

ORDERING

Please quote REF No. and TYPE when ordering (Note that EURO UNITS also require the Pattern to be specified)

TYPE 13

Carbon Steel Bearings,
Zinc Plated Pressings

TYPE 14

Nylon Load Bearings,
Zinc Plated Pressings

TYPE 15

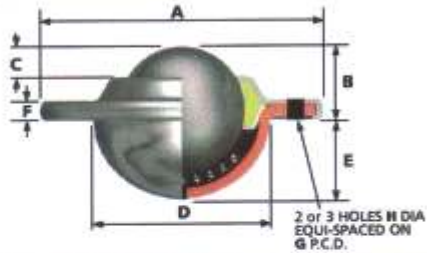
Stainless Steel
Bearings and
Pressings

TYPE 16

Stainless Steel
Bearings, Zinc
Plated pressings

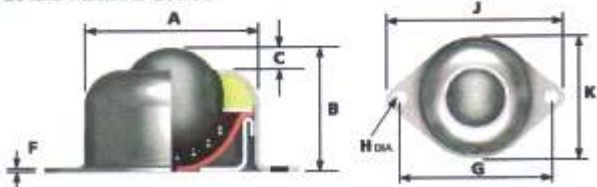
FLANGE AND BASE FIXING UNITS

FLANGE FIXING UNITS



BALL SIZE (mm)	REF N°	Weight (g)	DIMENSIONS (mm)								FIXING HOLES	SPECIAL FEATURES
			A	B	C	D	E	F	G	H		
19	3000 3006	87	61	10	3.2	29.1 ±0.2	12	3.2	44.5 ±0.2	5.1	2 3	Self cleaning hole Felt / foam seal
25	1000 1008	175	73	14.2	6.3	37.2 ±0.2	15.8	3	55.6 ±0.2	5.1	2 3	Self cleaning hole Felt / foam seal
32	1022 1035	265	73.7	16.2	8	45.5 ±0.2	19.9	4.2	58.7 ±0.2	5.1	3 2	Self cleaning hole Felt / foam seal

BASE FIXING UNITS

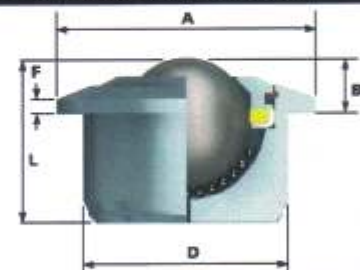


BALL SIZE (mm)	REF N°	Weight (g)	DIMENSIONS (mm)								FIXING HOLES	SPECIAL FEATURES
			A	B	C	F	G	H	J	K		
25	1006	160	44.5	30.5	6.3	1	60.3	5	68.3	50.8	2	Self cleaning hole

FLANGE / BASE UNIT LOADS: (Kg)

REF N°	TYPE 13		TYPE 14		TYPE 15		TYPE 16	
	LOAD UP	LOAD DOWN	LOAD UP	LOAD DOWN	LOAD UP	LOAD DOWN	LOAD UP	LOAD DOWN
3000, 3006	25	10	20	10	25	10	25	10
1000, 1008	55	25	25	10	55	25	55	25
1022, 1035	125	55	25	10	125	55	125	55
1006	55	25	25	10	55	25	55	25

HEAVY DUTY UNITS (SERIES 800)



BALL SIZE (mm)	REF N° & Type	LOAD (Kg)	DIMENSIONS (mm)				
			A	B	D	F	L
30	800 30 13	350	55	13.8	45	3.4	36.8
30	800 30 16	350	55	13.8	45	3.4	36.8
30	800 30 15	200	55	13.8	45	3.4	36.8
45	800 45 13	600	75	19	62	3.8	53.5

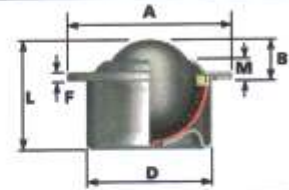
ALWAYSE Ball Units



EURO UNITS

PATTERN 0

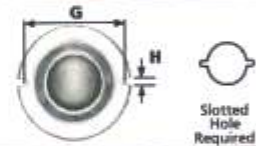
A seal is incorporated in all Euro Units. CL14 clips are available for fixing.



HOLE SIZES FOR CL 14 CLIPS			
15mm	22mm	30mm	45mm
24+1.0 +1.5	36+1.0 +1.5	45+1.0 +1.5	62+1.0 +1.5

PATTERN 1

Dimensions as type 0 but secured with pop rivets or screws



BALL UNIT	15	22	30	45
RIVET DIA		3.2		4

PATTERN 4

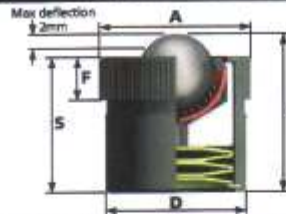
Dimensions as type 0 but with angled, domed flange top



BALL SIZE (mm)	REF N°	PATTERN	TYPE	LOAD (Kg)	Weight (g)	DIMENSIONS (mm)							
						A	B	M	D	L	F	G	H
15	515	0,1or 4	13	60	43	31	9.5	6.3	24	21	2.8	29	3.5
			14	10	28								
			15	38	43								
			16	60	43								
22	522	0,1or 4	13	160	132	45	9.8	5.5	36	30	2.8	42	3.5
			14	20	96								
			15	100	132								
			16	160	132								
30	530	0,1or 4	13	300	278	55	13.8	8.3	45	37	4	51	3.5
			14	25	182								
			15	195	278								
			16	300	278								

HEVI LOAD - SPRING LOADED UNITS

There are over 40 different spring loaded units in the Alwaysse range.



General spring rating tolerance ± 10%

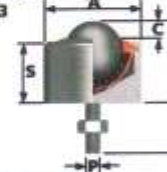
BALL SIZE (mm)	REF N°	SUPPORT LOAD (kg)	LOAD FOR MAX DEFL (kg)	MAXIMUM DEFLECTION (mm)	DIMENSIONS (mm)				
					A	B	D	F	S
12.7	7105	25	40	2	25.6	28.5	25.4	8	25.4

TUFF RANGE UNITS

PLAIN BODY PATTERN 21



SCREW FIXING PATTERN 23



BALL SIZE (mm)	REF N°	LOAD BALL UP (kg)	DIMENSIONS (mm)					
			A	B	C	N	P	S
12.7	0519/23	25	20	20	2	28	M6	17
12.7	0519/21	25	20	20	2	-	-	17
19.0	3019/23	50	30	30	4	25	M8	26
19.0	3019/21	50	30	30	4	-	-	26

THESE UNITS REPRESENT ONLY A SMALL SELECTION FROM THE ALWAYSE RANGE OF OVER 146 DIFFERENT BALL UNIT DESIGNS. CONTACT YOUR LOCAL DEALER FOR MORE INFORMATION ON THE FULL RANGE.

General Tolerance unless stated ±0.3mm