

Part number:

HYDROMA

HYDRAULICKÉ SYSTÉMY

HIDROMA
SISTEMS

UKŁADY HYDRAULICZNE

HYDROMA

ГИДРАВЛИЧЕСКИЕ СИСТЕМЫ

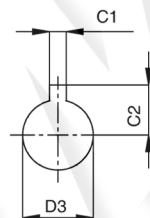
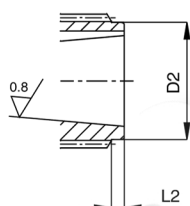
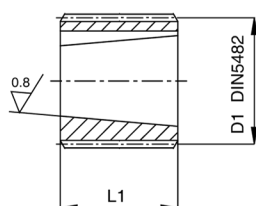
Semigiunti dentati serie BF per pompe unificate ad ingranaggi
Series BF splined couplings for unified gear pumps
Manchons dentés serie BF pour pompes unifiées à engrénages
Kupplingsnaben serie BF fuer norm-zahnradpumpen

Conicità
Taper
Conicité
Kegel

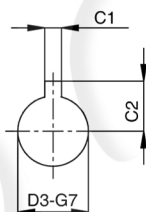
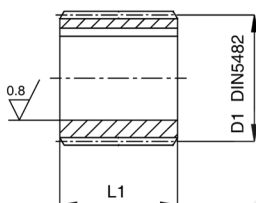
1 : 8

Foro cilindrico
Parallel hole
Trou cylindrique
Zylindrisch bohrung

Conicità 1:8
Taper 1:8
Conicité 1:8
Kegel 1:8



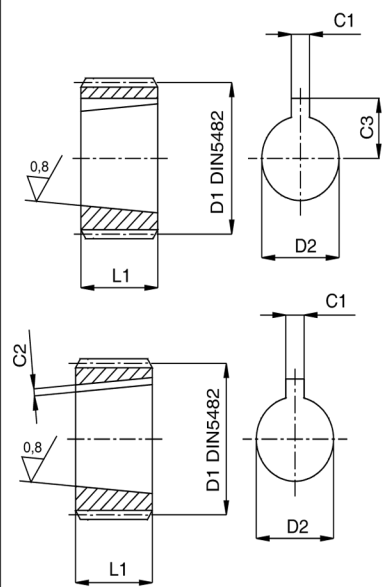
Foro cilindrico
Parallel hole
Trou cylindrique
Zylindrisch bohrung



N.denti Teeth numbers N.dents Zahnezahl	D1	Riferimento pompe Pump reference Référence pompes Ordnungsgruppe	Sigla Model code Sigle Bestellzeichen	Codice Part number Matricule Bestellnummer	D2	D3		L1	L2	C1	C2
12	20x17	05	BF1/05	31000200		6		7		2	4
		T05	BF1/06	31000500		7		9			4,6
		1	BF1-1	31000400		7,78	1:8	14,5		2,4	5,8
		1C	BF1C	31000300		12		13,5		3	7,5
14	25x22	1	BF2/1-1	31001000		7,78	1:8	14,5		2,4	5,8
		1C	BF2/1C	31001500		12		13,5		3	7,5
		1M	BF2/1M	31001200		11,80		16			8,5
		2	BF2	31000700				22		3,2	9,3
15	28x25	2T	BF2T	31000800	21			22,5	2	4	9,1
		2	BF2Z15	31001900		14,30				3,2	
17	32x28	2T	BF2TZ15	31002000				22		4	9,7
		2	BF2,5/2	31003300						3,2	
18	35x31	2T	BF2,5/2T	31003000						4	
		3	BF2,5	31002300		18,61	1:8	26			11,7
		2	BF3/2	31003900		14,30		22		3,2	9,7
		2T	BF3/2T	31004000						4	
20	40x36	3	BF3	31003500		18,61		26			12,5
		2	BF3,5/2	31005600		14,30		22		3,2	9,7
		2T	BF3,5/2T	31006200						4	
		3	BF3,5/3	31005800		18,61		26			12,5
23	48x44	3,5	BF3,5	31005400		21,08		32		4,8	15,1
		2	BF4/2	31007000		14,30		22		3,2	9,7
		2T	BF4/2T	31007100						4	
		3	BF4/3	31007200		18,61		26			12,5
		3,5	BF4/3,5	31007300		21,08		32		4,8	15,1
		4	BF4	31006600		27,61		42		6,4	18,7

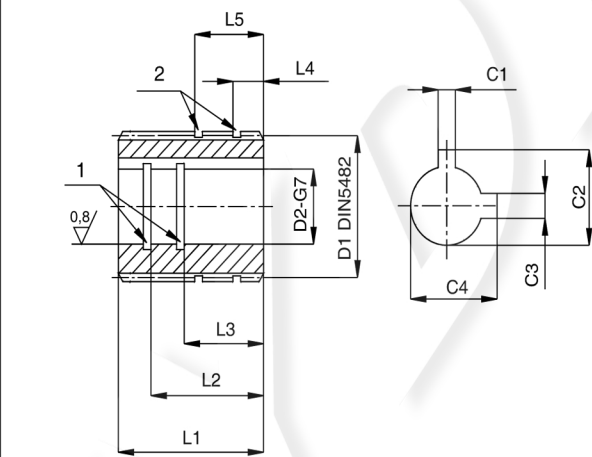
Semigiunti dentati serie BF per pompe con albero conico Series BF splined couplings for tapered pump shaft Manchons dentés serie BF pour pompes avec arbre conique Kupplingsnaben serie BF fuer pumpen mit konischer welle	Conicità Taper Conicité Kegel
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1 : 5



Riferimento pompe Pump reference Référence pompes Ordnungsgruppe	Sigla Model code Sigle Bestellzeichen	Codice Part number Matricule Bestellnummer	D1	N.denti Teeth numbers N.dents Zahnezahl	D2	L1	C1	C2	C3
ZB1	BF1B	31000600	20x17	12	7,60	12	2	1	
ZB1	BF2/1B	31001800	25x22	14		10			
ZF2	BF2B	31000900	28x25	15	12,90	20	3	1,9	9,2
ZF2	BF2BZ15	31002100		17					
ZF2	BF2,5/2B	31002800	32x28	18	15,20	24	4	2,1	
Ø20	BF2,5B	31002900	35x21		12,90	20	3	1,9	
ZF2	BF3/2B	31004100			15,20	24	4	2,1	
Ø20	BF3/2,5B	31005300			19,50	25	5		13,7
ZG3	BF3B	31003600							

Semigiunti dentati serie BF per pompe con albero cilindrico secondo norme SAE Series BF splined couplings for parallel shaft pumps according to SAE specifications Manchons dentés serie BF pour pompes avec arbre cylindrique a normes SAE Kupplingsnaben serie BF fuer pumpen mit zylindrischer welle nach SAE normen	SAE
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1-Sedi interne per anelli elastici DIN 472
1-Inside seats for DIN 472 circlips
1-Logement intérieur pour bagues d'arret DIN 472
1-Sicherungsring fuer Bohrung DIN 472

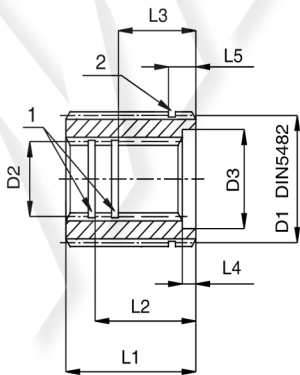
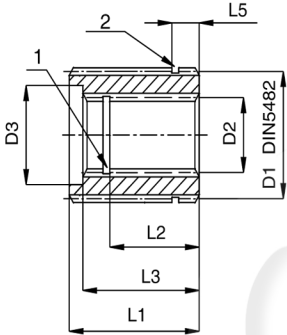
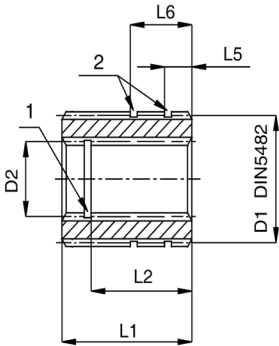
2-Sedi esterne per anelli elastici DIN 471
2-Outside seats for DIN 471 circlips
2-Logement extérieur pour bagues d'arret DIN 471
2-Sicherungasingring fuer Welle DIN 471

Sigla Model code Sigle Bestellzeichen	Codice Part number Matricule Bestellnummer	D1	N.denti Teeth numbers N.dents Zaehnezahl	D2	L1	L2	L3	Anello DIN 472 DIN 472 circlip Bague DIN 472 Sicherungsring DIN 472	L4	L5	Anello DIN 471 DIN 471 circlip Bague DIN 471 Sicherungsring DIN 471	C1	C2	C3	C4
BF3/A	31004700	35x31	18	19,05	48	41	26	"I" 19	13	27	"E" 34	4,8	21,2		
BF3/B-B1	31025700			22,22		40		"I" 22	14				24,5	6,4	25,2
BF3,5/A	31026100	40x36	20	19,05	41	36	23	"I" 19	9	13	"E" 40		21,2		
BF3,5/B-B1	31032800			22,22	45	32		"I" 22	4	10			24,5	6,4	25,2
BF4/A	31008700	48x44	23	19,05	49	40	26	"I" 19	8	25	"E" 48		21,2		
BF4/B-B1	31025400			22,22	50	42		"I" 22					24,5	6,4	25,2
BF4/C-C1	31025300			31,75	60	55	41	"I" 32		20,5			6,4	34,6	8

Semigiunti dentati serie BF per pompe con albero scanalato ad evolvente
Series BF splined couplings for involute splined shaft pumps
Manchons dentés serie BF pour pompes avec cannelé a flanc de developpante
Kupplingsnaben serie BF fuer pumpen mit evolventen zachnwelle

DIN 5482
SAE J 498

- 1-Sedi interne per anelli elastici DIN 472
1-Inside seats for DIN 472 circlips
1-Logement interieur pour bagues d'arret DIN 472
1-Sicherungsring fuer Bohrung DIN 472
- 2-Sedi esterne per anelli elastici DIN 471
2-Outside seats for DIN 471 circlips
2-Logement extérieur pour bagues d'arret DIN 471
2-Sicherungsgasring fuer Welle DIN 471



Profilo scanalato interno secondo le norme DIN 5482 Inside toothing according to the DIN 5482 specifications					Cannelure intérieure à normes DIN 5482 Innenzahn Profil nach DIN 5482 normen				
Sigla Model code Sigle Bestellzeichen	Codice Part number Matricule Bestellnummer	D1	N.denti Teeth numbers N.dents Zaehnezahl	D2	N.denti Teeth numbers N.dents Zaehnezahl	D3	L1	L4	
BF3/14	31017900	35x31	18	25x22	14		26		
BF3.5/16	31019900	40x36	20	30x27	16	30,5	43		
BF4/14	31007800	48x44	23	25x22	14	25	40	5	
BF4/16	31007900			30x27	16	30,5	43		
BF4/18	31008000			35x31	18	35,5	44		2
BF5/16	31011400	58x53	27	30x27	16	30,5	43	5	
BF5/18	31011500			35x31	18	35,5	46	4	
BF5/20	31010100			40x36	20	40,5	52	5	
BF5/22	31010200			45x41	22	45	62	6	
BF6/20	31013300			40x36	20	40,5	52	5	
BF6/22	31013500	72x66	33	45x41	22	45	62	6	
BF6/24	31012600			50x45	24	50	68	7	

Profilo scanalato interno secondo le norme SAE Inside toothing according to the SAE specifications										Cannelure intérieure à normes SAE Innenzahn Profil nach SAE normen									
Sigla Model code Sigle Bestellzeichen	Codice Part number Matricule Bestellnummer	D1	N.denti Teeth numbers N.dents Zaehnezahl	D2	Modulo Module Module Modul	N.denti Teeth numbers N.dents Zaehnezahl	D3	L1	L2	L3	L4	L5	L6	1	2				
BF3/13 16/32" DP	31004400	35x31	18	16/32"DP	1,587	13		35				5			E.34				
BF3/15 16/32" DP	31005200					15	26	40	32	35		7		1.22					
BF3.5/13 16/32" DP	31018000					13		35				5							
BF3.5/15 16/32" DP	31014700	40x36	20			16/32"DP	1,587	15	26	40	32	35		7		1.22	E.40		
BF4/13 16/32" DP	31007700							13	23	46	41,5		10	3,5		1.19			
BF4/15 16/32" DP	31009500							15	26	40	32	28	5	7		1.22			
BF4/21 16/32" DP	31014900	48x44	23					16/32"DP	1,587	21		50	40			6	20	1.32	E.48
BF4/14 12/24" DP	31009900			12/24"DP	2,116					14	32,5	49	45,2	40	8	8	16	1.28	
BF5/21 16/32" DP	31015000			16/32"DP	1,587					21	38	73	40	47				1.32	
BF5/23 16/32" DP	31017600	23	40							72	41	46					1.35	E.58	
BF5/14 12/24" DP	31012400	58x53	27	12/24"DP	2,166	14	32,5			49	45,2		8	8		1.28			

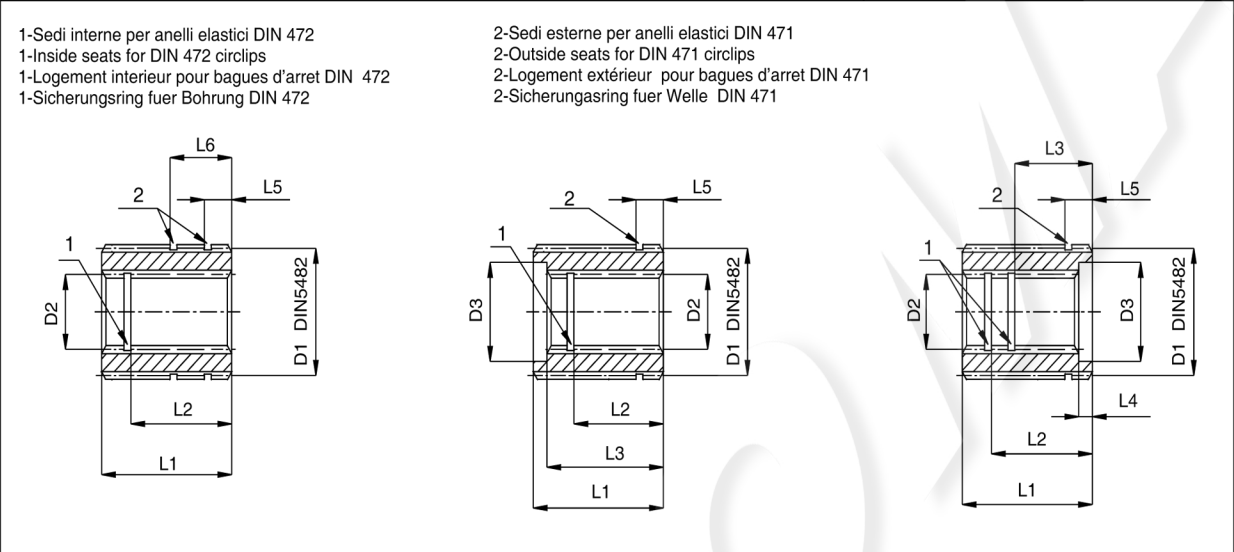
Semigiunti dentati serie BF per pompe con albero scanalato ad evolvente

Series BF splined couplings for involute splined shaft pumps

Manchons dentés serie BF pour pompes avec cannelé a flanc de developpante

Kupplingsnaben serie BF fuer pumpen mit evolventen zachnwelle

DIN 5480



Profilo scanalato interno secondo le norme DIN 5480

Inside toothing according to the DIN 5480 specifications

Cannelure intérieure à normes DIN 5480

Innenzahn Profil nach DIN 5480 normen

Sigla Model code Sigle Bestellzeichen	Codice Part number Matricule Bestellnummer	D1	N.denti Teeth numbers N.dents Zahnezahl	D2	D3	L1	L2	L3	L5	L6	1	2
BF3/18	5480	31035100	18	N 25x1,25x18x11 H	26	45		33				
BF4/14	5480	31021700	23	N 30x2x14x11 H	34	48		38	6			
BF4/16	5480	31021400		N 35x2x16x11 H	38	50	40	44	20		I.31	E.48
BF4/18	5480	31028700		N 25x1,25x18x11 H	32	56	26	30	23		I.22	
BF5/16	5480	31017700	27	N 35x2x16x11 H	37	68	40	48	20	35	I.31	E.58
BF5/18	5480	31026800		N 40x2x18x11 H		52						

Barre con profilo scanalato esterno secondo norme DIN 5482

Splined bars DIN 5482

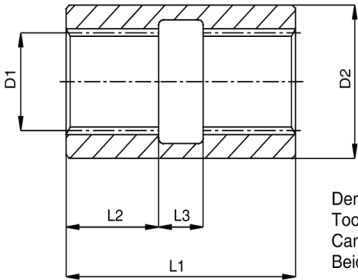
Barres cannelées DIN 5482

Aussenzahn Profil nach DIN 5482 Normen

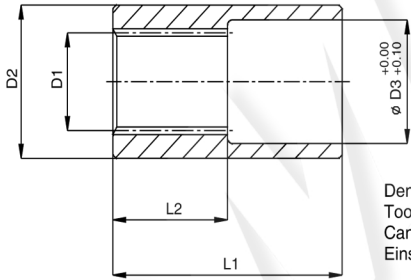
DIN 5482

Sigla Model code Sigle Bestellzeichen	Codice Part number Matricule Bestellnummer	D1 DIN 5482	N.denti Teeth numbers N.dents Zahnezahl
Cannello Z :12	34101100	20x17	12
Cannello Z :14	34100200	25x22	14
Cannello Z :15	34100300	28x25	15
Cannello Z :17	34101300	32x28	17
Cannello Z :18	34100400	35x31	18
Cannello Z :20	34100500	40x36	20
Cannello Z :23	34100700	48x44	23
Cannello Z :24	34100800	50x45	24
Cannello Z :27	34100900	58x53	27
Cannello Z :33	34101000	72x66	33
Cannello Z :36	34102300	80x74	36
Cannello Z :44	34102400	100x94	44

Giunti a manicotto serie BFM Series BFM splined sleeve couplings Accouplement à manchons serie BFM Kupplingsmuffen serie BFM	DIN 5482 DIN 5480 SAE J 498
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Dentatura su due lati
Toothting on two sides
Cannelure sur deux côté
Beidseitig verzahnt



Dentatura su un lato
Toothting on one side
Cannelure sur un côté
Einseitig verzahnt

Manicotti con profilo scanalato interno secondo norme DIN 5482 Sleeves teathed according to the DIN 5482 specifications				Manchons avec cannelure interieure à normes DIN 5482 Muffen mit innenzahnprofil nach DIN 5482				
Sigla Model code Sigle Bestellzeichen	Codice Part number Matricule Bestellnummer	D1	N.denti Teeth numbers N.dents Zahnezahl	D2	D3	L1	L2	L3
BFM1	31200500	20x17	12	25	20,5	50	25	
BFM2	31200600	25x22	14	32	25,5	60	30	
BFM2 doppio	31200700						20	20
BFM2Z15	31201300	28x25	15	34	28,5		30	
BFM2,5	31200800	32x28	17	39	32,5			
BFM3	31200900	35x31	18	42	35,5	71	29,5	12
BFM3 doppio	31201000			44				
BFM3,5	31201100	40x36	20	49,5	40,5	66	33	
BFM4	31201200	48x44	23	62	48,5	90	42	

Manicotti con profilo scanalato interno secondo norme DIN 5480 Sleeves teathed according to the DIN 5480 specifications							
Manchons avec cannelure interieure à normes DIN 5480 Muffen mit innenzahnprofil nach DIN 5480							
Codice Part number Matricule Bestellnummer	D1	Modulo Module Module Modul	N.denti Teeth numbers N.dents Zahnezahl	D2	D3	L1	L2
31203900	N30x2x14x11H	2	14	38	30,5	60	30
31203700	N35x2x16x11H		16	42	35,5		
31203800	N40x2x18x11H		18	49,5	40,5		

Manicotti con profilo scanalato interno secondo norme SAE Sleeves teathed according to the SAE specifications							
Manchons avec cannelure interieure à normes SAE Muffen mit innenzahnprofil nach SAE							
Codice Part number Matricule Bestellnummer	D1	Modulo Module Module Modul	N.denti Teeth numbers N.dents Zahnezahl	D2	D3	L1	L2
31203200	16/32" DP	1,587	13	30	23	50	25
31203300			15	32	26	60	30
31203500			21	42	35,5		
31203600			23	49	38,6	66	33
31203400	12/24" DP	2,116	12	34	28,5	60	30
31203100			14	39	32,5		