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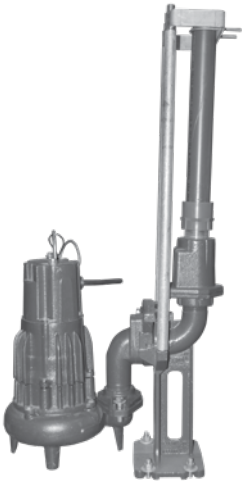
Product information presented here reflects conditions at time of publication. Consult factory regarding discrepancies or inconsistencies.

ZOELLER® ENGINEERED PRODUCTS

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SHIP TO: 3649 Cane Run Road • Louisville, KY 40211-1961
(502) 778-2731 • 1 (800) 928-PUMP • FAX (502) 774-3624

SECTION: Z5.00.150
ZM1347
0420
Supersedes
1219

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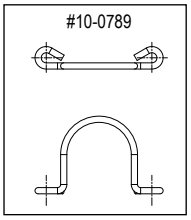
Z-Rail® Disconnect System shown

Z-RAIL® DISCONNECT SYSTEMS

THREADED DISCHARGE PUMPS 1-1/4" THRU 3" NPT

FEATURES

- Sewage, storm water and effluent pump systems
- For concrete, steel, or fiberglass tanks
- Allows for removal of pumps from ground level
- Coupling base with positive machine fit and o-ring seal provides a reliable seal.
- Guide rails direct the pump to and from the base discharge elbow. Systems are supplied complete with coupling base, sealing plate, pump discharge elbow, and upper rail support bracket.
- All systems use 3/4" schedule 40 pipe rails (not included).
- Refer to Z-Rail® installation instructions ZM2821.



SK2486

#10-0789 lifting bails are required on 6160, 6180, 6280, 6290, 7008/7009/7010, and 7020/7021 models to balance pump and rail plate evenly. Other models already include proper lifting device.

SPECIFICATIONS					
Rail System	**Pump Discharge**	**Rail System Discharge**	**Materials of Construction***	**Weight**	**Type**
39-0134	1-1/4" V	2" V	Powder coated, ductile iron	41	Z-Rail®
39-0135	1-1/4" V	2" V	Powder coated, ductile iron w/ SS upper rail support bracket	43	Z-Rail®
39-0136	1-1/4" V	2" V	Powder coated, ductile iron / brass for non-sparking	44	Z-Rail®
39-0143	1-1/4" V	2" V	Powder coated, ductile iron w/ SS upper rail support / brass for non-sparking	43	Z-Rail®
39-0137	1-1/4" H	1-1/4" V	Powder coated, ductile iron (models 7020, 7021 only)	41	Z-Rail®
39-0138	1-1/4" H	1-1/4" V	Powder coated, ductile iron w/ SS upper rail support bracket (models 7020, 7021 only)	43	Z-Rail®
39-0131	1-1/2" V	2" V	Powder coated, ductile iron	41	Z-Rail®
39-0132	1-1/2" V	2" V	Powder coated, ductile iron w/ SS upper rail support bracket	43	Z-Rail®
39-0133	1-1/2" V	2" V	Powder coated, ductile iron / brass for non-sparking	44	Z-Rail®
39-0142	1-1/2" V	2" V	Powder coated, ductile iron w/ SS upper rail support / brass for non-sparking	43	Z-Rail®
39-0128	2" V	2" V	Powder coated, ductile iron	42	Z-Rail®
39-0129	2" V	2" V	Powder coated, ductile iron w/ SS upper rail support bracket	43	Z-Rail®
39-0130	2" V	2" V	Powder coated, ductile iron / brass for non-sparking	45	Z-Rail®
39-0141	2" V	2" V	Powder coated, ductile iron w/ SS upper rail support / brass for non-sparking	44	Z-Rail®
39-0146	2" V	2" V	71 Series Grinder - Powder coated, ductile iron	43	Z-Rail®
39-0148	2" V	2" V	71 Series Grinder - Powder coated, ductile iron w/ SS upper rail support bracket	45	Z-Rail®
39-0147	2" V	2" V	71 Series Grinder - Powder coated, ductile iron / brass for non-sparking	43	Z-Rail®
39-0149	2" V	2" V	71 Series Grinder - Powder coated, D.I. w/ SS upper rail support / brass for non-sparking	44	Z-Rail®
39-0122	3" V	3" V	Powder coated, ductile iron	47	Z-Rail®
39-0123	3" V	3" V	Powder coated, ductile iron w/ SS upper rail support bracket	47	Z-Rail®
39-0124	3" V	3" V	Powder coated, ductile iron / brass for non-sparking	47	Z-Rail®
39-0125	3" V	3" V	Powder coated, ductile iron w/ SS upper rail support / brass for non-sparking	47	Z-Rail®
ACCESSORIES - Intermediate rail brackets are required for each 12' of basin depth					
39-0139	Intermediate rail bracket 1-1/4", 1-1/2" and 2" discharge - stainless steel			4	Z-Rail®
39-0140	Intermediate stabilizer, SS, for 3" system			4	Z-Rail®
10-0789**	SS lifting bail for 6160, 6180, 6280, 6290, 7008/7009/7010 and 7020/7021 series (Pictured above)			1	Both

* Coupling base / sealing plate / upper support / bracket and rail guide.
** Lifting bails are required on the following models to balance pump and rail plate evenly. Other models already include proper lifting device.

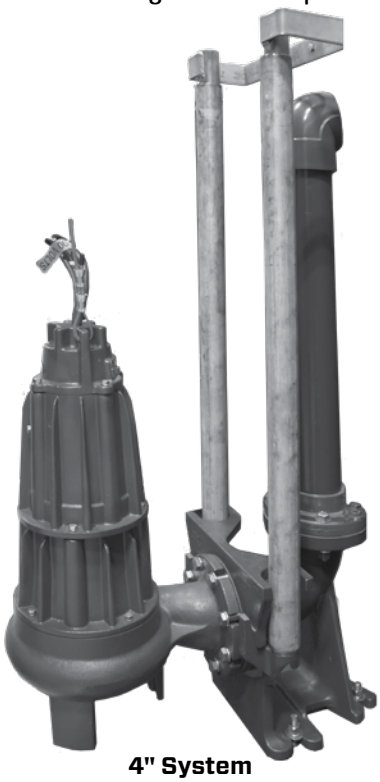
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FLANGED RAIL SYSTEMS (2-1/2" TO 6" Discharge)
FIELD ASSEMBLED

Guide rail system for removal and installation of flanged, horizontal discharge pumps without getting in or removing fluid from pit.



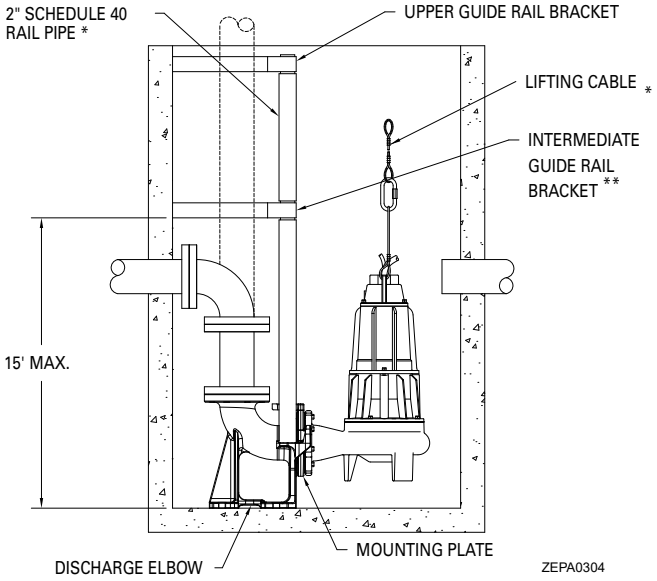
2-1/2" & 3" Horizontal Flanged



4" System



6" System



* 1/4" lifting cable not included. See ZM1328 for correct cable.

**One intermediate guide rail bracket is required for every ☐20 ft. for 3" system or ☐15 ft. for 4" or 6" system, of basin depth. See chart for part number.

SPECIFICATIONS				
Part Number	**Description**	**Pump Discharge**	**Rail System Discharge**	**Guide Rails***
39-0094	2-1/2" / 3" guide rail system SS	2-1/2" or 3" horizontal flange	3" Flange	2" SS or galv.
39-0154	4" guide rail system SS flange	4" horizontal	4" Flange	2" SS or galv.
6039-0072	6" guide rail system SS flange	6" horizontal	6" Flange	2" SS or galv.
39-0095	2-1/2" / 3" guide rail system SS non-sparking for Class I Group C and/or Group D Division 1 installation	2-1/2" or 3" horizontal flange	3" Flange	2" SS or galv.
39-0155	4" guide rail system SS non-sparking for Class I Group C and/or Group D Division 1 installation	4" horizontal flange	4" Flange	2" SS or galv.
6039-0073	6" guide rail system SS non-sparking for Class I Group C and/or Group D Division 1 installation	6" horizontal flange	6" Flange	2" SS or galv.
39-0096	Intermediate bracket for 2-1/2" / 3" rail systems			
6039-0014	Intermediate bracket for 4" rail systems			
6039-0021	Intermediate bracket for 6" rail systems			

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