

Lifting Winch units



Superior Detailed Maneuverability

- Stable rotation from low to high speed reduces load shaking

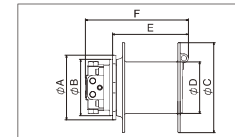
High Reliability

- Built-in large-capacity mechanical brake
- Long life

Lightweight and Compact

- Integrated reducer
- Abundance of accessory functions (counterbalance valve, mechanical brake valve)

WRD/CH Series



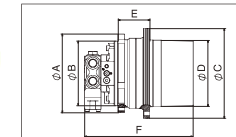
WRD Series

[Main Application]

- Winch units for elevated work vehicles, mini crawler cranes, etc.

[Features]

- Lightweight and compact with its integrated drum structure
- Built-in parking brake



CH Series

[Main Application]

- Winch units for rough terrain cranes, truck cranes, etc.

[Features]

- Drum-in type compact design
- High-speed rotation support
- Built-in parking brake
- 2-speed motor (high/low speed)



■ Specification

		WRD010	CH05VA2	CH12VB2	CH18VB	CH04H	CH10VH
Rated Output Torque	N-m	1230	4600	11500	18000	3920	9810
Max. Output Speed	min-1	189	170	150	126	120	100
Max. Pressure	MPa	20,6	25	29,4	29,4	24,5	25
Rated Flow Rate (at counter balance valve)	L/min	70	155	280	400	155	155

■ Outline Dimensions

		WRD010	CH05VA2	CH12VB2	CH18VB	CH04H	CH10VH
A	mm	230	280	330	354	260	280
B	mm	166	210	270	290	200	210
C	mm	400	321	376	404	279	326
D	mm	75	241.3	280	324	200	265
E	mm	362,5	101	133	131	84,5	80
F	mm	441	341	453,5	482	341	332