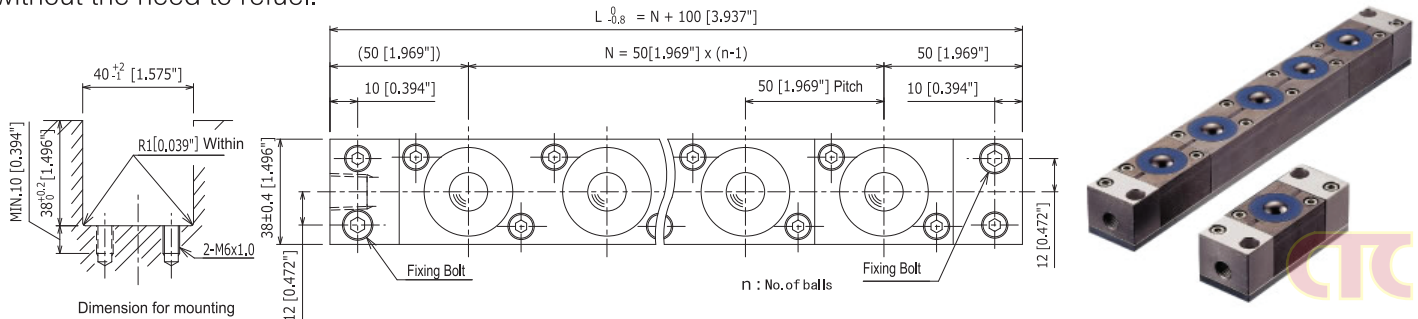


Ball Transfer Systems

Ball Transfer

Ball Transfer Units are a multi - Directional material handling system for use where loads need to be moved, Precisely and with minimum effort in any direction. **Lubrication** - Each unit is Pre - Lubricated during manufacture and normally does not require further attention. In certain instances we will advise on lubrication. Greasing or oil points can be incorporated in some units. There are various methods of fixing ball units. A wide range of fittings enables them to be used with various materials.

Materials - Ball units are available in various materials. The material required for your ball units should be quoted when ordering. Multi direction air ball lifter - Ball lifter is a pneumatic combination unit of precisely machined ball transfer and air pressure cylinder, Air ball lifter enables to lift up with air pressure and turn heavy items with minimal load. This is an economical, User friendly and laborsaving system. Clean environment if can be used in clean rooms without the need to refuel.



Number	Price ฿	Ball Lifter Length L (mm)	No. of Balls n	Lifting Ability Per Ball Lifter (kN(kgf))		
				Supplied Pressure MPa (kgf/cm ²)		
				0.4(4.08)	0.5(5.10)	0.6(6.12)
138R 0121	—	100	1	0.32(33)	0.41(42)	0.51(52)
138R 0123	—	200	3	0.97(99)	1.23(126)	1.53(156)
138R 0125	—	300	5	1.62(165)	2.06(210)	2.55(260)
138R 0127	—	400	7	2.26(231)	2.88(294)	3.57(364)
138R 0128	—	450	8	2.59(264)	3.29(336)	4.08(416)
138R 0130	—	550	10	3.23(330)	4.12(420)	5.10(520)
138R 0131	—	600	11	3.56(363)	4.53(462)	5.61(572)
138R 0132	—	650	12	3.88(393)	4.94(504)	6.12(624)
138R 0135	—	800	15	4.85(495)	6.17(630)	7.64(780)

Clean and Lightweight Body Made From Special Plastic

Clean and lightweight body made from special plastic. This product is appropriate for food factories and any other places where strict hygienic standards are required and the use of lubricating oil should be restricted. Nylon balls further reduce the product weight. Body is made from special plastic. Nylon or stainless steel balls are available. This type can be embedded. When you want to reduce the height of the ball transfer, you can embed the bottom part of the product.



Material Detail	
Body	ABS
Main Ball/Sub Ball	SUJ ₂
Plate	SUS420J ₂

Shape	Number	Price ฿	Ball Diameter (In)	Length A X B (mm)	Height (mm)	Load Capacity (kg)
H Type	1257 H106	—	3/4"	76 X 48	15	20
	1258 H107	—	1"	86 X 60	17	30
	1259 H108	—	1-1/2"	140 X 90	30	50
P Type	1260 P109	—	3/4"	76 X 48	25	20
	1261 P110	—	1"	86 X 60	32	30
	1262 P111	—	1-1/2"	140 X 90	46	50

