Isoflex Technologies Pty Ltd
11/75 Waterway Drive
Coomera, QLD 4209 AUSTRALIA
Ph: +61 7 5556 0924
E: info@isoflex.com.au

Isoflex Technologies International, LLC
3434 SW 15th Street
Deerfield Beach, FL 33442 U.S.A.
Ph: 561-210-5170
E: info@isoflextech.com

ISOFLEX MOUNT DATA SHEET - IFV90

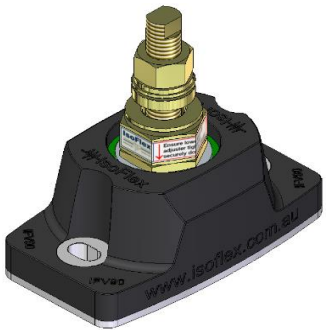
IFV90 - 20 S - YEL

Thread Size	
20	M20
24	M24

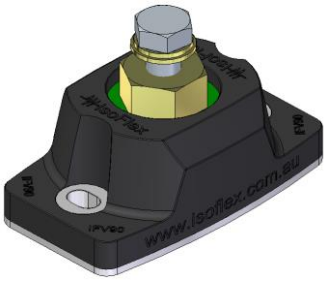
Stud Type	
S	Adjusting stud type
B	Bolt type

Resilient Core Type	
YEL	Yellow
RED	Red
ORG	Orange
BLK	Black
LBL	Light Blue
DBL	Dark Blue
GRN	Green
Other duro available on request	

Base: Black - 75 SDH-D
Metal components a combination of marine alloy, stainless steel and components zinc plated to ASTM B633 Type II SC3



Mount model IFV90-20S or IFV90-24S



Mount model IFV90-20B or IFV90-24B

WEIGHT:

Model	Metric (kg)	Imperial (lb)
IFV90-20S	2.1	4.6
IFV90-24S	2.3	5.1
IFV90-20B	1.8	4.0
IFV90-24B	1.8	4.0

SPECIFICATION:

	Metric (kg)	Imperial (lb)
Recommended working load per mount	50-350	110-770

Specifications are subject to change without notice.

Document: Isoflex-DS-IFV90-R2
Date: 16 Jul 2021
Copyright © 2021 Isoflex Technologies Pty Ltd

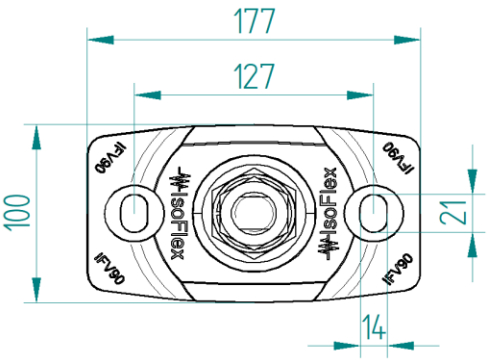
Isoflex Technologies Pty Ltd
11/75 Waterway Drive
Coomera, QLD 4209 AUSTRALIA
Ph: +61 7 5556 0924
E: info@isoflex.com.au

Isoflex Technologies International, LLC
3434 SW 15th Street
Deerfield Beach, FL 33442 U.S.A.
Ph: 561-210-5170
E: info@isoflextech.com

ISOFLEX MOUNT DATA SHEET - IFV90

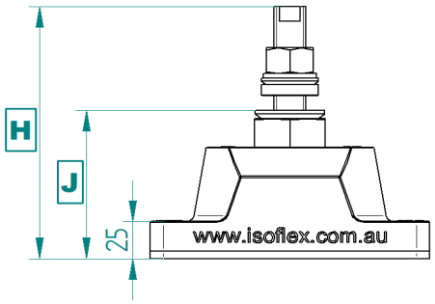
COMMON DIMENSIONS :

	Metric (mm)	Imperial (in)
Base length	177	6.97
Base width	100	3.94
Base bolt centres	127	5.00
Base thickness	25	0.98
Base bolt size	M12	1/2

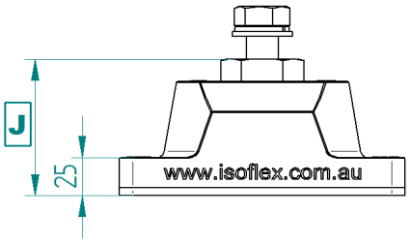


MODEL SPECIFIC DIMENSIONS :

	Overall Height (H)		Min Free Height (J)		Height Adjustment (J)	
Model	**(mm)**	**(in)**	**(mm)**	**(in)**	**(mm)**	**(in)**
IFV90-20S	170	6.69	100	3.94	10	0.39
IFV90-24S	200	7.87	100	3.94	10	0.39
IFV90-20B	-	-	90	3.54	-	-
IFV90-24B	-	-	90	3.54	-	-



Mount model IFV90-20S or IFV90-24S



Mount model IFV90-20B or IFV90-24B

Specifications are subject to change without notice.

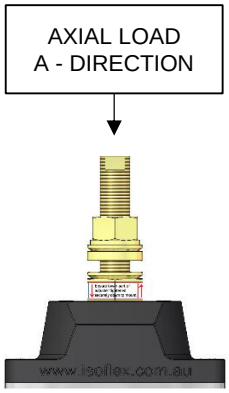
Document: Isoflex-DS-IFV90-R2
Date: 16 Jul 2021
Copyright © 2021 Isoflex Technologies Pty Ltd

Isoflex Technologies Pty Ltd
11/75 Waterway Drive
Coomera, QLD 4209 AUSTRALIA
Ph: +61 7 5556 0924
E: info@isoflex.com.au

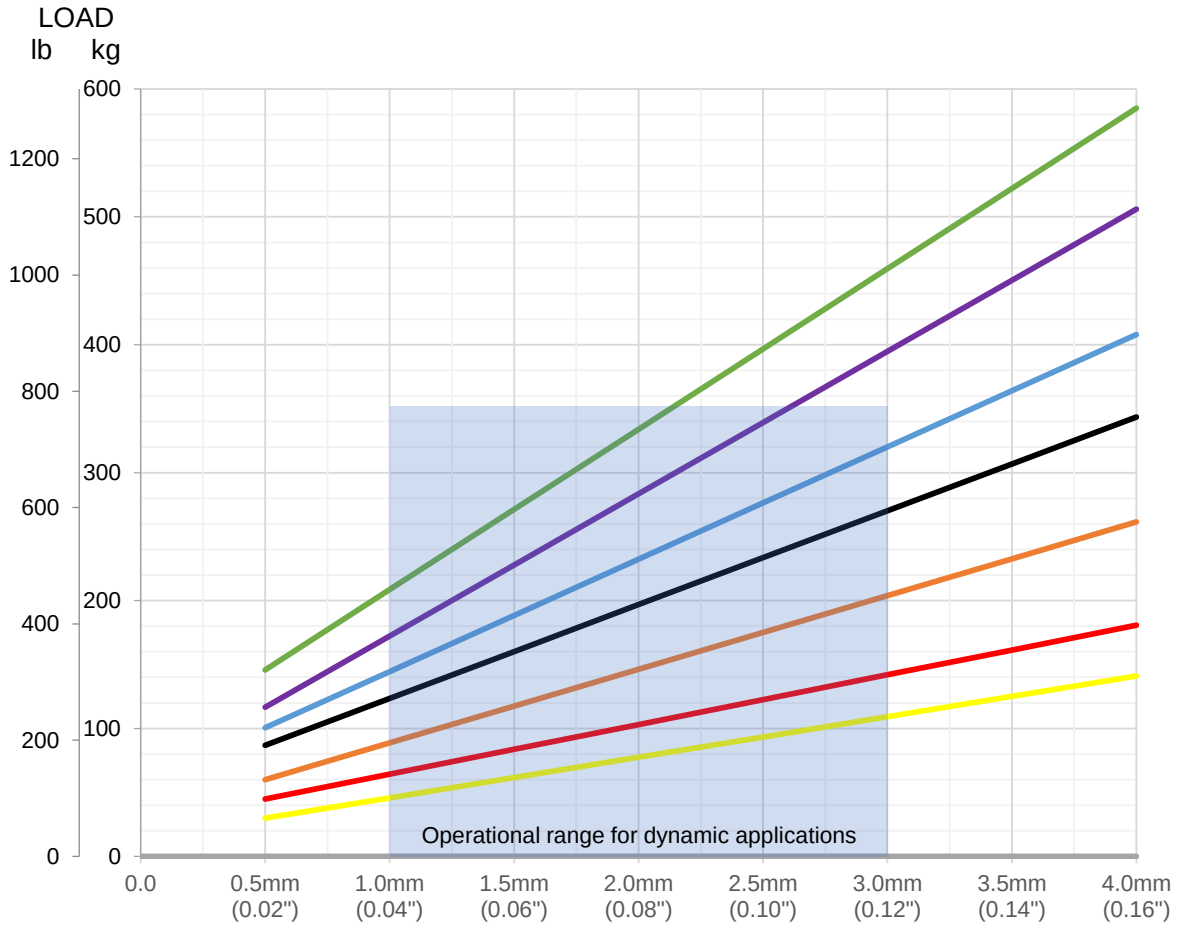
Isoflex Technologies International, LLC
3434 SW 15th Street
Deerfield Beach, FL 33442 U.S.A.
Ph: 561-210-5170
E: info@isoflextech.com

ISOFLEX MOUNT DATA SHEET - IFV90

Loading Type: Axial - Vertical Down (A-direction)



Resilient Core Colour	Spring Rate at 2mm	
	(kg/cm)	(lb/in)
Yellow	320	1790
Red	390	2185
Orange	575	3220
Black	735	4115
Light Blue	880	4930
Dark Blue	1115	6245
Green	1255	7030



Graph: Static Axial Vertical Load [kg] (lb) versus Deflection [mm] (in)

Specifications are subject to change without notice.

Document: Isoflex-DS-IFV90-R2
Date: 16 Jul 2021
Copyright © 2021 Isoflex Technologies Pty Ltd

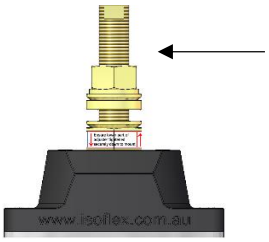
Isoflex Technologies Pty Ltd
11/75 Waterway Drive
Coomera, QLD 4209 AUSTRALIA
Ph: +61 7 5556 0924
E: info@isoflex.com.au

Isoflex Technologies International, LLC
3434 SW 15th Street
Deerfield Beach, FL 33442 U.S.A.
Ph: 561-210-5170
E: info@isoflextech.com

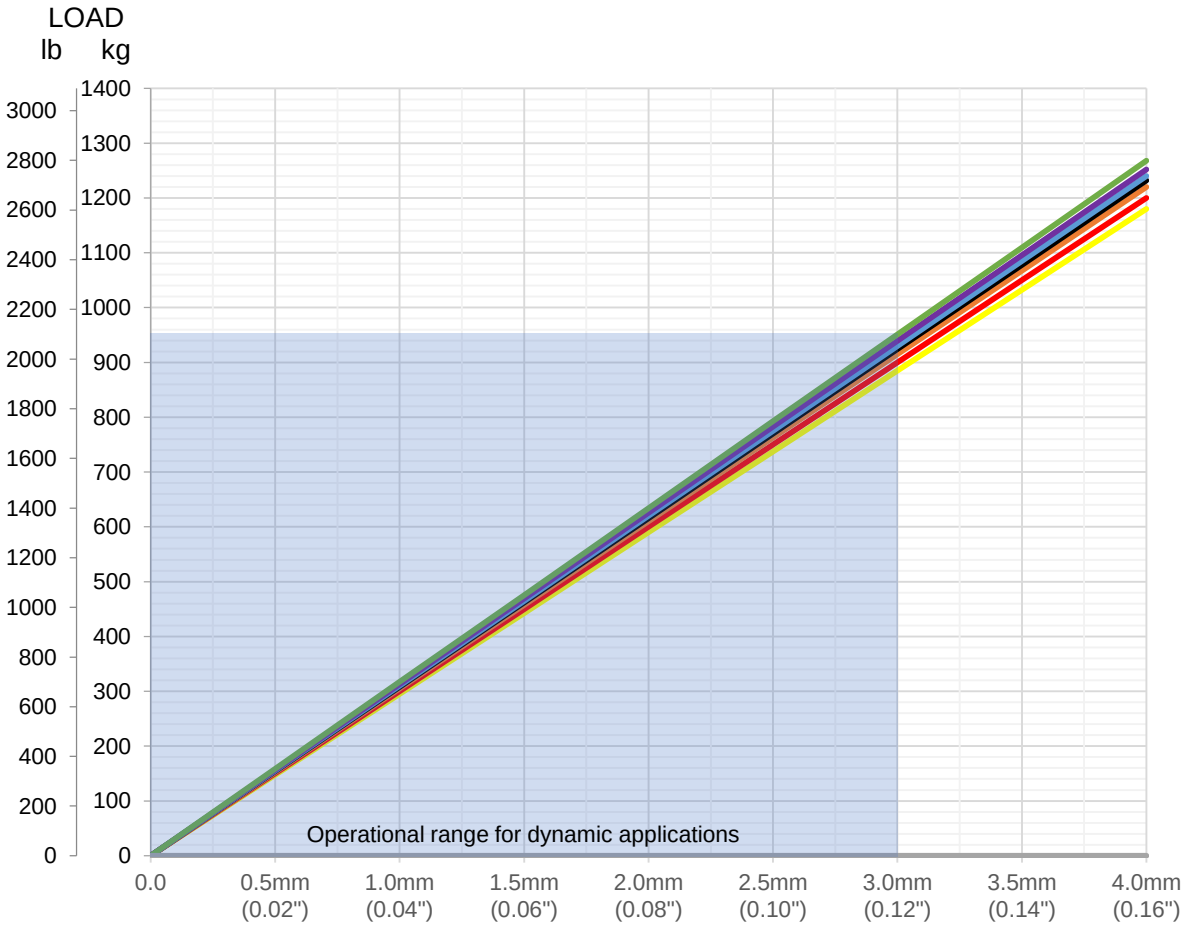
ISOFLEX MOUNT DATA SHEET - IFV90

Loading Type: Longitudinal Thrust (T-direction)

LONGITUDINAL THRUST
T - DIRECTION



Resilient Core Colour	Spring Rate at 2mm	
	(kg/cm)	(lb/in)
Yellow	2950	16520
Red	3000	16800
Orange	3050	17080
Black	3080	17250
Light Blue	3100	17360
Dark Blue	3130	17530
Green	3170	17750



Graph: Static Longitudinal Load [kg] (lb) versus Deflection [mm] (in)

Note: Stated spring rate with 2.5mm axial compression simulation load

Specifications are subject to change without notice.

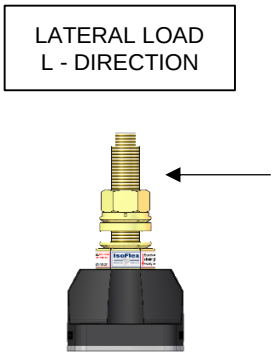
Document: Isoflex-DS-IFV90-R2
Date: 16 Jul 2021
Copyright © 2021 Isoflex Technologies Pty Ltd

Isoflex Technologies Pty Ltd
11/75 Waterway Drive
Coomera, QLD 4209 AUSTRALIA
Ph: +61 7 5556 0924
E: info@isoflex.com.au

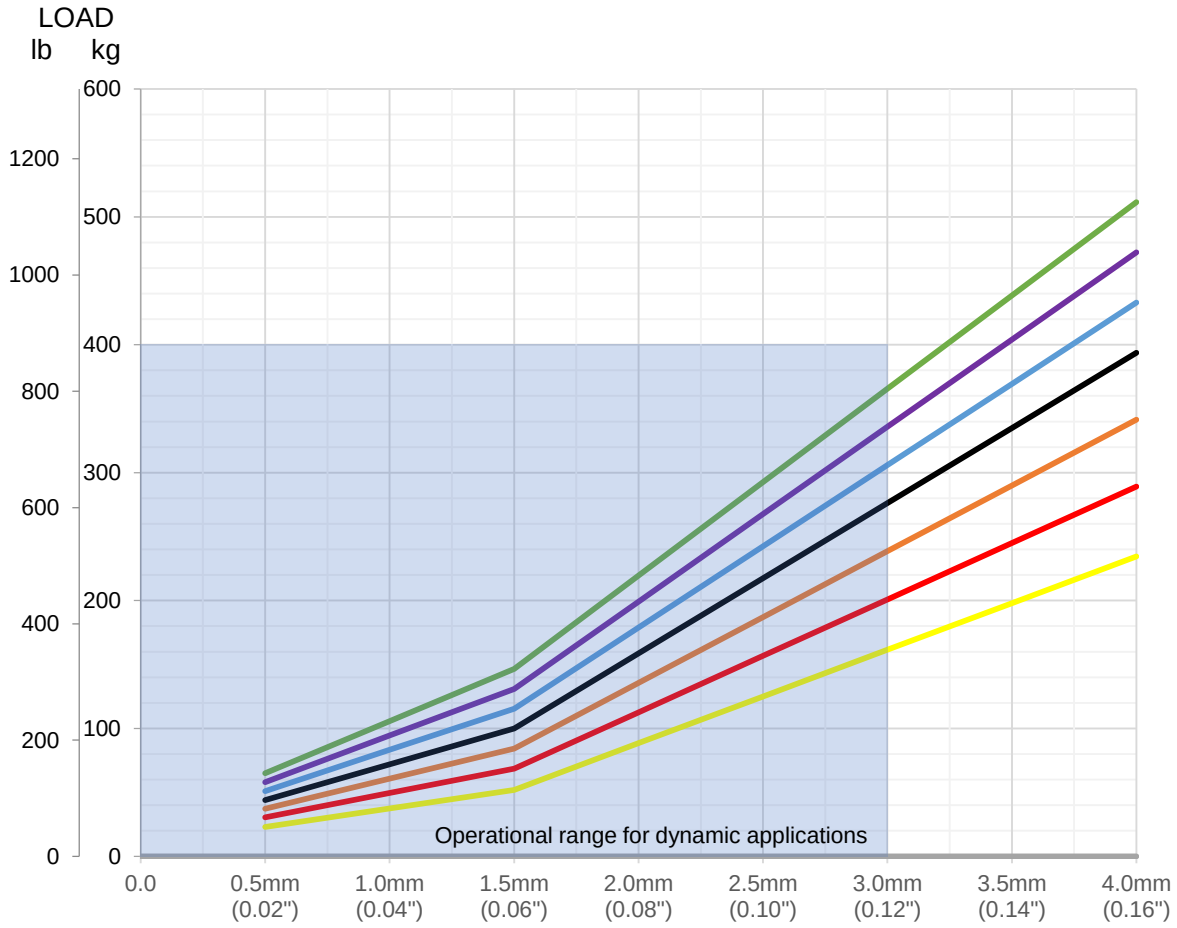
Isoflex Technologies International, LLC
3434 SW 15th Street
Deerfield Beach, FL 33442 U.S.A.
Ph: 561-210-5170
E: info@isoflextech.com

ISOFLEX MOUNT DATA SHEET - IFV90

Loading Type: Lateral (L-direction)



Resilient Core Colour	Spring Rate at 1mm	
	(kg/cm)	(lb/in)
Yellow	290	1625
Red	380	2130
Orange	470	2630
Black	560	3135
Light Blue	645	3610
Dark Blue	730	4090
Green	815	4565



Graph: Static Lateral Load [kg] (lb) versus Deflection [mm] (in)

Note: Stated spring rate with 2.5mm axial compression simulation load

Specifications are subject to change without notice.

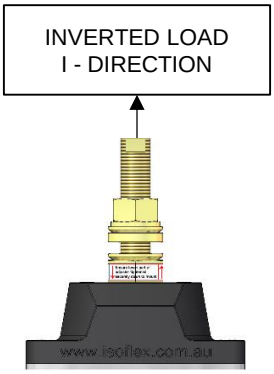
Document: Isoflex-DS-IFV90-R2
Date: 16 Jul 2021
Copyright © 2021 Isoflex Technologies Pty Ltd

Isoflex Technologies Pty Ltd
11/75 Waterway Drive
Coomera, QLD 4209 AUSTRALIA
Ph: +61 7 5556 0924
E: info@isoflex.com.au

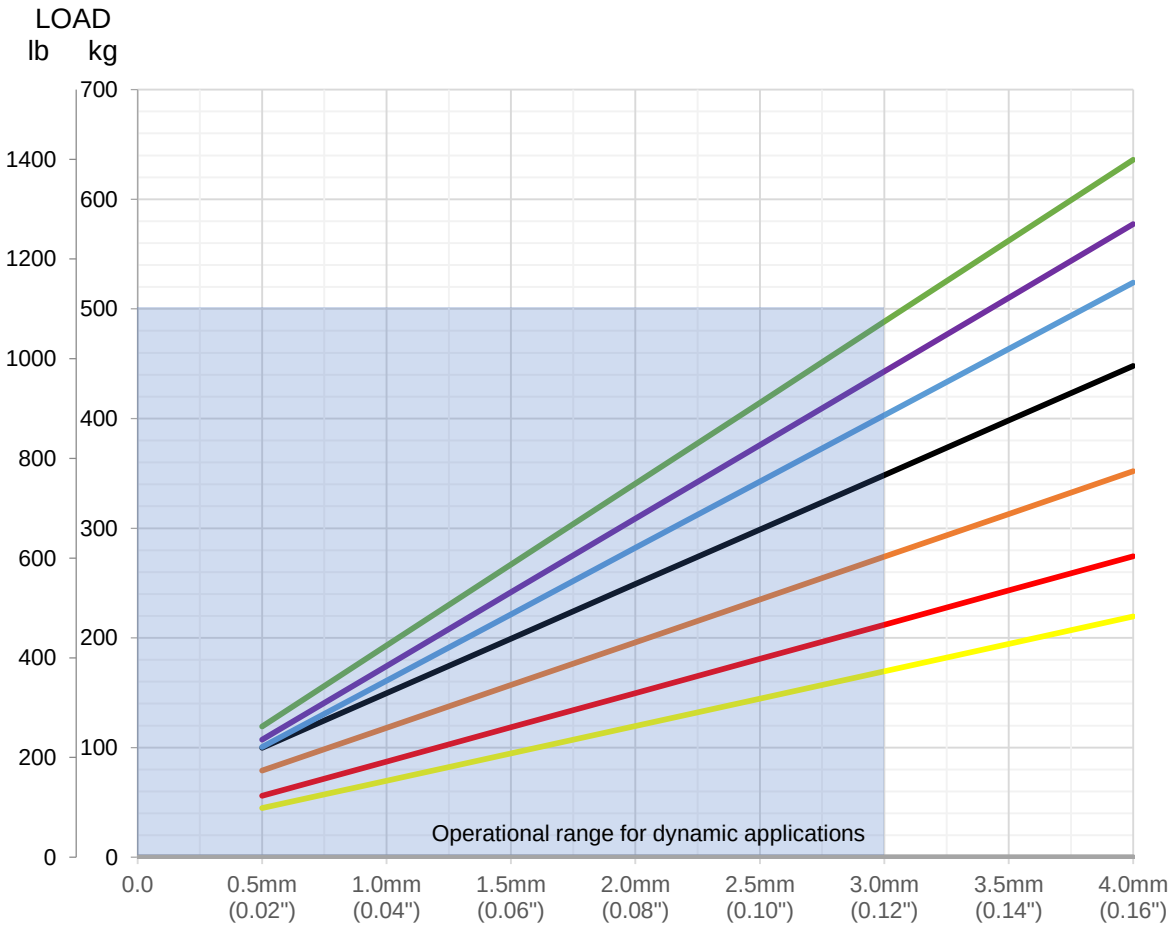
Isoflex Technologies International, LLC
3434 SW 15th Street
Deerfield Beach, FL 33442 U.S.A.
Ph: 561-210-5170
E: info@isoflextech.com

ISOFLEX MOUNT DATA SHEET - IFV90

Loading Type: Inverted - Vertical Up (I-direction)



Resilient Core Colour	Spring Rate at 2mm	
	(kg/cm)	(lb/in)
Yellow	500	2800
Red	625	3500
Orange	780	4370
Black	995	5570
Light Blue	1210	6775
Dark Blue	1345	7530
Green	1475	8260



Graph: Static Inverted Load [kg] (lb) versus Deflection [mm] (in)

Copyright © 2021 Isoflex Technologies Pty Ltd