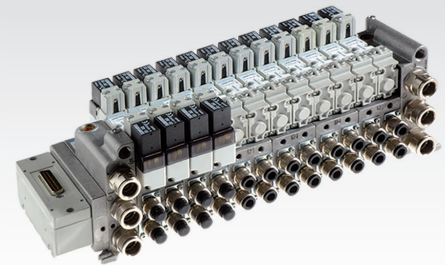


CARACTERISTIQUES

Température ambiante	-20 ÷ +50 °C
Fluide	air filtré 50 µm, avec ou sans lubrification
Système de commutation	tiroir
Pression max	9 bar (électrique) 10 bar (pneumatique)
Connexions	interface ISO 15407-1/2
Diamètre nominal (mm)	6 (18 mm) 8 (26 mm)
Débit nominal (NI/min)	voir le tableau ci-dessous
Corps de vanne	résine acétalique avec couverture en aluminium
Joints	NBR
Tiroir	aluminium
Électropilote	série A/U05
Tension	12 V DC - 24 V AC/DC - 48 V AC - 110 V AC - 230 V AC
Consommation électrique	2 W
Commande manuelle	bouton rentré - 1 position
Classe de protection	IP65



CLE DE CODIFICATION

B	D	E	-	3	3	4	4	2	4	
1				2	3	4	5	6		7

1 Série	2 Taille	3 Type
BDE = Électrodistributeurs avec connexion électrique intégrée 24 V DC	BDB = Électrodistributeurs avec connexion électrique 24 V DC, avec connecteur M12	3 = 18 mm 4 = 26 mm
Bobines et connecteurs de série		2 = 5/2 3 = 5/3 c.f. 4 = 5/3 c.o. 5 = 5/3 c.p. 6 = 3/2+3/2 NC-NC 7 = 3/2+3/2 NC-NO 8 = 3/2+3/2 NO-NO

4 Commande 14	5 Retour 12	6 Tension bobine	7 Option
4 = Électrique amplifiée	0 = Ressort pneumomécanique 1 = Ressort mécanique 4 = Électrique amplifié 7 = Électrique non amplifié	24 = 24 V DC (standard) 12 = 12 V DC (sur demande)	D = Pilote asservi

B	D	A	-	3	3	4	4		
1				2	3	4	5	6	7

1 Série	2 Taille	3 Type	4 Commande 14
BDA = Distributeurs et électrodistributeurs	3 = 18 mm 4 = 26 mm	2 = 5/2 3 = 5/3 c.f. 4 = 5/3 c.o. 5 = 5/3 c.p. 6 = 3/2+3/2 NC-NC 7 = 3/2+3/2 NC-NO 8 = 3/2+3/2 NO-NO	3 = Pneumatique amplifiée 4 = Électrique amplifiée seulement DC 5 = Électrique amplifiée DC et AC
Bobines et connecteurs pas fournis, à commander séparément			

5 Retour 12	6 Option	7 Option ATEX
0 = Ressort pneumomécanique 1 = Ressort mécanique 2 = Pneumatique non amplifié 3 = Pneumatique amplifiée	D = Pilote asservi	X = Atex (disponible sur demande)
4 = Électrique amplifié seulement DC 5 = Électrique amplifié DC et AC 7 = Électrique non amplifié seulement DC 8 = Électrique non amplifié DC et AC		Pour les types et versions, consulter le catalogue ATEX

c.f. = centres fermés c.o. = centres ouverts c.p. = centres en pression

Bobine U05 côté 15 mm

Référence	Tension nominale		Fréquence	Consommation			
				DC W		AC VA	
	V DC	V AC		HZ	régime	reprise	régime
DD-040	-	24	50/60	-	-	2,3	3,2
DD-041	12	-	-	2	2	-	-
DD-050	-	48	50/60	-	-	2,3	3,2
DD-051	24	-	-	2	2	-	-
DD-060	-	110	50/60	-	-	2,3	3,2
DD-070	-	230	50/60	-	-	2,3	3,2

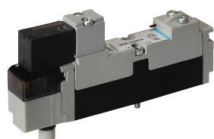
Débit nominal (NI/min)

BD 18 mm	VDMA-ISO			Accrue		
	Ø4	Ø6	Ø8	Ø4	Ø6	Ø8
5/2	200	440	620	200	480	800
5/3	200	440	580	200	460	720
3/2+3/2	200	440	600	200	460	720

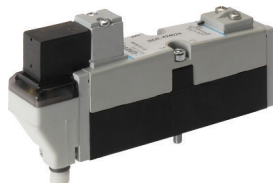
BD 26 mm	VDMA-ISO				Accrue			
	Ø6	Ø8	Ø10	Ø12	Ø6	Ø8	Ø10	Ø12
5/2	500	950	1200	1250	500	1050	1500	1700
5/3	500	900	1100	1150	500	1050	1300	1400
3/2+3/2	500	950	1150	1250	500	1050	1450	1650

BDE Impulsion électrique - Connexion électrique intégrée

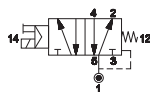
■ Impulsion simple



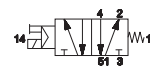
18 mm



26 mm

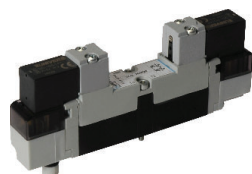


BDE-324024 18 mm
BDE-424024 26 mm

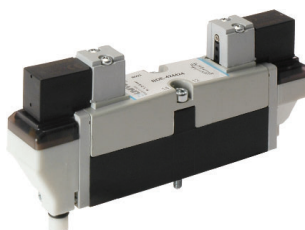


BDE-324124 18 mm
BDE-424124 26 mm

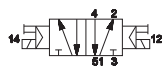
■ Impulsion double



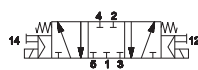
18 mm



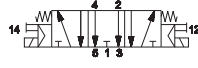
26 mm



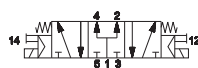
BDE-324424 18 mm
BDE-424424 26 mm



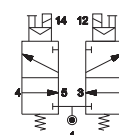
BDE-334424 18 mm
BDE-434424 26 mm



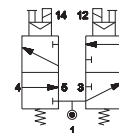
BDE-344424 18 mm
BDE-444424 26 mm



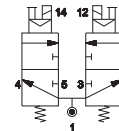
BDE-354424 18 mm
BDE-454424 26 mm



BDE-364424 18 mm
BDE-464424 26 mm



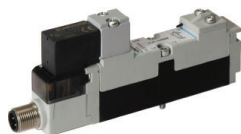
BDE-374424 18 mm
BDE-474424 26 mm



BDE-384424 18 mm
BDE-484424 26 mm

BDB Impulsion électrique - Connecteur M12

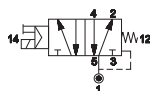
■ Impulsion simple



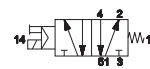
18 mm



26 mm

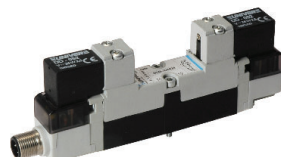


BDB-324024 18 mm
BDB-424024 26 mm

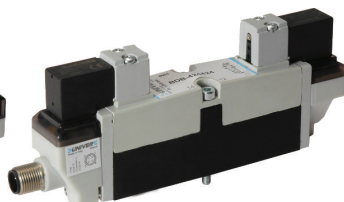


BDB-324124 18 mm
BDB-424124 26 mm

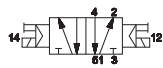
■ Impulsion double



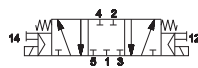
18 mm



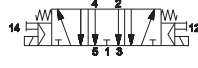
26 mm



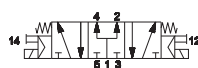
BDB-324424 18 mm
BDB-424424 26 mm



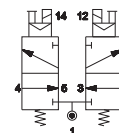
BDB-334424 18 mm
BDB-434424 26 mm



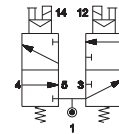
BDB-344424 18 mm
BDB-444424 26 mm



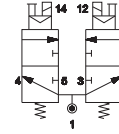
BDB-354424 18 mm
BDB-454424 26 mm



BDB-364424 18 mm
BDB-464424 26 mm



BDB-374424 18 mm
BDB-474424 26 mm



BDB-384424 18 mm
BDB-484424 26 mm

BDA Impulsion pneumatique

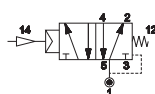
■ Impulsion simple/double



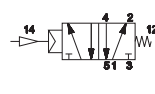
18 mm



26 mm



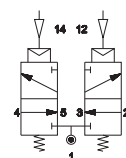
BDA-3230 18 mm
BDA-4230 26 mm



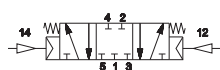
BDA-3231 18 mm
BDA-4231 26 mm



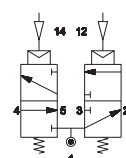
BDA-3233 18 mm
BDA-4233 26 mm



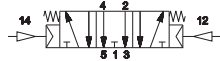
BDA-3633 18 mm
BDA-4633 26 mm



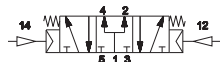
BDA-3333 18 mm
BDA-4333 26 mm



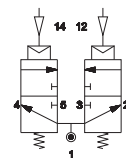
BDA-3733 18 mm
BDA-4733 26 mm



BDA-3433 18 mm
BDA-4433 26 mm



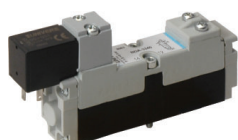
BDA-3533 18 mm
BDA-4533 26 mm



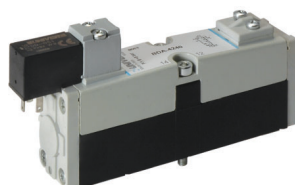
BDA-3833 18 mm
BDA-4833 26 mm

BDA Impulsion électrique - Connexion électrique externe

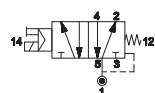
■ Impulsion simple



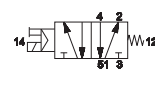
18 mm



26 mm



BDA-3240 18 mm
BDA-4240 26 mm

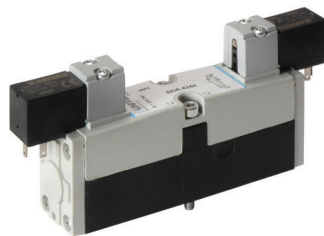


BDA-3241 18 mm
BDA-4241 26 mm

■ Impulsion double



18 mm



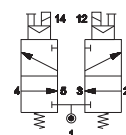
26 mm



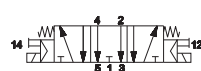
BDA-3244 18 mm
BDA-4244 26 mm



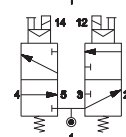
BDA-3344 18 mm
BDA-4344 26 mm



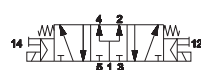
BDA-3644 18 mm
BDA-4644 26 mm



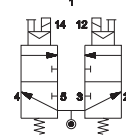
BDA-3444 18 mm
BDA-4444 26 mm



BDA-3744 18 mm
BDA-4744 26 mm



BDA-3544 18 mm
BDA-4544 26 mm



BDA-3844 18 mm
BDA-4844 26 mm



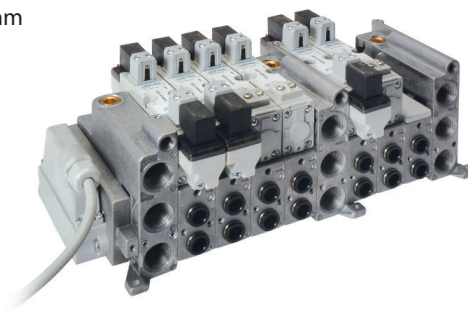
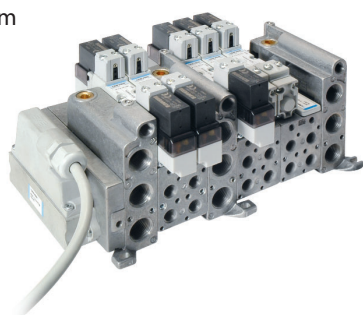
DIN C (8 mm)

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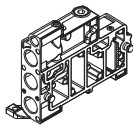
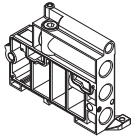
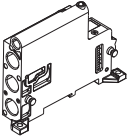
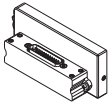
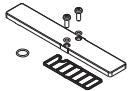
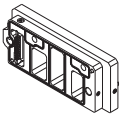
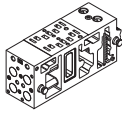
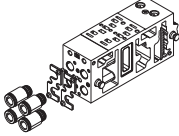
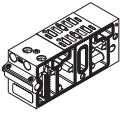
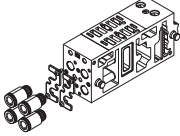
BDE Embases Manifold - Connexion électrique intégrée

■ 18 mm

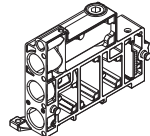
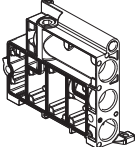
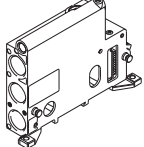
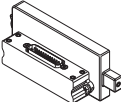
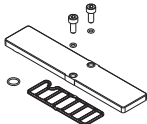
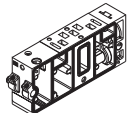
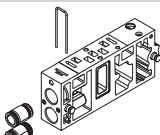
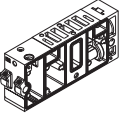
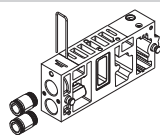
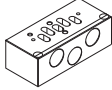
■ 26 mm



18 mm

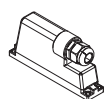
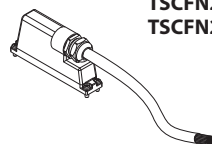
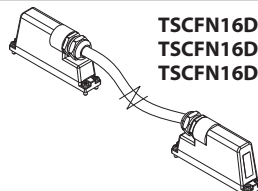
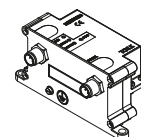
BDF-3100	BDF-3115	BDF-3120	BDF-3140TIM	BDF-3180	BDF-3185	BDF-3190
						
plaque d'alimentation gauche G3/8	plaque d'alimentation droite G3/8	plaque d'alimentation intermédiaire	module de connexion multipolaire 25 pôles mâle, type D	plaque de séparation pression	plaque de fermeture pour place de vanne inutilisée	interface de connexion entre distributeurs côté 18-26 mm
BDF-3210	BDF-3230 (a)	BDF-3310	BDF-3330 (a)	BDF-3400	GZR-100	GZR-V10004/06/08
						
embase à 2 places selon norme VDMA-ISO débit 620 NI/min Raccordements G1/8	embase à 2 places selon norme VDMA-ISO débit 620 NI/min pour raccords Ø 4-6-8 mm	embase à 2 places avec débit accru 800 NI/min Raccordements G1/8	embase à 2 places avec débit accru 800 NI/min pour raccords Ø 4-6-8 mm	embase simple à 1 place avec débit accru	bouchon de fermeture	raccords de conception UNIVER GZR-V10004 Ø4 mm GZR-V10006 Ø6 mm GZR-V10008 Ø8 mm

26 mm

BDF-4100	BDF-4115	BDF-4120	BDF-4140TIM	BDF-4180	BDF-4185
					
plaque d'alimentation gauche G1/2	plaque d'alimentation droite G1/2	plaque d'alimentation intermédiaire G1/2	module de connexion multipolaire 25 pôles mâle, type D	plaque de séparation pression	plaque de fermeture pour place de vanne inutilisée
BDF-4210/20	BDF-4230 (a)	BDF-4310/20	BDF-4330 (a)	BDF-4400	GZR-VV1006/08/10
					
embase à 1 place selon norme VDMA-ISO débit 1250 NI/min BDF-4210 Raccordements G1/4 BDF-4220 Raccordements G3/8	embase à 1 place selon norme VDMA-ISO débit 1250 NI/min pour raccords Ø 6-8-10 mm	embase à 1 place avec débit accru 1700 NI/min BDF-4310 Raccordements G1/4 BDF-4320 Raccordements G3/8	embase à 1 place avec débit accru 1700 NI/min pour raccords Ø 6-8-10 mm	embase simple à 1 place avec débit accru	raccords de conception UNIVER GZR-VV1006 Ø6 mm GZR-VV1008 Ø8 mm GZR-VV1010 Ø10 mm

Connexions électriques

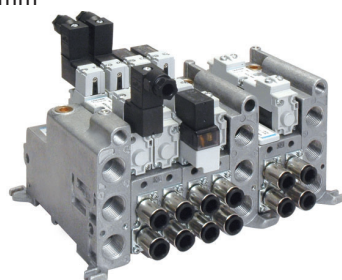
TSCFN24S000

TSCFN24S0300
TSCFN24S0500
TSCFN24S1000TSCFN16D0300
TSCFN16D0500
TSCFN16D1000TCXLKA
TCXLKBconnecteur femelle 25 pôles
type D-sub sans câble -
vis de fixation M3x8connecteur femelle 25 pôles,
type D-sub, précâblé pour 26 bobines
avec câble (longueur 3-5-10 m) vis de
fixation M3x8connecteur lâche mâle/femelle type D-sub
(sur demande) précâblé pour 16 bobines avec
câble Ø 8 mm (longueur 3-5-10 m) convenant à
une pose dynamique - vis de fixation M3x8module de connexion
IO-LINK (port class A/B)

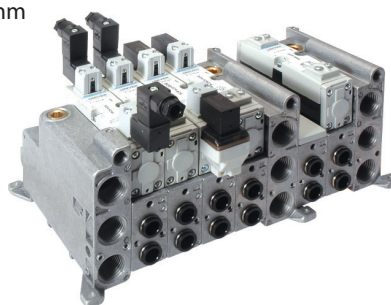
(a) = embase avec plaque de fixation pour raccords (raccords non compris)

BDA/BDB Embases Manifold - Connexion électrique avec connecteur externe

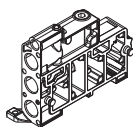
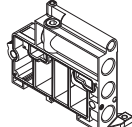
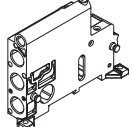
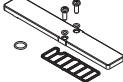
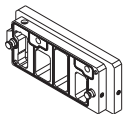
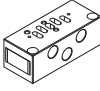
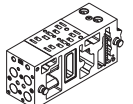
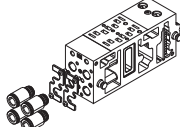
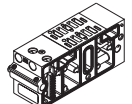
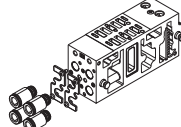
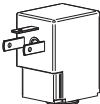
■ 18 mm



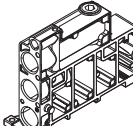
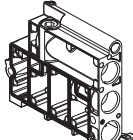
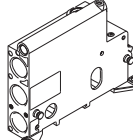
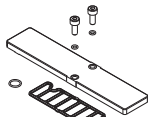
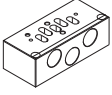
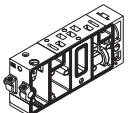
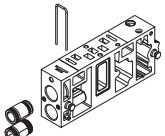
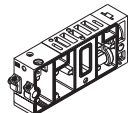
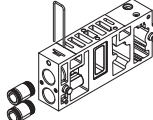
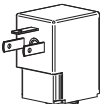
■ 26 mm



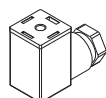
18 mm

BDF-3110	BDF-3115	BDF-3125	BDF-3180	BDF-3185	BDF-3191	BDF-3400
						
plaque d'alimentation gauche G3/8	plaque d'alimentation droite G3/8	plaque d'alimentation intermédiaire G3/8	Plaque de séparation pression	plaque de fermeture pour place de vanne inutilisée	interface de connexion entre distributeurs côté 18-26 mm	embase simple à 1 place avec débit accru G1/8
BDF-3211/2 (b)	BDF-3231/2 (a) - (b)	BDF-3311/2 (b)	BDF-3331/2 (a) - (b)	GZR-100	GZR-V10004/6/8	DD-...
						
embase à 2 places selon norme VDMA-ISO débit 620 NI/min raccords G1/8	embase à 2 places selon norme VDMA-ISO débit 620 NI/min pour raccords Ø 4-6-8 mm	embase à 2 places avec débit accru 800 NI/min raccords G1/8	embase à 2 places avec débit accru 800 NI/min pour raccords Ø 4-6-8 mm	bouchon de fermeture	raccords de conception UNIVER GZR-V10004 Ø4 mm GZR-V10006 Ø6 mm GZR-V10008 Ø8 mm	bobine U05 côté 15 mm

26 mm

BDF-4110	BDF-4115	BDF-4125	BDF-4180	BDF-4185	BDF-4400
					
plaque d'alimentation gauche G1/2	plaque d'alimentation droite G1/2	plaque d'alimentation intermédiaire G1/2	plaque de séparation pression	plaque de fermeture pour place de vanne inutilisée	embase simple à 1 place avec débit accru G3/8
BDF-4211/.. (b)	BDF-4231/2 (a) - (b)	BDF-4311/.. (b)	BDF-4331/2 (a) - (b)	GZR-VV1006/8/10	DD-...
					
embase à 1 place selon norme VDMA-ISO débit 1250 NI/min raccords: G1/4 G3/8 BDF-4211 BDF-4212 BDF-4221 BDF-4222	embase à 1 place selon norme VDMA-ISO débit 1250 NI/min pour raccords Ø 6-8-10 mm BDF-4231 BDF-4232	embase à 1 place avec débit accru 1700 NI/min raccords: G1/4 G3/8 BDF-4311 BDF-4312 BDF-4321 BDF-4322	embase à 1 place avec débit accru 1700 NI/min pour raccords Ø 6-8-10 mm	raccords de conception UNIVER GZR-VV1006 Ø6 mm GZR-VV1008 Ø8 mm GZR-VV1010 Ø10 mm	bobine U05 côté 15 mm

Connexion électrique



AM-5109

Connecteur 15 mm

(a) = embase avec plaque de fixation pour raccords (raccords non compris)
 (b) = référence finale: 1 = électrique non intégrée 2 = seulement pneumatique