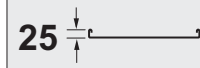


# Swifts® MRF medium duty fittings

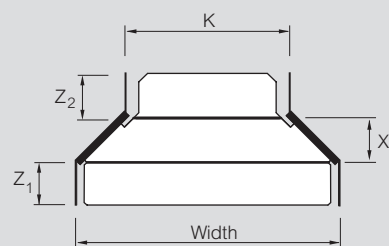
## straight reducers



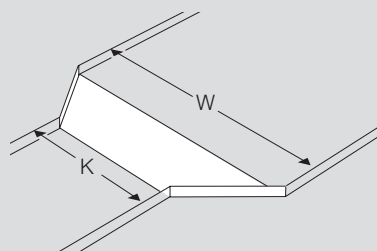
### ■ Dimensions and weights

#### Dimensions

Cat. No. MRFR **W K F**



X = Length of fitting from each end (excluding integral coupler)  
 Z<sub>1</sub> = End extension of integral coupler  
 Z<sub>2</sub> = End extension of integral coupler  
 K = Reduced width



To create the Cat No., add the main run width (W), the reduced run width (K) and the finish (F)

Example :

For a hot dip galvanised reducer reducing from 300 mm to 150 mm : MRFR 300 150 G

#### Weights

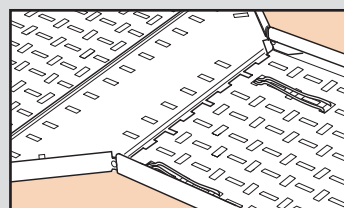
All weights given are in kilograms (kg) and are for hot dip galvanised G finish

To obtain the appropriate component weight in other finishes, multiply the given weight by the following factors :

Deep galvanised (D) x 1.06  
 Stainless steel (S) x 0.94  
 Pre-galvanised (PG) x 0.96  
 Powder coated (E) x 0.97

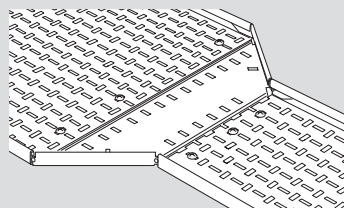
Width	Width (K)	Cat. Nos.	Dimensions (mm)			Weight (kg)
			X	Z <sub>1</sub>	Z <sub>2</sub>	
75	50	MRFR 75 50 F	100	55	55	0.2
	75	MRFR 75 75 F	100	55	55	0.2
100	50	MRFR 100 50 F	100	55	55	0.2
	75	MRFR 100 75 F	100	55	55	0.2
150	50	MRFR 150 50 F	100	55	55	0.3
	75	MRFR 150 75 F	100	55	55	0.3
	100	MRFR 150 100 F	100	55	55	0.3
225	50	MRFR 225 50 F	150	55	55	0.5
	75	MRFR 225 75 F	100	55	55	0.4
	100	MRFR 225 100 F	100	55	55	0.4
	150	MRFR 225 150 F	100	55	55	0.4
300	50	MRFR 300 50 F	150	55	55	0.5
	75	MRFR 300 75 F	150	55	55	0.6
	100	MRFR 300 100 F	100	55	55	0.5
	150	MRFR 300 150 F	100	55	55	0.5
450	225	MRFR 300 225 F	100	55	55	0.6
	50	MRFR 450 50 F	300	55	55	1.2
	75	MRFR 450 75 F	300	55	55	1.2
	100	MRFR 450 100 F	300	55	55	1.3
600	150	MRFR 450 150 F	150	55	55	0.9
	225	MRFR 450 225 F	150	55	55	0.9
	300	MRFR 450 300 F	100	55	55	0.8
	50	MRFR 600 50 F	300	55	55	1.9
750	75	MRFR 600 75 F	300	55	55	1.6
	100	MRFR 600 100 F	300	55	55	1.6
	150	MRFR 600 150 F	300	55	55	1.7
	225	MRFR 600 225 F	300	55	55	1.8
	300	MRFR 600 300 F	150	55	55	1.2
900	450	MRFR 600 450 F	100	55	55	1.3
	50	MRFR 750 50 F	450	55	55	2.6
	75	MRFR 750 75 F	450	55	55	2.6
	100	MRFR 750 100 F	450	55	55	2.7
	150	MRFR 750 150 F	300	55	55	2.7
	225	MRFR 750 225 F	300	55	55	2.8
	300	MRFR 750 300 F	300	55	55	2.8
900	450	MRFR 750 450 F	150	55	55	3.9
	600	MRFR 750 600 F	100	55	55	4.0
	50	MRFR 900 50 F	450	55	55	3.6
	75	MRFR 900 75 F	450	55	55	3.9
	100	MRFR 900 100 F	450	55	55	3.9
	150	MRFR 900 150 F	450	55	55	4.0
	225	MRFR 900 225 F	450	55	55	4.2
900	300	MRFR 900 300 F	300	55	55	5.2
	450	MRFR 900 450 F	300	55	55	5.5
	600	MRFR 900 600 F	300	55	55	5.9
	750	MRFR 900 750 F	100	55	55	6.2

#### ■ Assembly using Swiftclip – straight reducers



For fast fit connections of fittings and lengths (up to 300 mm wide) use Swiftclip, see p. 50

#### ■ Assembly using fasteners – straight reducers



#### Reducer to straight length coupling

Reducers have integral couplers which fit into straight lengths whether they have been cut to length or not, without the need for further drilling. Each reducer to length joint is secured with M6 x 12 bolts (roofing or pan head), nuts and washers or quick bolt fasteners (Cat. No. QBF), p. 50. Fasteners are not included

Minimum number of fasteners per joint :

Widths up to 225 = 2  
 Widths 300 to 600 = 3  
 Widths 750 and 900 = 4

#### Fastener finishes

For reducers with G, D and PG finishes, fasteners are galvanised or zinc plated

For reducers with S finish, fasteners are stainless steel

For reducers with E finish, the choice of material for fasteners will depend on the installation environment. For further information, contact us on +44 (0) 345 605 4333

All dimensions (mm) are nominal

Key : Replace the letter shown in red with your choice from the following options :

**F** = Finish : **G** (hot dip galvanised after manufacture),  
**D** (deep galvanised), **PG** (pre-galvanised steel),  
**S** (stainless steel), **E** (powder coated black RAL 9005)