



SIRKEN UNIVERSAL

BALL TECH

Precautions when using universal balls

1. Before use, make sure to apply lubricating oil.
2. For upward-facing universal balls, the ideal ratio for heavy-duty workpieces is 2/3" to the weight of the workpiece, whereas for the lighter universal ball in the punch, a ratio of 1/2" is preferable. For downward-facing universal balls, a ratio of 1/2" is recommended.
3. Regarding the contact surface with the universal ball, the surface condition is crucial due to the friction coefficient and starting resistance.
 - (a) A smooth iron plate with a hardness of HRC62° is optimal.
 - (b) Different materials exhibit varying starting impedance values, affecting the load-bearing capacity.
 - (c) When dealing with wood, distributing the load with multiple contact points is advisable. Additionally, for easier transportation of goods, installing an iron plate at the bottom is recommended.
4. The transmission of object weight should be distinguished into three aspects:
 1. Precise horizontal alignment of the ball bearings with at least three (preferably four) balls.
 2. Consideration of surface hardness.
 3. The circumstances under which the object is being transmitted are all factors that need to be taken into account.
5. Arrangement methods:
 - (a) Horizontal arrangement method.
 - (b) Diamond arrangement method, which helps prevent the objects from leaning to one side and causing uneven distribution.

Friction coefficient: When the speed is 1 meter per second, the friction is approximately 0.005y. According to the universal ball, the temperature resistance might be around 60°C. It's evident that as the temperature increases, the load capacity decreases.
6. Moderate cleaning can be performed using cleaning agents and WD40. Apply lubricating oil before use.
7. When dealing with uneven surfaces on workpieces, utilizing universal balls with attached springs can help absorb varying loads.
8. Customized silent universal balls can be manufactured for various applications.

Applications and Considerations

Examples of Applications:

1. Static and dynamic transmission systems, such as screening and packaging systems, loaders, containers, positioning of conveyors, etc.
2. For sheet metal machinery like shearing machines, rolling mills, and bed dismantlers, when using universal balls to load transport platforms, metal sheets can be easily and accurately pushed or pulled in through rolling friction (non-sliding friction). For instance, during the large hydraulic pressing of automotive sheet metal, universal balls fitted with springs on the workbench allow the molds to move in and out through rolling friction. Once the molds are positioned and clamped, the universal balls are rolled into the workbench, securing the molds in place. In the case of large workpieces and metal machinery requiring center corrections, such as drilling machines, punch presses, turning machines, and milling machines, universal balls can efficiently transport bulky molds to the desired working position for operators. They can be employed across various industries, particularly in the aviation sector, significantly saving time in handling goods.

Quantity and Arrangement of Universal Balls:

The quantity and installation of universal balls depend on the load capacity, size, and load surface conditions. Upward-facing universal balls should be $\frac{2}{3}$ " while downward-facing ones should be $\frac{1}{2}$ " in ratio to the weight of the workpiece in relation to the load capacity of the universal ball.

Load Capacity:

Consideration should be given to the maximum load weight and the height tolerance of the minimum load surface. For a hard load surface and assuming only three universal balls are bearing the load, the required load force per ball is the load weight divided by 3. When using springs in the universal balls or having an elastic load surface, careful attention to safety factors is necessary. Increasing the number of universal balls for support is essential in such cases. In this scenario, the load weight is divided by the number of universal balls and the load force required for each ball.

Spacing:

To ensure consistent load surface contact on the universal balls without slippage, the distance between the universal balls should be the minimum edge of the load surface divided by 2.5.

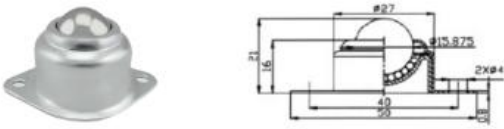
Friction:

At a velocity of 1 meter per second, the friction is approximately 0.005y. Depending on the type and condition of the universal ball application, friction can vary significantly.

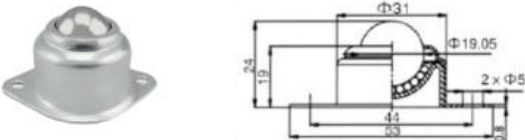
Temperature Resistance:

Universal balls with steel ball bearings and felt sealing rings can withstand temperatures of up to 1000°C, while those with plastic ball bearings and special sealing rings have a temperature resistance of up to 60°C. Hence, higher temperatures result in a relatively reduced load capacity.

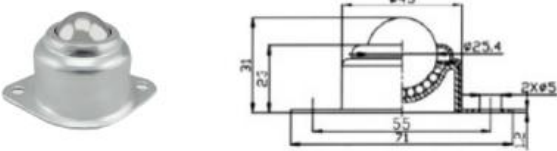
Stamping universal ball CY series can be made into steel balls, nylon balls, stainless steel balls/shell materials, steel, stainless steel



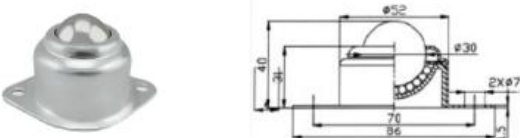
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
CY-15A	1001	10kg	15kg	38g




TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
CY-19A	1002	20kg	30kg	58g



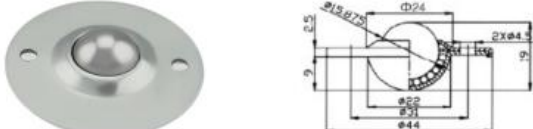
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
CY-25A	1003	30kg	40kg	130g



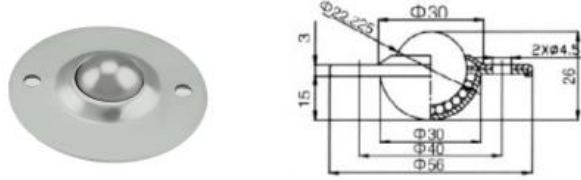
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
CY-30A	1004	65kg	80kg	240g



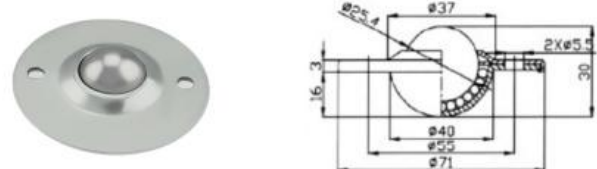
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
CY-38A	1005	90kg	110kg	480g



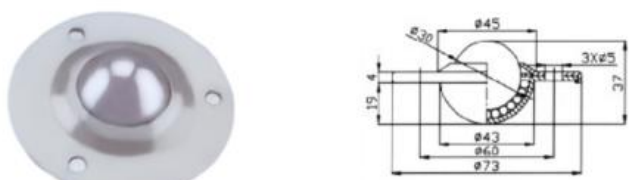
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CY-16B	1006	15kg	20kg	40g



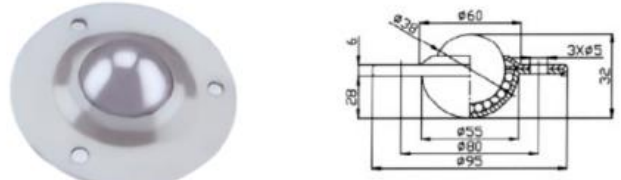
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
CY-22B	1007	25kg	35kg	90g



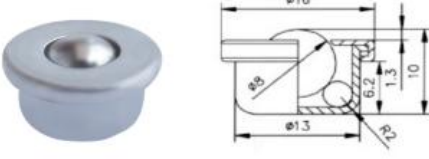
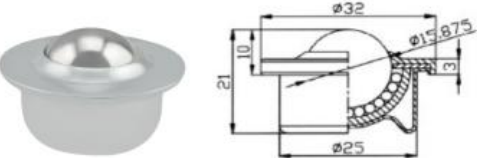
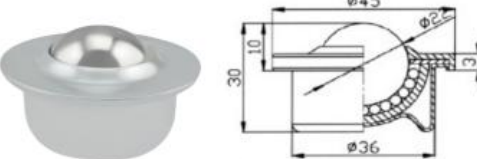

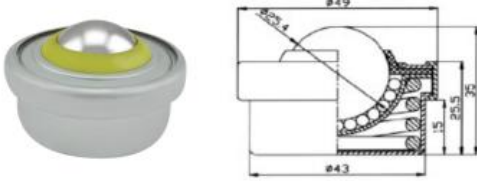
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CY-25B	1008	35kg	45kg	150kg

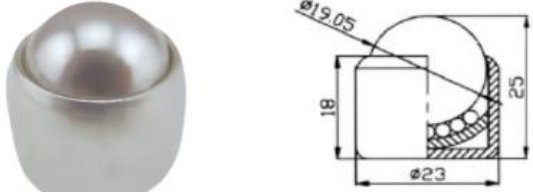
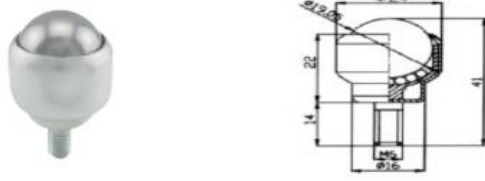
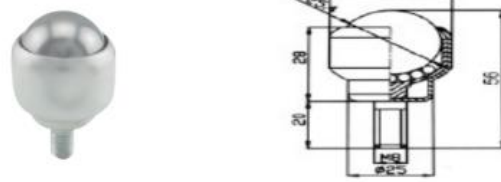
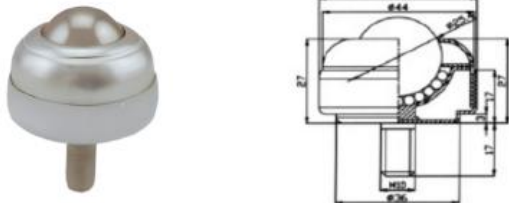



TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
CY-30B	1009	75kg	95kg	220g

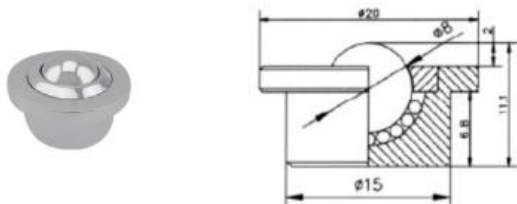


TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
CY-38B	1010	100kg	120kg	430g

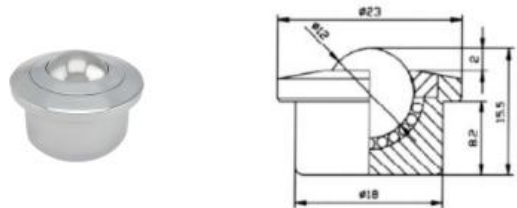
				
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
CY-8H	1011	5kg	8kg	5g
				
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
CY-15H	1012	15kg	25kg	44g
				
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
CY-22H	1013	40kg	55kg	120g
				
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
CY-30H	1014	70kg	85kg	
				
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
CY-25T	1015	45kg	55kg	160g

				
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
CY-19C	1016	35kg	45kg	45g
				
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
CY-19D	1017	25kg	35kg	50g
				
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
CY-25D	1018	35kg	45kg	130g
				
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
CY-25F	1019	40kg	50kg	170g
				
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
CY-40F(car-made)	1020	400kg	500kg	460g

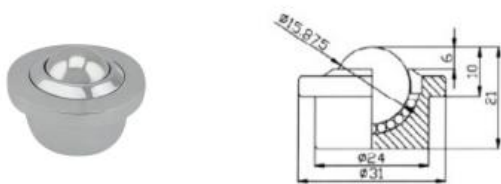
Heavy Duty Universal Ball SP Series



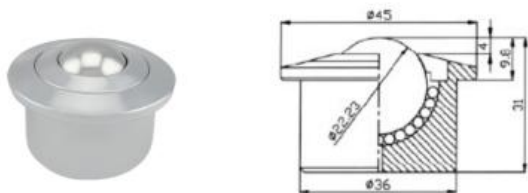
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
SP-8	2001	10kg	15kg	15g



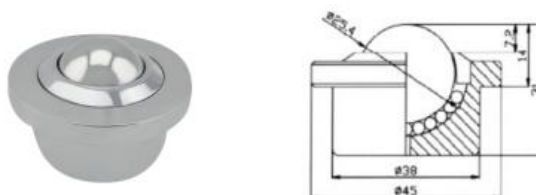
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
SP-12	2002	30kg	40kg	35g



TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
SP-15	2003	60kg	75kg	60g

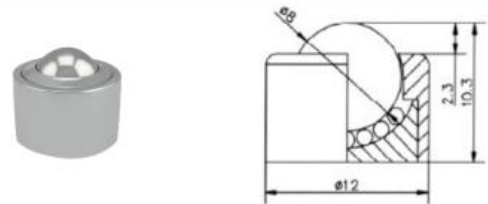


TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
SP-22	2004	180kg	200kg	190g

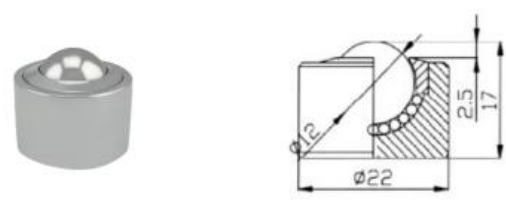


TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
SP-25	2005	200kg	220kg	250g

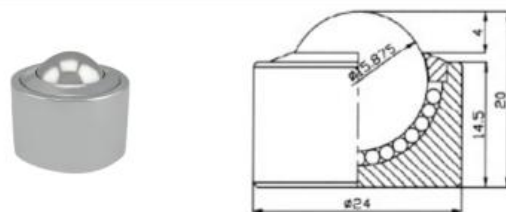
Heavy Duty Universal Ball KSM Series



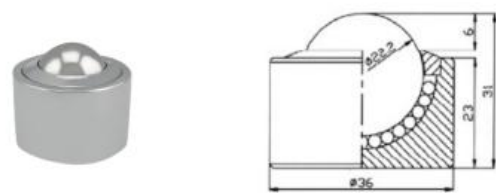
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
KSM-8	2006	10kg	15kg	6g



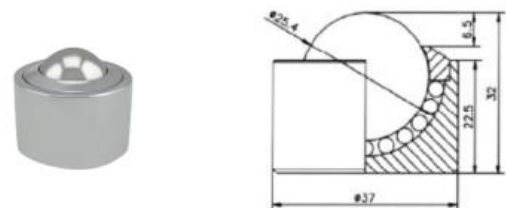
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
KSM-12	2007	30kg	40kg	35g



TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
KSM-15	2008	60kg	75kg	50g



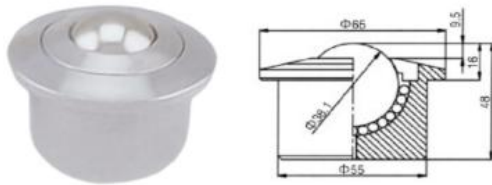
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
KSM-22	2009	180kg	200kg	185g



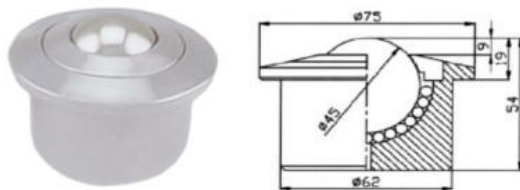
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
KSM-25	2010	200kg	220kg	190g

Heavy Duty Universal Ball **SP Series**

TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
SP-30	2011	300kg	350kg	380g



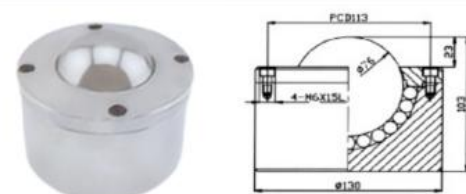
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
SP-38	2012	400kg	500kg	620g



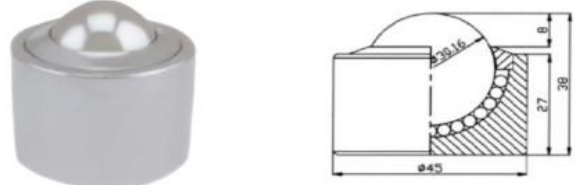
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
SP-45H	2013	500kg	600kg	1.1kg



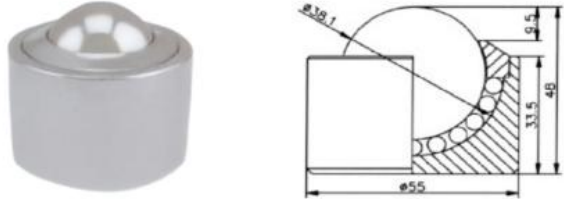
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
SP-60	2014	1400kg	1600kg	3.8kg



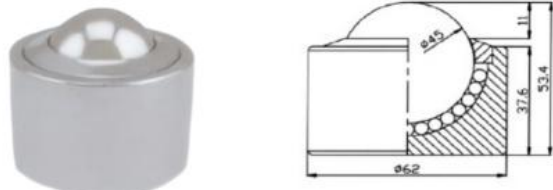
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
SP-76	2015	2500kg	2800kg	10kg

Heavy Duty Universal Ball **KSM Series**

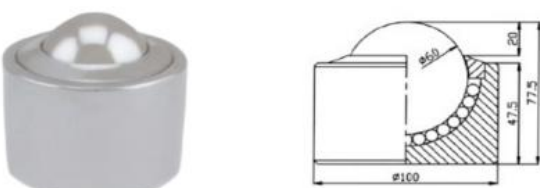
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
KSM-30	2016	300kg	350kg	340g



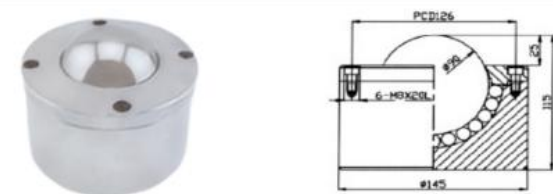
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
KSM-38	2017	400kg	450kg	560g



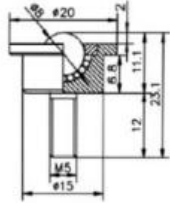
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
KSM-45	2018	500kg	600kg	900g



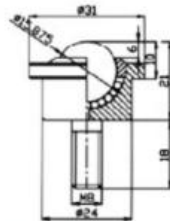
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
KSM-60	2019	1400kg	1600kg	2.1kg



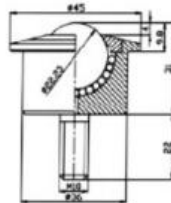
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
SP-90	2020	350kg	400kg	12kg

Heavy Duty Universal Ball With Rod **SP-FL Series**

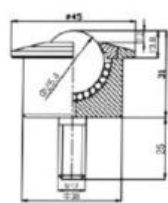
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
SP8-FL	2021	10kg	15kg	20g



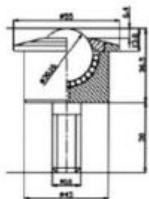
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
SP15-FL	2022	60kg	75kg	85g



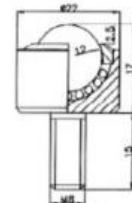
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
SP22-FL	2023	180kg	200kg	250g



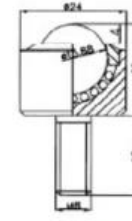
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
SP25-FL	2024	200kg	220kg	290g



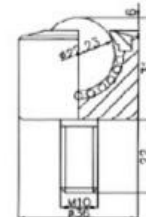
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
SP30-FL	2025	300kg	350kg	410g

Heavy Duty Universal Ball With Rod **KSM-FL Series**

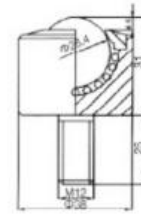
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
KSM12-FL	2026	30kg	40kg	40g



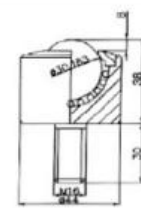
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
KSM15-FL	2027	60kg	75kg	55g



TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
KSM22-FL	2028	180kg	200kg	190g

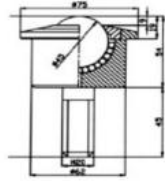


TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
KSM25-FL	2029	200kg	220kg	190g

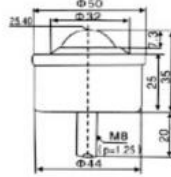


TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
KSM30-FL	2030	300kg	350kg	340g

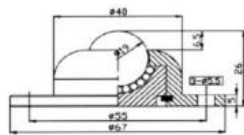
Refined Gravity IS Series



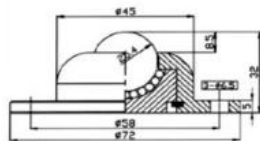
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SP45-FL	2031	500kg	600kg	1.15kg



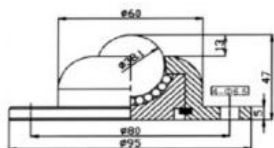
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
SP25-FK	2032	200kg	220kg	350g



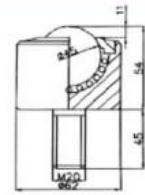
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
IA-19	2033	100kg	120kg	220g



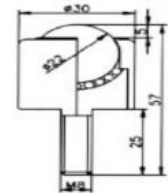
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
IA-25	2034	150kg	180kg	320g



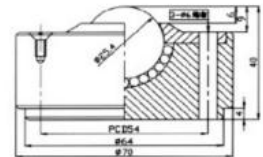
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
IA-38	2035	250kg	300kg	810g



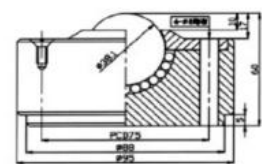
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
KSM45-FL	2036	500kg	600kg	900g



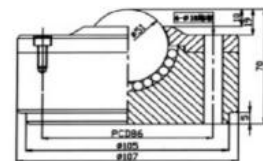
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
SP22-FK	2037	180kg	200kg	370kg



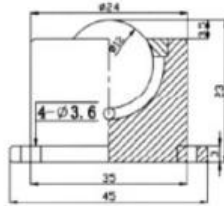
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
IS-25	2038	150kg	180kg	900g



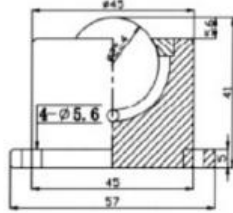
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
IS-38	2039	250kg	300kg	2.3kg



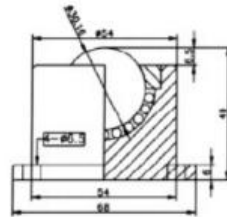
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
IS-51	2040	300kg	380kg	8.5kg

Using Upward Facing Universal Ball **SD Series**

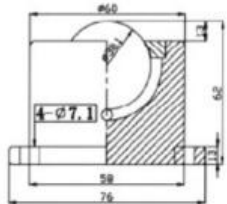
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
SD-12	3001	20kg	25kg	180g



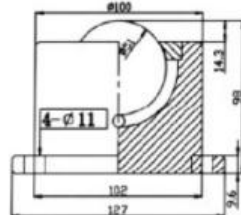
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
SD-25	3002	200kg	250kg	490g



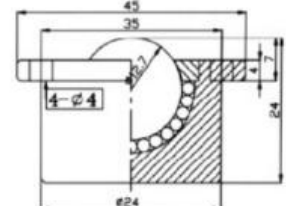
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
SD-30	3003	300kg	380kg	1.2kg



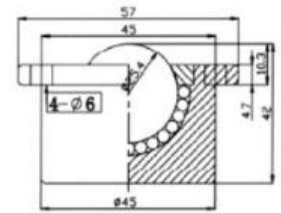
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
SD-38	3004	400kg	500kg	1.8kg



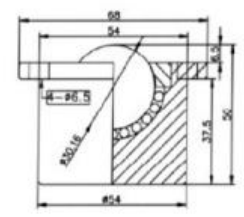
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
SD-51	3005	700kg	850kg	5.6kg

Using Upward Facing Universal Ball **SI Series**

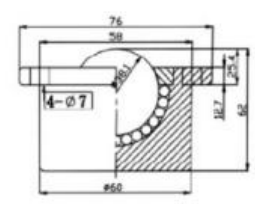
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
SI-12	3006	20kg	25kg	100g



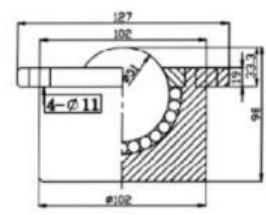
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
SI-25	3007	200kg	250kg	490g



TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
SI-30	3008	300kg	380kg	1.1kg

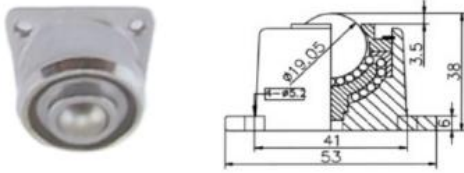


TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
SI-38	3009	400kg	500kg	1.4kg

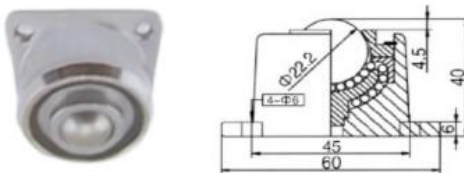


TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
SI-51	3010	700kg	850kg	6.4kg

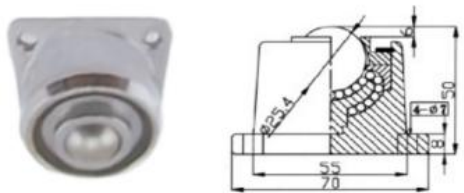
Using Downward Facing Universal Ball IK Series



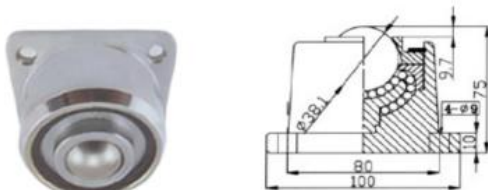
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
IK-19B	4001	60kg	75kg	370g



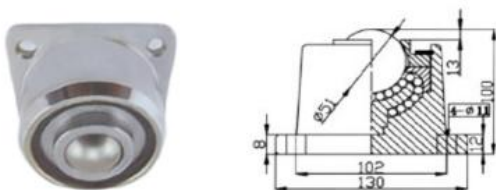
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
IK-22B	4002	100kg	120kg	750g



TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
IK-25B	4003	150kg	180kg	900g

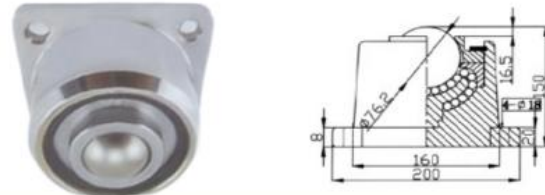


TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
IK-38B	4004	200kg	250kg	2.6kg

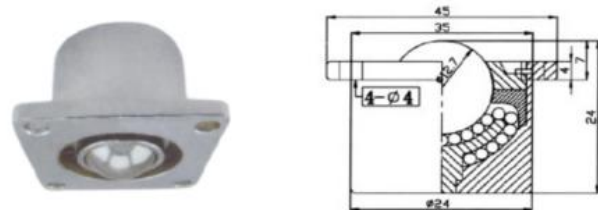


TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
IK-51B	4005	450kg	550kg	5.3kg

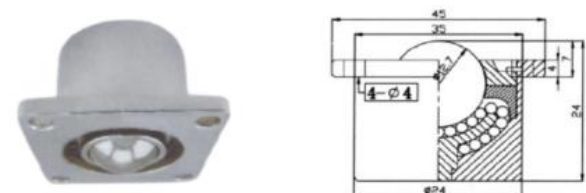
Using Downward Facing Universal Ball UK-T Series



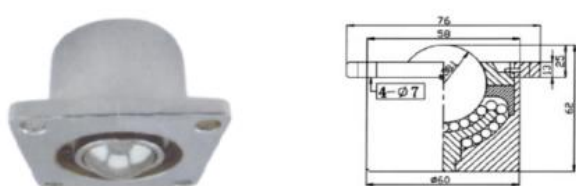
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
UK-76B	4006	700kg	800kg	19.6kg



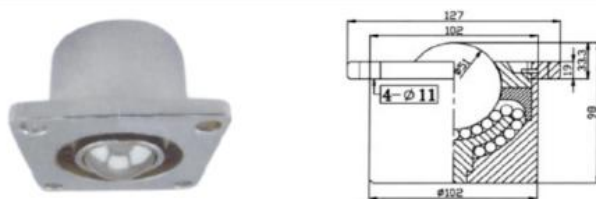
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
UK-12	4007	20kg	30kg	180g



TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
UK-25	4008	100kg	120kg	460g

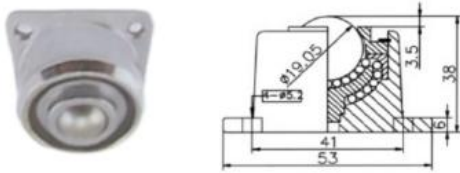


TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
UK-38	4009	200kg	250kg	2.9kg

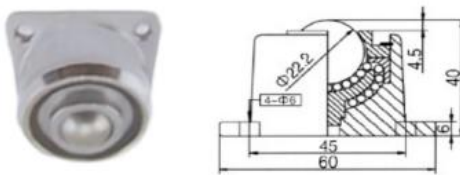


TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
UK-51	4010	300kg	350kg	5.5kg

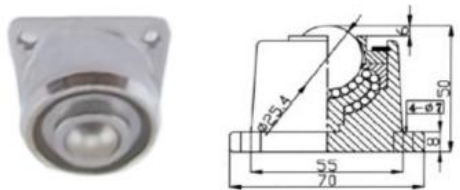
Using Downward Facing Universal Ball IK Series



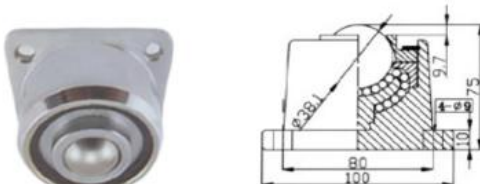
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
IK-19B	4001	60kg	75kg	370g



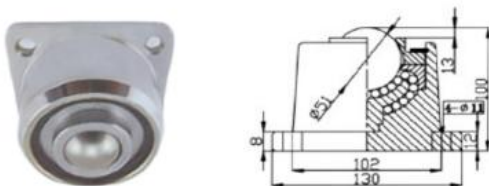
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
IK-22B	4002	100kg	120kg	750g



TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
IK-25B	4003	150kg	180kg	900g

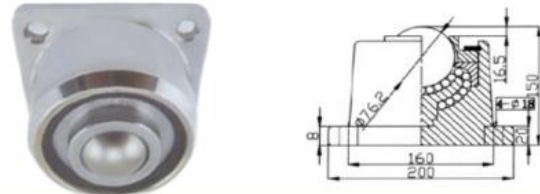


TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
IK-38B	4004	200kg	250kg	2.6kg

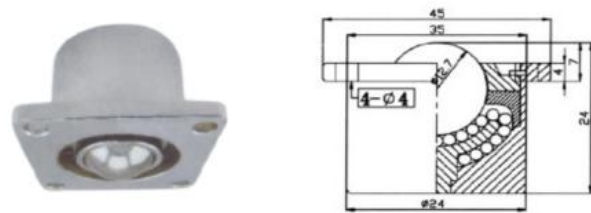


TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
IK-51B	4005	450kg	550kg	5.3kg

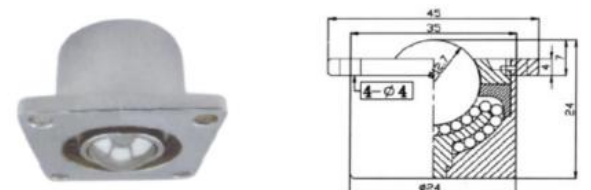
Using Downward Facing Universal Ball UK-T Series



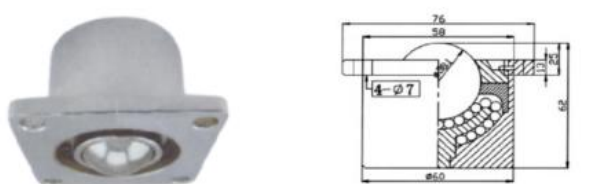
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
UK-76B	4006	700kg	800kg	19.6kg



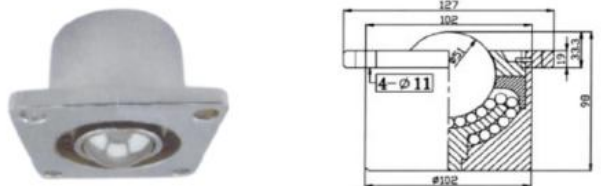
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
UK-12	4007	20kg	30kg	180g



TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
UK-25	4008	100kg	120kg	460g

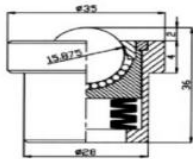


TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
UK-38	4009	200kg	250kg	2.9kg

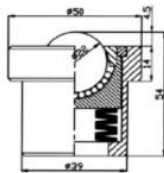


TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
UK-51	4010	300kg	350kg	5.5kg

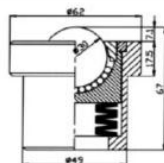
Shock Absorbing Universal Ball KSF Series



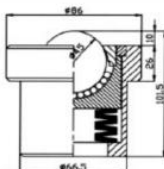
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	COMPRESSION LOAD	UNIT WEIGHT
KSF-15	6001	60kg	70kg	40kgf	130g



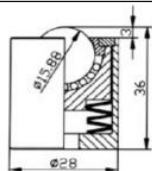
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	COMPRESSION LOAD	UNIT WEIGHT
KSF-22	6002	80kg	100kg	60kgf	350g



TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	COMPRESSION LOAD	UNIT WEIGHT
KSF-30	6003	150kg	200kg	120kgf	768g

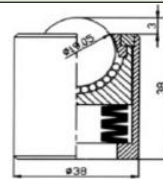


TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	COMPRESSION LOAD	UNIT WEIGHT
KSF-45	6004	300kg	350kg	200kgf	2.12kg

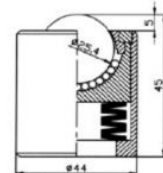


TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	COMPRESSION LOAD	UNIT WEIGHT
KSH-15	6005	60kg	70kg	50kgf	120g

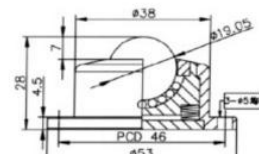
Shock Absorbing Universal Ball KSH Series



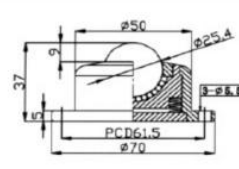
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	COMPRESSION LOAD	UNIT WEIGHT
KSH-20	6006	80kg	100kg	70kgf	280g



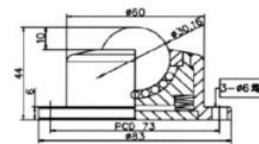
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	COMPRESSION LOAD	UNIT WEIGHT
KSH-30	6007	150kg	200kg	100kgf	390g



TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	COMPRESSION LOAD	UNIT WEIGHT
KSF-19B	6008	150kg	200kg	100kgf	390g




TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	COMPRESSION LOAD	UNIT WEIGHT
KSF-25B	6009	100kg	150kg	100kgf	400g

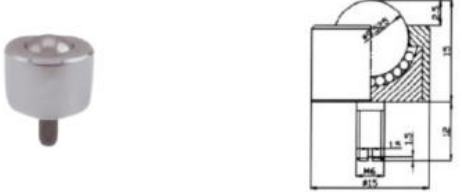


TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	COMPRESSION LOAD	UNIT WEIGHT
KSF-30B	6010	200kg	250kg	150kgf	1.1kg

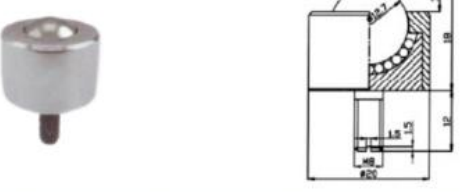
Exquisite Threaded Universal Ball D Series




TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
D-2H	7001	5kg	6kg	35g




TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
D-3H	7002			




TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
D-4H	7003	8kg	10kg	55g




TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
D-5H	7004	15kg	20kg	60g



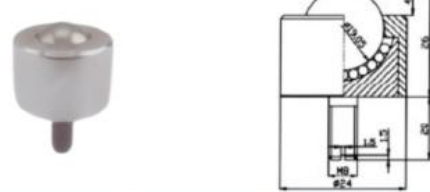
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
D-5HC	7005	16kg	20kg	55g



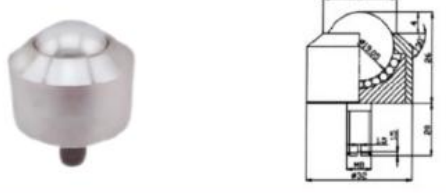
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
D-5HT	7006	16kg	20kg	120g




TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
D-5HR	7007	16kg	20kg	65g



TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
D-6H	7008	40kg	50kg	130g

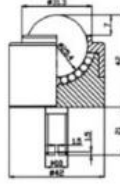


TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
D-6HT	7009	40kg	50kg	150g

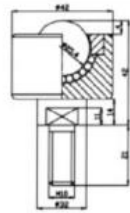


TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
D-6HR	7010	50kg	60kg	160g

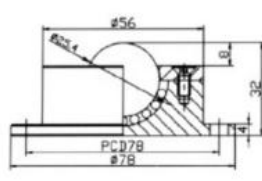
Exquisite Threaded Universal Ball D Series



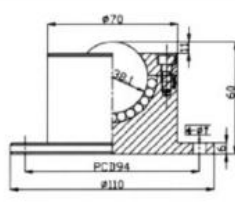
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
D-8H	7011	100kg	150kg	210g



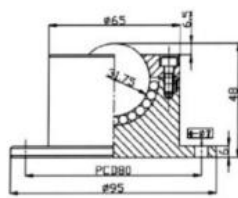
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
D-8HN	7012	100kg	150kg	230g



TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
D-8HA	7013	100kg	150kg	450g

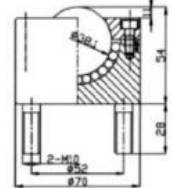


TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
D-10H	7014	200kg	250kg	890g

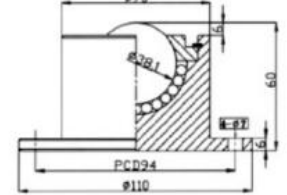


TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
D-12H	7015	300kg	350kg	1.2kg

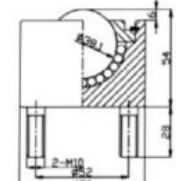
Flange Universal Ball D Series



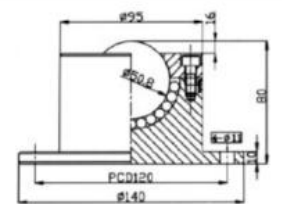
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
D-12HA	7016	250kg	300kg	980g



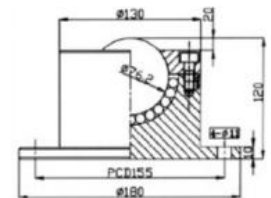
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
D-12HR	7017	300kg	350kg	1.1kg



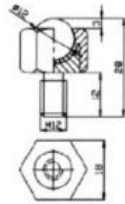
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
D-12HAR	7018	250kg	300kg	890g



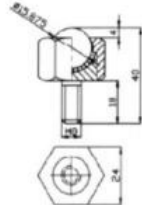
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
D-16H	7019	300kg	400kg	4.5kg



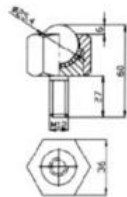
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
D-24H	7020	600kg	800kg	13kg

Hexagonal Universal Ball **NJ Series**

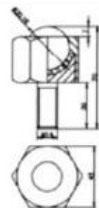
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
NJ-12	8001	5kg	10kg	25g



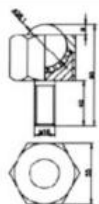
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
NJ-16	8002	10kg	15kg	150g



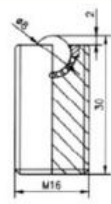
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
NJ-25	8003	60kg	80kg	210g



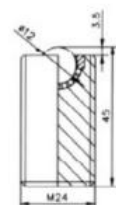
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
NJ-30	8004	150kg	200kg	230g



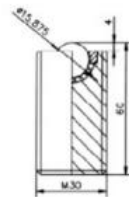
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
NJ-38	8005	250kg	300kg	460g

Fully Threaded Universal Ball **LW Series**

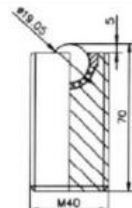
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
LW-8	8006	5kg	8kg	20g



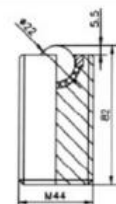
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
LW-12	8007	12kg	15kg	30g



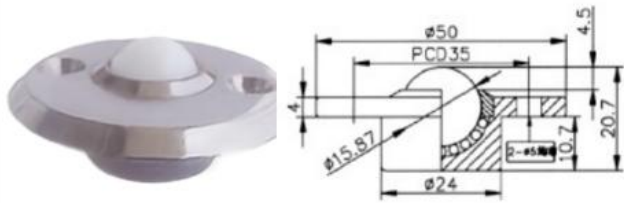
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
LW-16	8008	20kg	25kg	38g



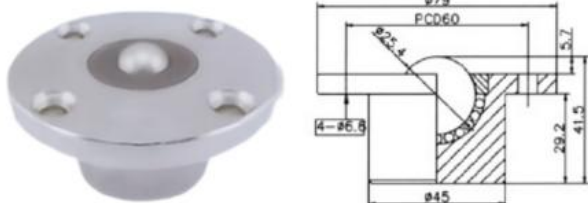
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
LW-19	8009	25kg	30kg	160g



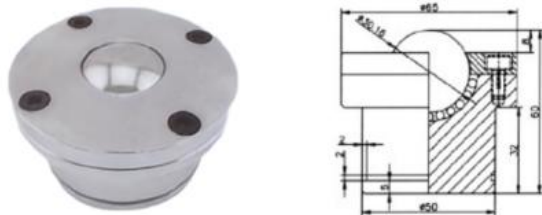
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
LW-22	8010	40kg	45kg	280g

Customized Special Non-standard Universal Ball **FB** Series

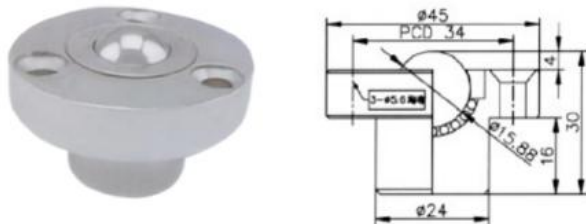
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
FB-001	9001	5kg	8kg	60g



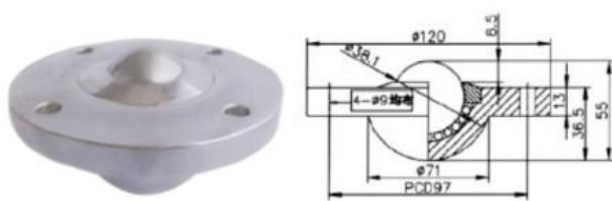
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
FB-002	9002	100kg	150kg	720g



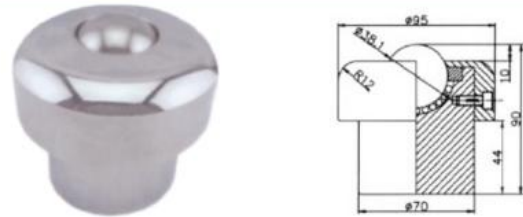
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
FB-003	9003	80kg	100kg	1.2kg



TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
FB-004	9004	35kg	40kg	150g



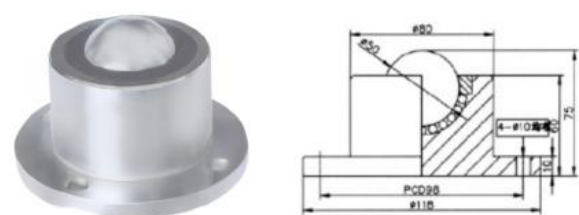
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
FB-005	9005	250kg	300kg	1.7kg



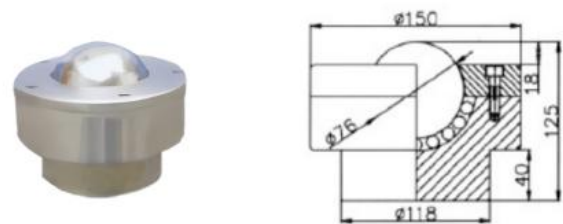
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
FB-006	9006	300kg	350kg	3.2kg



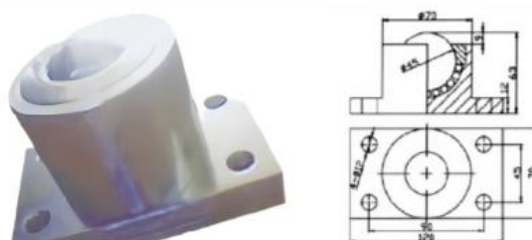
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
FB-007	9007	400kg	500kg	2.62kg



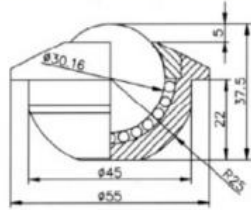
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
FB-008	9008	350kg	450kg	2.2kg



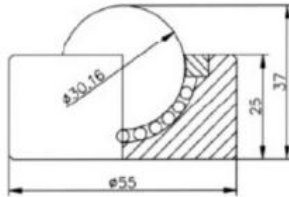
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
FB-009	9009	1500kg	2000kg	6.5kg



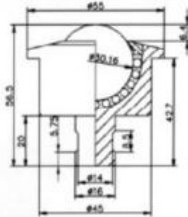
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
FB-010	9010	300kg	350kg	8.2kg

Customized Special Non-standard Universal Ball **FB** Series

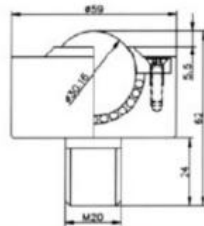
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
FB-011	9011	250kg	300kg	320g



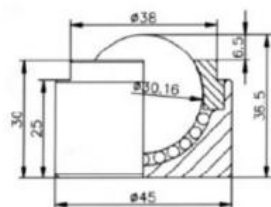
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
FB-012	9012	250kg	300kg	450g



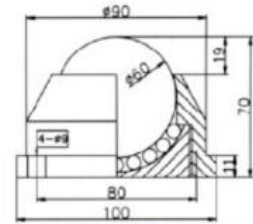
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
FB-013	9013	200kg	250kg	600g



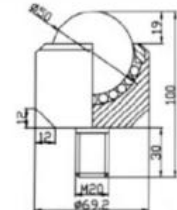
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
FB-014	9014	200kg	250kg	1.4kg



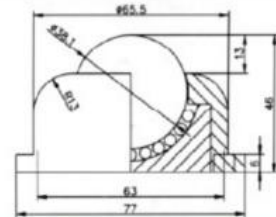
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
FB-015	9015	250kg	300kg	430g



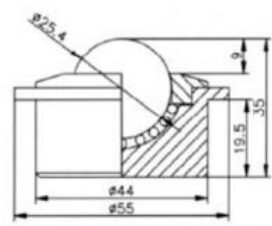
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
FB-016	9016	600kg	800kg	2.5kg



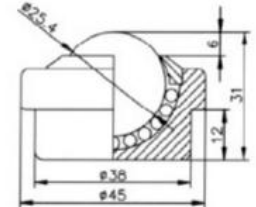
TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
FB-017	9017	400kg	500kg	1.5kg



TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
FB-018	9018	400kg	450kg	890g



TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
FB-019	9019	20kg	30kg	330g



TYPE	SERIAL NUMBER	UNITARY LOAD	ALLOWABLE LOAD	UNIT WEIGHT
FB-020	9020	200kg	250kg	250g

**The product will continuously update and go live.
Please follow SIRKEN UNIVERSAL BALL TECH for
further updates.**

