

Part number:

HYDROMA

HYDRAULICKÉ SYSTÉMY

**HIDROMA
SYSTEMS**

UKŁADY HYDRAULICZNE

HYDROMA

ГИДРАВЛИЧЕСКИЕ СИСТЕМЫ

ISO 16028/350 BAR

VALVOLA PIANA/ACCIAIO
FLAT FACE/STEEL
FLACHDICHTEND/STAHL
CLAPET PLAT/ACIER



Caratteristiche tecniche

I

- Norma: ISO 16028 (DN06→DN30)
- Occlusione: faccia piana
- Aggancio: sfere radiali
- Materiale: acciaio
- Finitura: Zn-Fe (Cr III) e Zn-Ni
- Filettature: BSP - NPT - SAE - METRICHE
- Guarnizioni standard: NBR e PU
- Temperatura d'esercizio: -25 °C +100 °C
- Guarnizioni opzionali: FKM, EPDM o altro.
- Pressioni di esercizio: 350-500 bar
- Connessione in pressione residua: non consentita

Technical data

E

- Standard: ISO 16028 (DN06→DN30)
- Occlusion: flat face
- Locking: radial balls
- Material: steel
- Finishing: Zn-Fe (Cr III) and Zn-Ni
- Threads: BSP - NPT - SAE - METRIC
- Standard seals: NBR and PU
- Working temperature: -25 °C +100 °C
- Optional seals: FKM, EPDM or more.
- Working pressure: 350-500 bar
- Connection under residual pressure: not allowed

Technische Merkmale

D

- Norm: ISO 16028 (DN06→DN30)
- Verschluss: flachdichtend
- Kupplung: Radial Kugeln
- Werkstoff: Stahl
- Ausführung: Zn-Fe (Cr III) und Zn-Ni
- Gewinde: BSP - NPT - SAE - METRISCHE
- Standard-Dichtungen: NBR und PU
- Betriebstemperatur: -25 °C +100 °C
- Dichtungen nach Wahl: FKM, EPDM, usw.
- Betriebsdruck: 350-500 bar
- Kuppeln unter Restdruck: nicht möglich

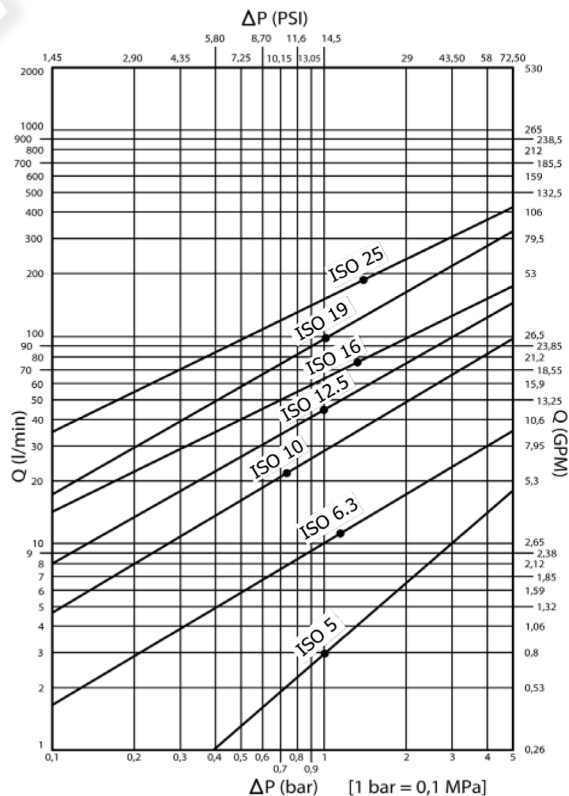
Caracteristiques techniques

F

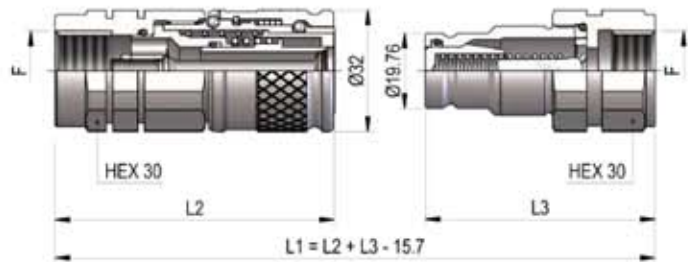
- Norme: ISO 16028 (DN06→DN30)
- Obturation: clapet plat
- Accrochage: billes radiales
- Matériel: acier
- Traitement: Zn-Fe (Cr III) et Zn-Ni
- Taraudage: BSP - NPT - SAE - METRIQUES
- Joints standard: NBR et PU
- Température de service: -25 °C +100 °C
- Joints facultatifs: FKM, EPDM, ect.
- Pression de service: 350-500 bar
- Connexion sous pression résiduelle: pas possible

Nominal size				Max working pressure	Rated flow	Max flow rate	Min burst pressure			Fluid spillage
DNP	BG	ISO	mm				Male	Female	Coupled	
04	0	5	4	50	3	9	250	210	250	0.006
06	1	6.3	6	40	12	24	190	190	190	0.008
13	2	10	8.6	35	23	46	150	170	160	0.010
20	3	12.5	10.7	35	45	90	170	150	170	0.012
22	4A	16	12.8	35	74	150	160	140	150	0.015
25	4	19	14.8	35	100	200	160	140	180	0.020
30	5	25	17.6	35	189	280	140	140	150	0.030

1 MPa = 145.04 psi • 1 l = 0.264 gal

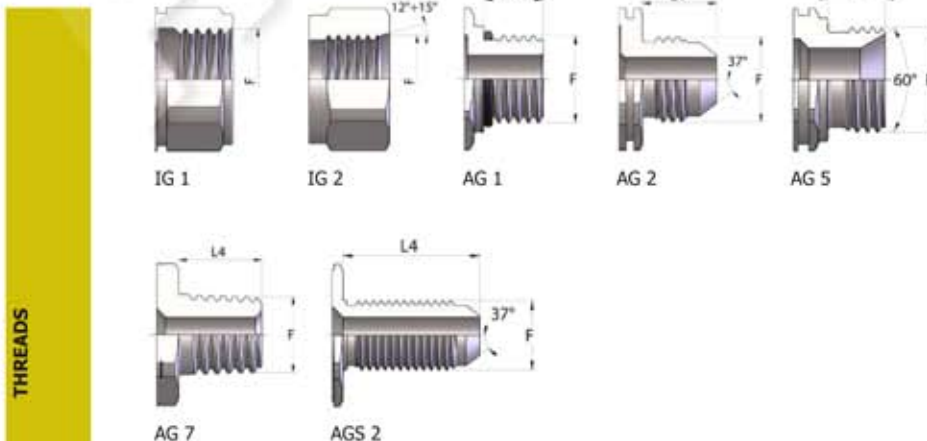


PLT4 DN13 - BG 2 - ISO 10



THREADS	L2	L3	L4	ØT	F	STANDARD	FEMMINA - FEMALE - MUFFE - FEMELLE			MASCHIO - MALE - STECKER - MALE		
							COD. F	Weight (g)	Packaging (pcs.)	COD. M	Weight (g)	Packaging (pcs.)
IG 1	73.5	60.5			BSP 1/4"	DIN 3852-2-X	PLT4.1306.112	319	60	PLT4.1306.113	168	60
	73.5	60.5			BSP 3/8"	DIN 3852-2-X	PLT4.1310.112	309	60	PLT4.1310.113	158	60
	73.5	63.5			NPT 3/8"	ANSI B1.20.3	PLT4.1310.012	311	60	PLT4.1310.013	184	60
	73.5	61.5			RC 3/8"	EN 10226	PLT4.1310.042	311	60	PLT4.1310.043	179	60
	73.5	60.5			BSP 1/2"	DIN 3852-2-X	PLT4.1313.112	294	60	PLT4.1313.113	154	60
	73.5	63.5			NPT 1/2"	ANSI B1.20.3	PLT4.1313.012	297	60	PLT4.1313.013	168	60
	74.5	65			RC 1/2"	EN 10226	PLT4.1313.042	301	60	PLT4.1313.043	175	60
	73.5	60.5			M14x1.5	DIN 3852-1-X	PLT4.1314.102	317	60	PLT4.1314.103	167	60
	73.5	60.5			M16x1.5	DIN 3852-1-X	PLT4.1316.102	312	60	PLT4.1316.103	160	60
	73.5	60.5			M18x1.5	DIN 3852-1-X	PLT4.1318.102	305	60	PLT4.1318.103	155	60
	73.5	60.5			M20x1.5	DIN 3852-1-X	PLT4.1320.102	301	60	PLT4.1320.103	157	60
IG 2	72	60.5			9/16-18 UNF 2B	SAE J 1926-1	PLT4.1315.032	309	60	PLT4.1315.033	165	60
	73.5	60.5			3/4"-16 UNF 2B	SAE J 1926-1	PLT4.1319.032	301	60	PLT4.1319.033	158	60
	74.5	64.5			7/8"-14 UNF 2B	SAE J 1926-1	PLT4.1323.032	287	60	PLT4.1323.033	159	60
	74.5	62.5			M16x1.5	SAE J 2244/1	PLT4.1316.112	311	60	PLT4.1316.113	175	60
	74.5	63.5			M22x1.5	SAE J 2244/1	PLT4.1322.102	293	60	PLT4.1322.103	162	60
AG 7	76.5	62.5	14		NPT 3/8"	ANSI B1.20.3	PLT4.1310.022	289	60	PLT4.1310.023	143	60
AG 1	74.5	60.5	13		M14x1.5	ISO 6149-2	PLT4.1314.222	286	60	PLT4.1314.223	134	60
	77.5	63.5	16		M20x1.5	ISO 6149-2	PLT4.1320.222	297	60	PLT4.1320.223	145	60
AG 5	77	62	12		BSP 3/8"	DIN 3852-2-B	PLT4.1310.212	293	60	PLT4.1310.213	136	60
	79	64.5	13		BSP 1/2"	DIN 3852-2-B	PLT4.1313.212	303	60	PLT4.1313.213	144	60
	74	58.5	11		M16x1.5	DIN 3863-U	PLT4.1316.702	283	60	PLT4.1316.703	128	60
	78	63.5	16		M20x1.5	DIN 3863-U	PLT4.1320.702	293	60	PLT4.1320.703	141	60
	76	61.5	14		M22x1.5	DIN 3863-U	PLT4.1322.702	290	60	PLT4.1322.703	138	60
AG 2	77.1	61.6	14.1		9/16"-18 UNF 2A	SAE J 514	PLT4.1315.302	283	60	PLT4.1315.303	126	60
	79.7	64.2	16.7		3/4"-16 UNF 2A	SAE J 514	PLT4.1319.302	291	60	PLT4.1319.303	139	60
AGS 2	100.6	85.1	37.6		3/4"-16 UNF 2A	SAE J 514	PLT4.1319.502	315	60	PLT4.1319.503	162	60
	104.1	88.6	41.1		7/8"-14 UNF 2A	SAE J 514	PLT4.1323.502	330	60	PLT4.1323.503	178	60

segue/follows/folgt/suite →

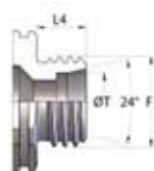


THREADS

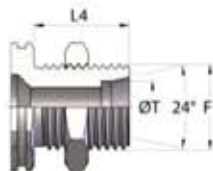
PLT4 DN13 - BG 2 - ISO 10

THREADS	L2	L3	L4	ØT	F	STANDARD	FEMMINA - FEMALE - MUFFE - FEMELLE			MASCHIO - MALE - STECKER - MALE		
							COD. F	Weight (g)	Packaging (pcs.)	COD. M	Weight (g)	Packaging (pcs.)
AG 3	72.5	57.5	10	Ø8L	M14x1.5	ISO 8434-1-L	PLT4.1314.302	278	60	PLT4.1314.303	126	60
	73.5	58.5	11	Ø10L	M16x1.5	ISO 8434-1-L	PLT4.1316.302	279	60	PLT4.1316.303	127	60
	73.5	58.5	11	Ø12L	M18x1.5	ISO 8434-1-L	PLT4.1318.302	280	60	PLT4.1318.303	125	60
	74.5	59.5	12	Ø15L	M22x1.5	ISO 8434-1-L	PLT4.1322.302	286	60	PLT4.1322.303	130	60
	74.5	59.5	12	Ø18L	M26x1.5	ISO 8434-1-L	PLT4.1326.302	301	60	PLT4.1326.303	138	60
	74.5	59.5	12	Ø10S	M18x1.5	ISO 8434-1-S	PLT4.1318.402	285	60	PLT4.1318.403	133	60
	74.5	59.5	12	Ø12S	M20x1.5	ISO 8434-1-S	PLT4.1320.402	288	60	PLT4.1320.403	135	60
	76.5	61.5	14	Ø14S	M22x1.5	ISO 8434-1-S	PLT4.1322.402	293	60	PLT4.1322.403	140	60
	76.5	61.5	14	Ø16S	M24x1.5	ISO 8434-1-S	PLT4.1324.402	296	60	PLT4.1324.403	141	60
	AGS 3	88.5	73.5	26	Ø8L	M14x1.5	ISO 8434-1-L	PLT4.1314.502	297	60	PLT4.1314.503	146
88.5		73.5	26	Ø10L	M16x1.5	ISO 8434-1-L	PLT4.1316.502	304	60	PLT4.1316.503	152	60
88.5		73.5	26	Ø12L	M18x1.5	ISO 8434-1-L	PLT4.1318.502	309	60	PLT4.1318.503	153	60
98.5		83.5	36	Ø12L	M18x1.5	ISO 8434-1-L	PLT4.1318.512	320	60	PLT4.1318.513	164	60
89.5		74.5	27	Ø15L	M22x1.5	ISO 8434-1-L	PLT4.1322.502	334	60	PLT4.1322.503	179	60
89.5		74.5	27	Ø18L	M26x1.5	ISO 8434-1-L	PLT4.1326.502	370	60	PLT4.1326.503	212	60
89.5		74.5	27	Ø10S	M18x1.5	ISO 8434-1-S	PLT4.1318.602	319	60	PLT4.1318.603	167	60
89.5		74.5	27	Ø12S	M20x1.5	ISO 8434-1-S	PLT4.1320.602	328	60	PLT4.1320.603	175	60
91.5		76.5	29	Ø14S	M22x1.5	ISO 8434-1-S	PLT4.1322.602	345	60	PLT4.1322.603	194	60
91.5		76.5	29	Ø16S	M24x1.5	ISO 8434-1-S	PLT4.1324.602	352	60	PLT4.1324.603	199	60

THREADS



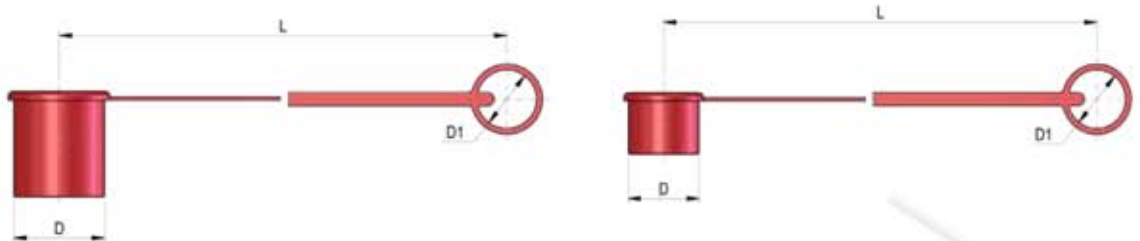
AG 3



AGS 3

PLASTIC CAPS

NOMINAL SIZE		FEMALE DUST PLUG				MALE DUST CAP				COLOR	MATERIAL			
DNP	BG	ISO	COD. F	Dimensions			Weight	COD. M	Dimensions			Weight		
				D	L	D1	(g)		D	L	D1	(g)		
06	1	6.3	SPLT.06002	32.5	200	20	16	SPLT.06003	26	200	20	13	●	PVC
13	2	10	SPLT.13002	37	200	26	21	SPLT.13003	27.5	200	26	15	●	PVC
20	3	12.5	SPLT.20002	43	200	31.5	29	SPLT.20003	35	200	31.5	26	●	PVC
25	4	19	SPLT.25002	53.5	265	35	51	SPLT.25003	43	265	35	41	●	PVC



NOMINAL SIZE		FEMALE DUST PLUG				MALE DUST CAP				COLOR	MATERIAL			
DNP	BG	ISO	COD. F	Dimensions			Weight	COD. M	Dimensions			Weight		
				D	L	D1	(g)		D	L	D1	(g)		
22	4A	16	SPLT.22002	47	200	32.5	34	SPLT.22003	38	200	32.5	30	●	PVC
30	5	25	SPLT.30002	62	280	48	75	SPLT.30003	51	270	48	60	●	PVC



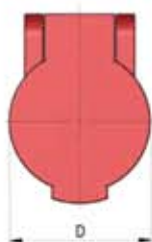
METAL CAPS

NOMINAL SIZE		FEMALE DUST PLUG				MALE DUST CAP				MATERIAL			
DNP	BG	ISO	COD. F	Dimensions			Weight	COD. M	Dimensions			Weight	
				D	L	D1	(g)		D	L	D1	(g)	
06	1	6.3	SPLT.06202	35	200	32	41	SPLT.06203	25	200	32	28	Aluminum
13	2	10	SPLT.13202	40	200	32	48	SPLT.13203	30	200	32	39	Aluminum
20	3	12.5	SPLT.20202	45	200	32	53	SPLT.20203	32	200	32	40	Aluminum
22	4A	16	SPLT.22202	50	200	32	63	SPLT.22203	35	200	32	43	Aluminum
25	4	19	SPLT.25202	55	275	47.5	74	SPLT.25203	40	275	47.5	66	Aluminum
30	5	25	SPLT.30202	65	275	47.5	126	SPLT.30203	45	275	47.5	71	Aluminum

*REALIZZATI SU RICHIESTA
DEL CLIENTE
*AVAILABLE ON REQUEST
*AUF ANFRAGE LIEFERBAR
*DISPONIBLES SUR
DEMANDE

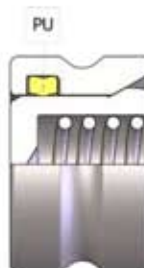
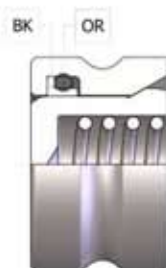


AUTOMATIC CAPS



NOMINAL SIZE		AUTOMATIC FEMALE CAP			Dimensions		Weight	COLOR	MATERIAL
DNP	BG	ISO	COD. F	D	S	(g)			
13	2	10	SPLT.13302	38	16.8	17	●	Nylon	
13	2	10	SPLT.13342	38	16.8	17	●	Nylon	
20	3	12.5	SPPV.13302	46	18.4	24	●	Nylon	
20	3	12.5	SPPV.13312	46	18.4	24	●	Nylon	
20	3	12.5	SPPV.13322	46	18.4	24	●	Nylon	
20	3	12.5	SPPV.13332	46	18.4	24	●	Nylon	
20	3	12.5	SPPV.13342	46	18.4	24	●	Nylon	

SPARE PARTS



NOMINAL SIZE			MALE GASKET	MALE GASKET	MALE GASKET
DNP	BG	ISO	OR (NBR*)	BK (PTFE)	PU (POLYURETHANE)
04	0	5	PLT.004.120	PLT.004.130	-
06	1	6.3	PLT.006.120	PLT.006.130	-
13	2	10	PLT.013.120	PLT.013.130	PLK.013.210
20	3	12.5	PLT.019.120	PLT.019.130	PVT.019.210
22	4A	16	PLT.022.120	PLT.022.130	PVT.022.210
25	4	19	PLT.025.120	PLT.025.130	PVT.025.210
30	5	25	PLT.031.120	PLT.031.130	PVT.030.210

* AL CODICE DELLA GUARNIZIONE IN NBR AGGIUNGERE 'E' PER EPDM O 'V' PER VITON

* TO THE NBR GASKET CODE ADD 'E' FOR EPDM OR 'V' FOR VITON

* ZU DER ARTIKELNR. DER NBR DICHTUNG GEBEN SIE 'E' FUER EPDM ODER 'V' FUER VITON AN

* AU CODE DU JOINT EN NBR JOINDRE 'E' POUR EPDM OU 'V' POUR VITON