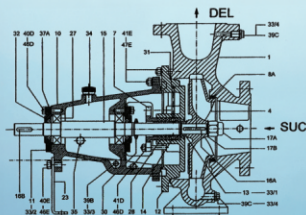


an efficient and reliable pump engineered to perform



# END SUCTION BACK PULLOUT PUMP



List of Components

ITEM NO.	DESCRIPTION	N. OFF
1	Casing	1
* 4	Impeller	1
* 7	Gland	1
* 8A	Wearing Ring (Casing)	1
10	Bearing Housing	1
11	Bearing Cover	2
12	Stuffing Box	1
* 13	Shaft Sleeve	1
* 14	Lantern Ring	1
* 15	Shaft	1
* 16A	Key (Impeller)	1
* 16B	Key (Coupling)	1
* 17A	Impeller lock Nut	1
* 17B	Impeller lock Washer	1
23	Support Foot	1
24	Coupling Unit	1 Set
* 27	Bearing	2
* 28	Gland Packing	1 Set
* 30	Water Thrower	1
* 31	O-ring	1
* 32	Oil seal	2
33/1	Gasket (Shaft sleeve)	1
33/2	Gasket (Brg. cover)	2
33/3 & 33/4	Gasket (Plug)	1+4
34	Oil-cap	1
35	Oil window	1
37A	Grease Nipple	2
39B & 39C	Plug	1+4
40D	Bolt (Brg. Cover)	6
40E	Bolt (for 23)	1
41D	Stud with Nut (Gland)	2 Set
41E	Stud with Nut (for 10 & 12)	20 Set
43D	Grub Screw (for 24)	2
46D	Plain Washer (for 40D and 41D)	6+2
46E	Plain Washer (for 23)	1
47E	Spring Washer (for 41E)	20

\* Recommended Spares

## OPERATING DATA

Flow - Rate : Up to 550 M3/hr  
 Heads : Up to 100 m  
 Service Pressure : Up to 16 bar  
 Temperature : Up to 100 C  
 Rotation : Clockwise when looking from drive end.

## APPLICATION

For continuous service in pumping of clear liquids (solid contents up to 0.2%), which are non aggressive for pump materials. These pumps are ideally suited for water supply in industries, air conditioning, fire fighting, pressure boosting, irrigation etc.

## FEATURES

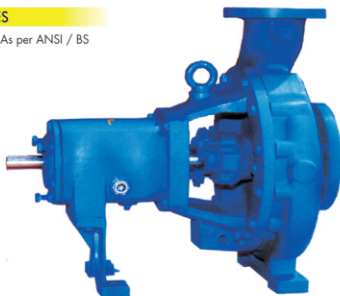
Centrifugal, single stage, horizontal shaft, axial suction, top centerline discharge back pull-out pump. The range comprises of 32 pump models using 3 shaft sizes and having large number of interchangeable ports.

## SHAFT SEALING

By gland packing or mechanical seal.

## FLANGES

Optional : As per ANSI / BS

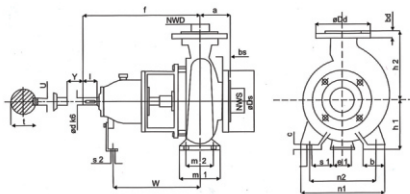


# GRW PUMPS

An ISO 9001 : 2008 and ISO 14001 : 2004 Certified Company

Every  
Pumping  
Solution  
Made  
Simple

### General Arrangement Drawing



### DIMENSIONS AND MOUNTING DETAILS

PUMP MODELS	FRAME UNIT	PUMP DIMENSION						FOOT DIMENSION						SHAFT END							
		NWS	NWD	a	f	h1	h2	b	c	m1	m2	n1	n2	ø1	ø2	e1	w	ød36	i	t	u
ES 32-13	15	50	20	80	360	112	140	50	14	100	70	190	140	14	14	100	267	24	50	27.3	8
ES 32-16				80	360	132	160	50	14	100	70	240	190	14	14	100	267	24	50	27.3	8
ES 32-20				100	360	160	180	50	14	100	70	240	190	14	14	110	267	24	50	27.3	8
ES 32-26				100	360	180	225	65	14	125	95	320	250	14	14	110	267	24	50	27.3	8
ES 40-13		65	40	80	360	112	140	50	14	100	70	210	160	14	14	100	267	24	50	27.3	8
ES 40-16				80	360	132	160	50	14	100	70	140	190	14	14	100	267	24	50	27.3	8
ES 40-20				100	360	160	180	50	14	100	70	265	212	14	14	110	267	24	50	27.3	8
ES 40-26				100	360	180	225	65	14	125	95	320	250	14	14	110	267	24	50	27.3	8
ES 40-32	18	125	470	200	250	65	14	125	95	345	280	14	14	110	342	32	80	35.3	10		
ES 50-13	15	65	50	100	360	132	160	50	14	100	70	240	190	14	14	100	267	24	50	27.3	8
ES 50-16				100	360	160	180	50	14	100	70	265	212	14	14	110	267	24	50	27.3	8
ES 50-20				100	360	160	200	50	14	100	70	265	212	14	14	110	267	24	50	27.3	8
ES 50-26				100	360	180	225	65	14	125	95	320	250	14	14	110	267	24	50	27.3	8
ES 50-32	18	80	125	470	225	280	65	14	125	95	345	280	14	14	110	342	32	80	35.3	10	
ES 65-13	15	80	65	100	360	160	180	65	14	125	95	280	212	14	14	110	267	24	50	27.3	8
ES 65-16				100	360	160	200	65	14	125	95	280	212	14	14	110	267	24	50	27.3	8
ES 65-20				100	360	180	225	65	14	125	95	320	250	14	14	110	267	24	50	27.3	8
ES 65-26				100	470	200	250	80	16	160	120	360	280	18	14	110	342	32	80	35.3	10
ES 65-32	18	125	470	225	280	80	16	160	120	400	315	18	14	110	342	32	80	35.3	10		
ES 80-16	15	18	80	125	360	180	225	65	14	125	95	320	250	14	14	110	267	24	50	27.3	8
ES 80-20	125			470	180	250	65	14	125	95	345	280	14	14	110	342	32	80	35.3	10	
ES 80-26	125			470	200	280	80	16	160	120	400	315	18	14	110	342	32	80	35.3	10	
ES 80-32	125			470	250	315	80	16	160	120	400	315	18	14	110	342	32	80	35.3	10	
ES 100-20	22	100	126	470	200	280	80	16	160	120	360	280	18	14	110	342	32	80	35.3	10	
ES 100-26			140	470	225	280	80	16	160	120	400	280	18	14	110	342	32	80	35.3	10	
ES 100-32			140	470	250	315	80	16	160	120	400	280	18	14	110	342	32	80	35.3	10	
ES 100-40			140	315	280	355	100	18	200	150	500	400	23	14	110	370	42	110	45.3	12	
ES 125-26	18	22	125	140	470	250	355	80	16	160	120	400	315	18	14	110	342	32	80	35.3	10
ES 125-32	140			530	280	355	100	18	200	150	500	400	23	14	110	370	42	110	45.3	12	
ES 125-40	140			530	315	400	100	18	200	150	500	400	23	14	110	370	42	110	45.3	12	
ES 150-32	160			530	280	400	100	18	200	150	550	450	23	14	110	370	42	110	45.3	12	
ES 150-40	160	530	315	450	100	18	200	150	550	450	23	14	110	370	42	110	45.3	12			

Note : All Dimensions shown are Indicative

Dimensions are in millimetre



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