

## Permissible forces on containers

RACKING FORCE (kN)			Classification Society / ISO 1496-1 (1990)					
			LR	GL	DnV	ABS	BV	ISO
	door and front wall frame	20'/40'	150	150	150	150	150	150
	side walls, closed box containers	20'/40'	150	125	150	150	150	75
	side walls		150		75	125	100	

FORCES IN VERTICAL DIRECTION (kN)			Classification Society / ISO 1496-1 (1990)					
			LR	GL	DnV	ABS	BV	ISO
	tension	top	250	250	250	250	250	118
		40'						150
	bottom	20'	250	250	250	250	250	112
		40'						141
	corner post compression	20'	848	848	864	848	848	942
		40'						
	compression at bottom corner	20'	954	-	-	954	-	1048
		40'	983	-	-	-	-	1077

HORIZONTAL SUPPORT FORCE (kN)			Classification Society / ISO 1496-1 (1990)						
			LR	GL	DnV	ABS	BV	ISO	
	top	tension	20'	340	250	200	250	200	150
			40'			250			
		compression	20'	340	250	200	250	200	100
			40'			250			
	intermediate	tension	20'	840	650	400	600	500	300
			40'			500			
		compression	20'	840	650	500	600	500	250
			40'			600			
	bottom	tension	20'	500	400	200	350	300	150
			40'			250			
		compression	20'	500	400	300	350	300	150
			40'			350			

### Lashing loads at corner casting

Acting parallel to front and side face at top and bottom corner fitting.

In accordance with ISO 1161 (1984)

