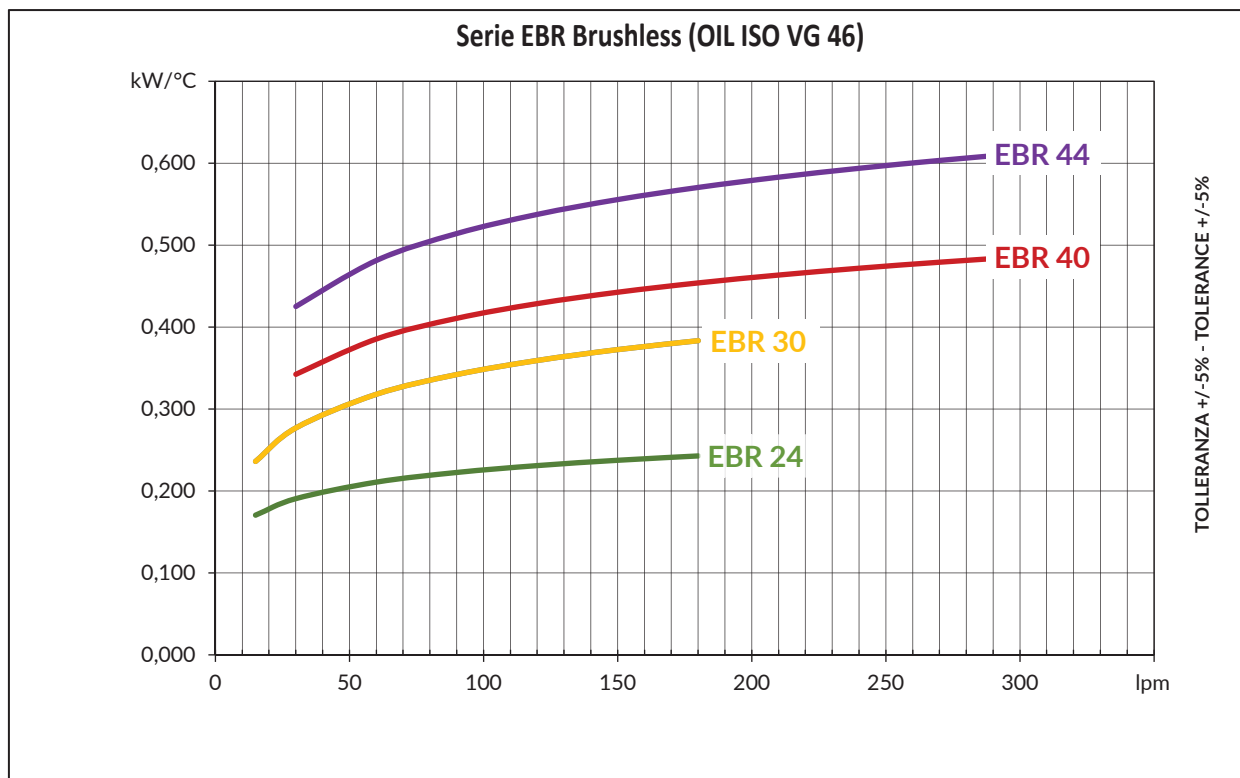


DIAGRAMMA PERDITE DI CARICO OLIO ISOVG 46 / OIL ISO VG 46 PRESSURE DROP

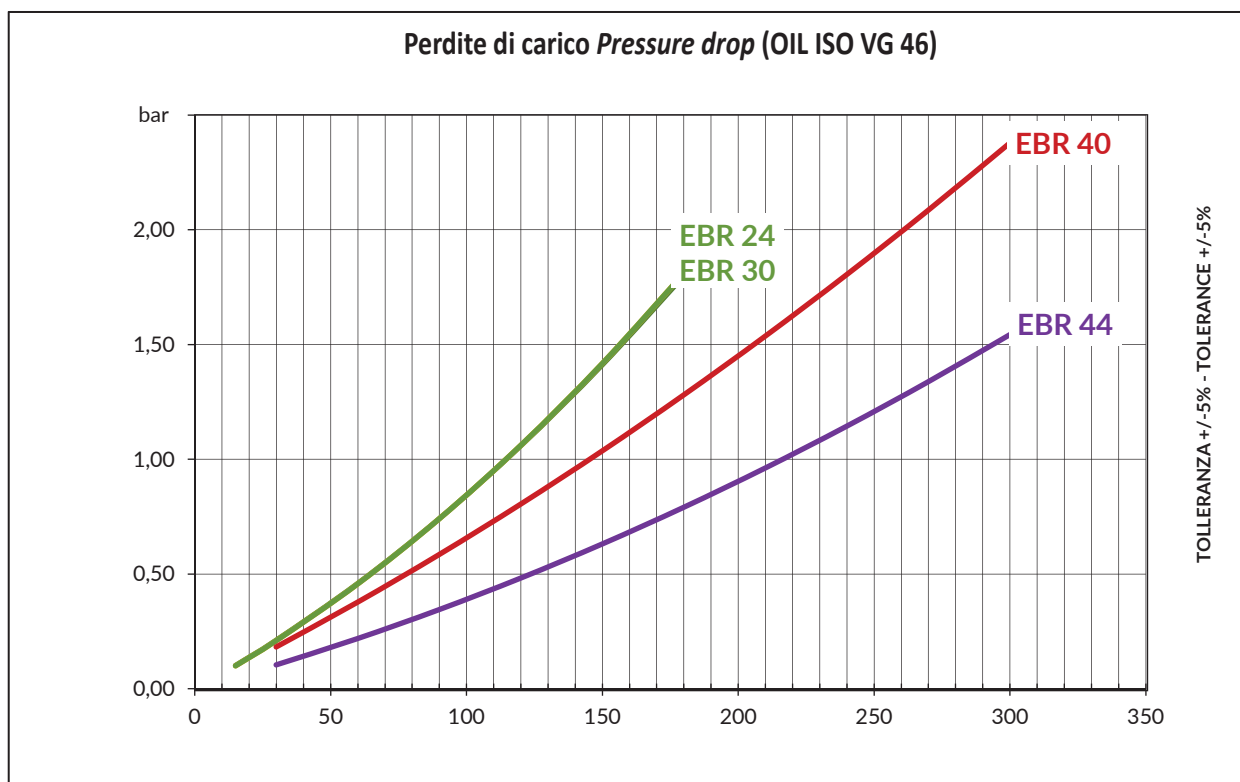


DIAGRAMMA RENDIMENTO ACQUA-GLICOLE 50% / WATER-GLYCOL 46 PERFORMANCE

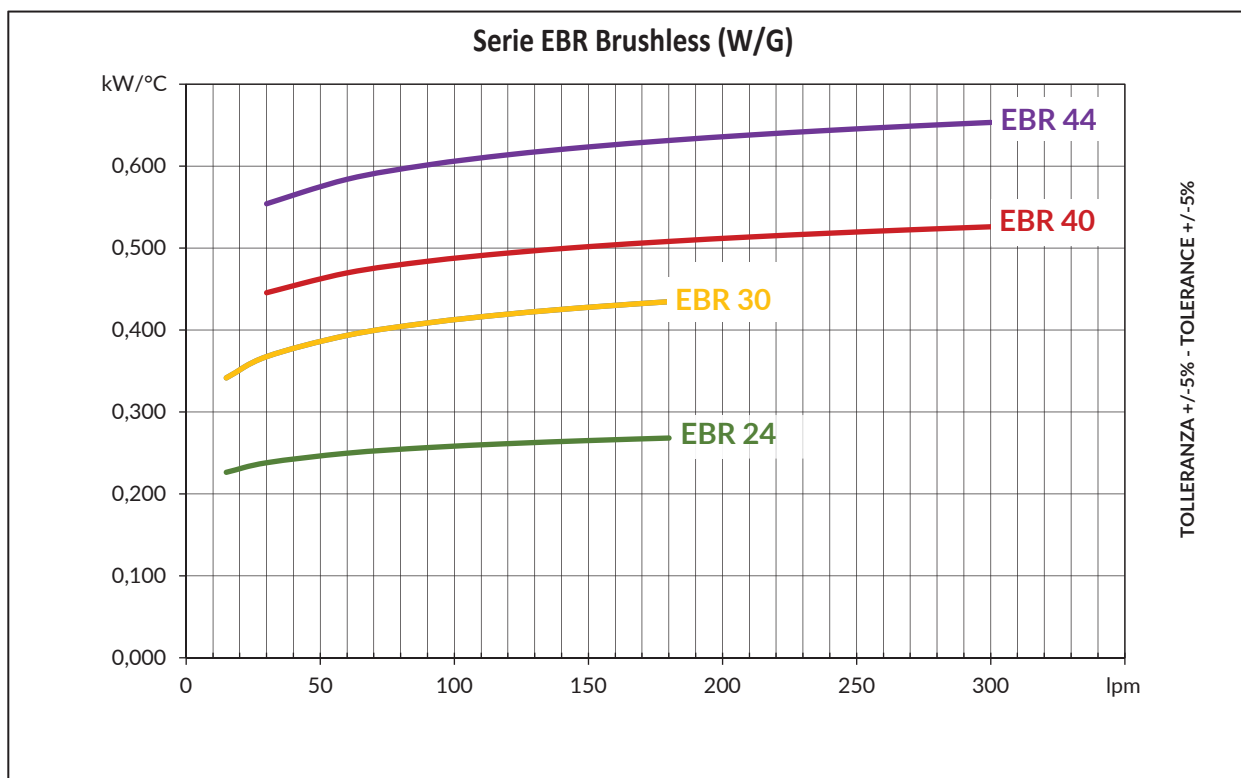


DIAGRAMMA PERDITE DI CARICO ACQUA-GLICOLE 50% / WATER-GLYCOL 50% PERFORMANCE

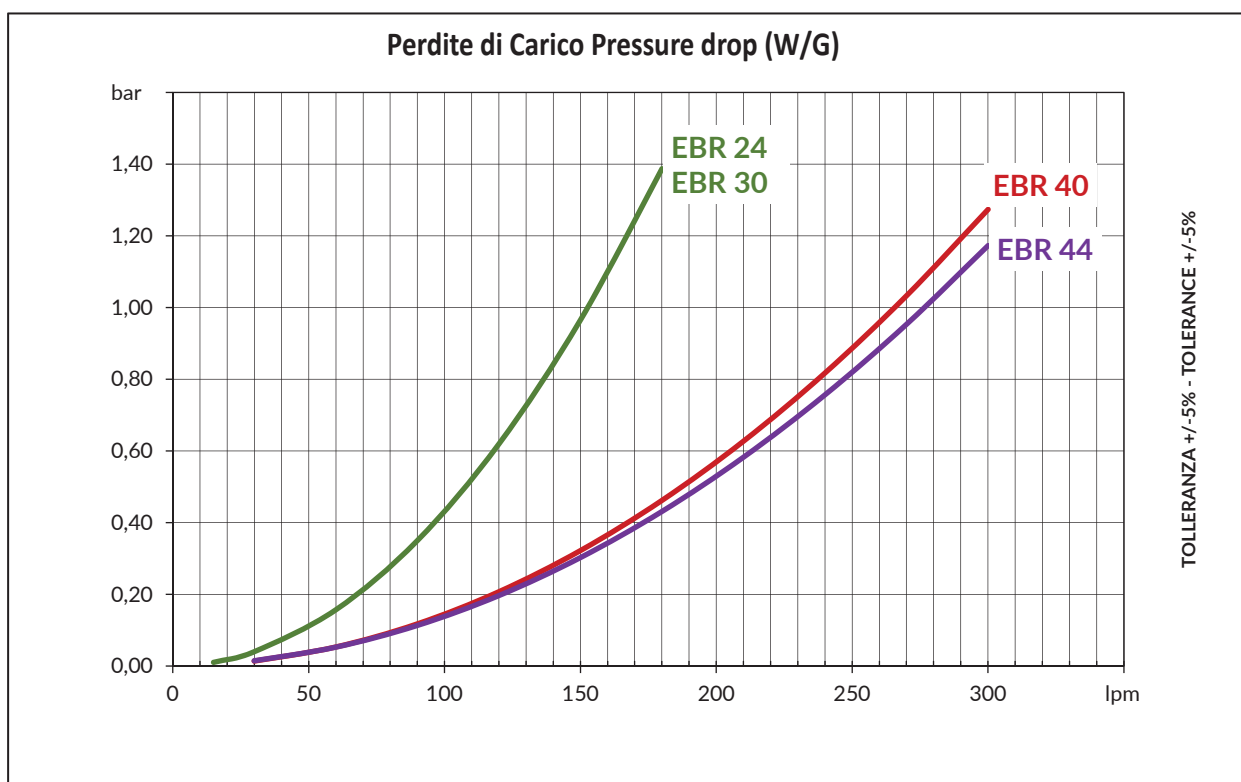




DIAGRAMMA RENDIMENTO CON OLIO ISOVG 46 / OIL ISOVG 46 PERFORMANCE

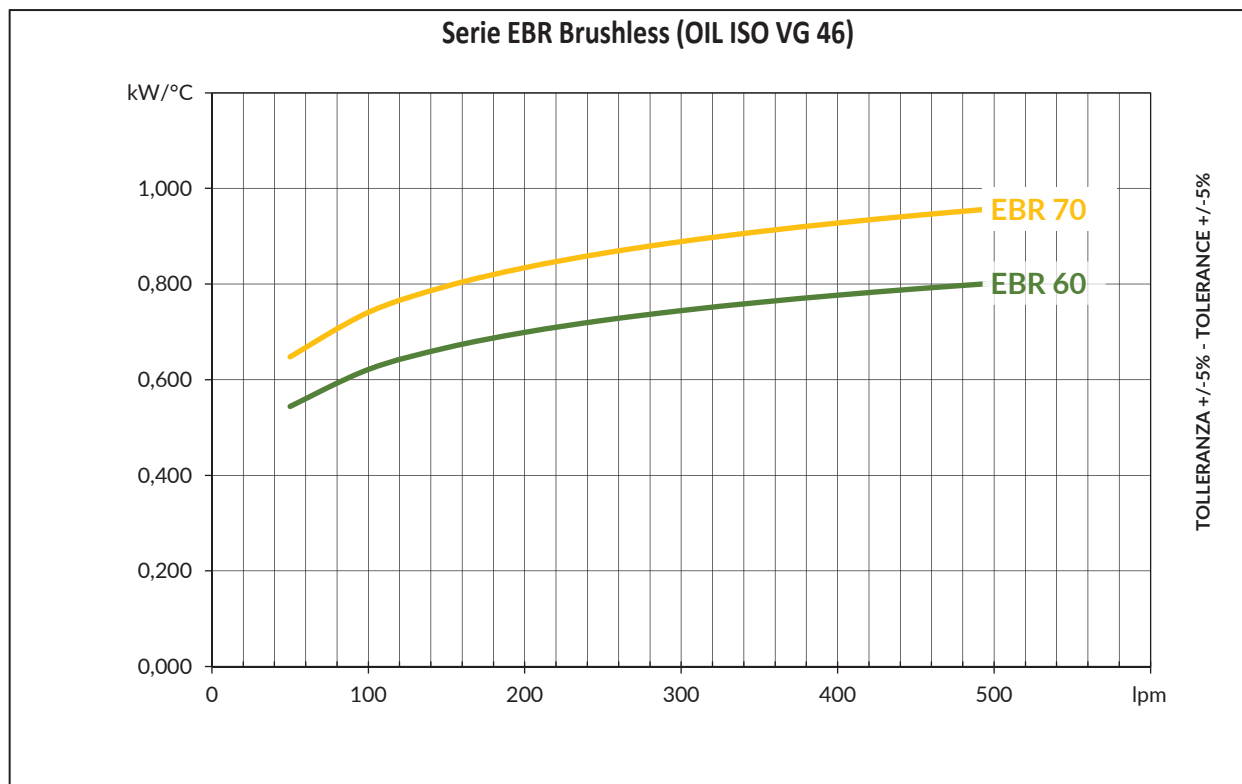


DIAGRAMMA PERDITE DI CARICO OLIO ISOVG 46 / OIL ISOVG 46 PRESSURE DROP

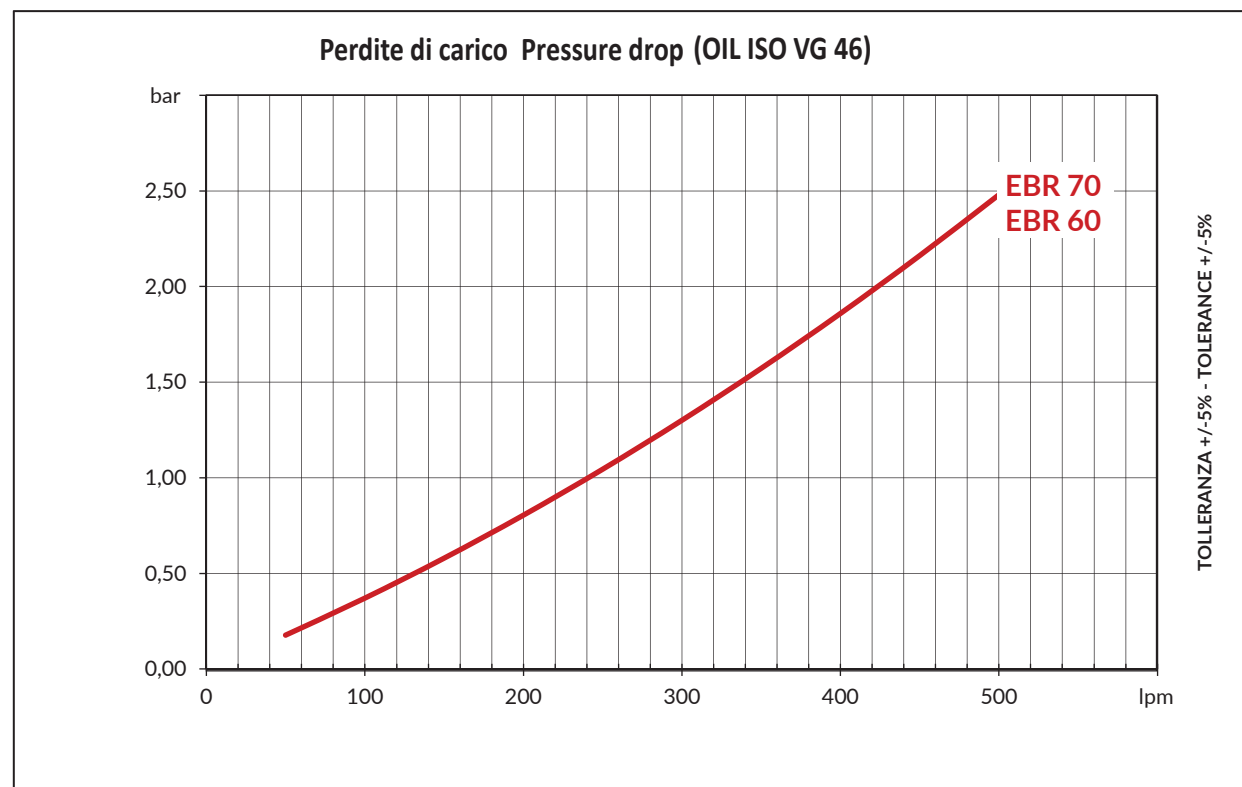


DIAGRAMMA RENDIMENTO CON ACQUA-GLICOLE 50 % / WATER-GLYCOL 50 % PERFORMANCE



PERDITE DI CARICO CON ACQUA-GLICOLE 50 % / WATER-GLYCOL 50 % PRESSURE DROP

